

SOUTHERN CALIFORNIA EDISON COMPANY
SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

Emergency Plan Exercise

October 26, 1988

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FDR ADOCK 05000206
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SAN ONOFRE NUCLEAR GENERATING STATION
UNIT 2

1988 Emergency Plan Exercise

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SAN ONOFRE NUCLEAR GENERATING STATION
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1988 Emergency Plan Exercise

SCOPE

SAN ONOFRE NUCLEAR GENERATING STATION
1988 ANNUAL EMERGENCY PLAN EXERCISE

SCOPE

The annual emergency plan exercise will be conducted on October 26, 1988 between the hours of 8:00 am and 2:00 pm. The exercise will simulate an abnormal radiological incident at SONGS Unit 2. The response to the incident will be evaluated by the Nuclear Regulatory Commission (NRC).

The exercise will commence with a postulated plant condition which necessitates the declaration and escalation of emergency classes. This will require the ability to properly recognize and classify abnormal conditions within the plant in addition to making necessary notifications to plant personnel and offsite emergency response organizations. Personnel will be required to take appropriate actions to mitigate damage to the plant and protect the health and safety of the general public. Offsite agencies will participate in the exercise.

The following activities will be simulated during the exercise:

1. Activation of unaffected units' (Units 1 and 3) Emergency Response Facilities.
2. Protected Area and Owner Controlled Area (Plant and Site) evacuation, except for limited assembly. Accountability will be simulated.
3. Beach evacuation.
4. Public protective actions (sheltering and evacuation).
5. Community Alert Siren System actuation.
6. Emergency Broadcast System actuation.
7. Potassium iodide and protective clothing use in simulated contaminated areas (paper PCs will be used instead of cloth).
8. Silver zeolite cartridge use (charcoal cartridges will be used instead of silver zeolite).
9. Use of emergency response security measures.
10. Activation of plant equipment, with the exception of the sirens.
11. Recall of corporate personnel (key ESO personnel transported to EOF by helicopter).
12. Transportation of an injured worker to the hospital, if necessary.

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OBJECTIVES

SAN ONOFRE NUCLEAR GENERATING STATION
1988 ANNUAL EMERGENCY PLAN EXERCISE

OBJECTIVES

A. ONSITE OBJECTIVES

1. Demonstrate the ability of on-shift and recalled personnel to recognize accident conditions, and to declare the appropriate emergency classification within 15 minutes of recognition.
2. Demonstrate notification procedures and communication capabilities to provide accurate event and follow-up notifications to offsite agencies within specified time limits using the new Yellow Phone System.
3. Demonstrate the ability of on-shift and recalled Emergency Response Personnel to conduct adequate turnovers and transfer of responsibilities in accordance with EIPs and ESO Procedures.
4. Demonstrate the ability to transmit information between the TSC and the EOF without adversely affecting protective action recommendations for the general public in accordance with EIPs and ESO Procedures.
5. Demonstrate the ability to transmit information between the TSC and the EOF without adversely affecting emergency classification in accordance with EIPs and ESO Procedures.
6. Demonstrate the communication of radiological information by TSC Health Physics personnel to other emergency response personnel following TSC activation by updating status boards and reporting significant radiation monitor changes, field monitoring results and dose projections within 15 minutes of determination, consistent with other emergency response priorities.
7. Demonstrate the adequacy of SCE radiation monitoring team deployment to provide continuous radiological assessment without adversely affecting onsite or offsite protective action recommendations.
8. Demonstrate the ability to obtain and analyze in-plant radiological samples, in accordance with station procedures.
9. Demonstrate operation of the onsite emergency siren system and coordination of site PA announcements in accordance with EIPs.
10. Demonstrate the assembly of selected site personnel at designated assembly areas in accordance with EIPs and Security procedures.
11. Demonstrate OSC logging and issue of dosimetry, and the ability to accurately track and control exposure of emergency response personnel, without delaying emergency response teams involved in critical actions.

12. Demonstrate contamination control at the OSC in accordance with Health Physics procedures and sound practices.
13. Demonstrate the debriefing of emergency response teams accurately within 15 minutes of return to the OSC, consistent with the dispatch of other teams.
14. Demonstrate EOF access control and the accountability of EOF personnel in accordance with ESO procedures.
15. Demonstrate radiological controls at the EOF in accordance with ESO procedures and sound Health Physics practices, including dosimetry issue and contamination control.
16. Demonstrate the ability to determine and implement appropriate measures for controlled recovery and reentry in accordance with the SONGS Emergency Plan and EIPs.
17. Demonstrate controllers' control of exercise conduct, participation in player debriefings, and evaluation of players' responses in accordance with Drill Controller Program requirements.

B. OFFSITE OBJECTIVES

1. Demonstrate the adequacy of procedures and communication capabilities to notify and mobilize emergency response personnel in accordance with the offsite jurisdictions' emergency response plans.
2. Demonstrate the capability to fully activate and staff the Emergency Operations Centers (EOCs) to meet exercise objectives.
3. Demonstrate the ability to assess recommendations and disseminate information to the appropriate organizations, including recommendations concerning public protective action.
4. Demonstrate the ability to deploy field radiation monitoring teams, take measurements, and communicate with the Offsite Dose Assessment Center (ODAC).
5. Demonstrate ODAC status board updating of significant radiation monitor changes and field monitoring and dose projection results within 15 minutes of determination.
6. Demonstrate the ability to develop and issue Emergency Broadcast System (EBS) messages and coordinate release of EBS messages with the activation of the Community Alert and Notification System.
7. Demonstrate the ability to coordinate the dispatch of emergency workers including dosimetry issue.

1. Demonstrate the ability to perform offsite dose assessment projections necessary to provide advance warning to local, state, and federal agencies, and to the general public.
2. Demonstrate the adequacy of the decision-making process between the EOF and offsite EOCs in coordinating protective actions towards the general public.
3. Demonstrate the ability to activate and operate the Emergency News Center (ENC) and coordinate the dissemination of timely and accurate information to the news media by means of press releases and news briefings.

SAN ONOFRE NUCLEAR GENERATING STATION
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SUMMARY

SAN ONOFRE NUCLEAR GENERATING STATION

1988 ANNUAL EMERGENCY PLAN EXERCISE

SUMMARY

INITIAL CONDITIONS

Unit 2, which is operating at full power, was recently returned to service from an outage for steam generator tube repairs. While shutdown, the RCS was drained to midloop, and steam generator primary-side manways were open. Since the return to power, RCS activity increased to near the Technical Specification limit. Normal (minor) RCS leakage has resulted in equilibrium containment radiation of about 200 mR/hr.

About an hour before the drill, containment radiation increased to about 1 R/hr, while no increase in RCS leakage could be identified. Subsequent investigation (after the drill) would reveal that a tool dropped in the RCS during the steam generator work propagated extensive damage in the reactor, loosening other parts and ultimately causing 5% fuel failure.

Chemistry sampling was initiated to determine if RCS activity had increased (the letdown monitor is out of service). Using the Post Accident Sampling System, a sample was drawn, and counting started at 0800. Counting is expected to be done by about 0830. Chemistry personnel are pre-staged at the Radiochemistry Lab, and briefed on sampling and radiological conditions.

Train A HPSI pump 2P017 is out of service for replacement of the outboard motor seal. Repairs are nearly finished; the pump will need to be inspected by a foreman, the clearance released, and observed when the seal is run in. Players are pre-staged at the pump and briefed on this activity.

Diesel generator 2G003 is operating on line for a one-hour surveillance run. Operators at the simulator are briefed on the diesel status.

Electricians are working on the Control Room annunciator system, searching for a DC ground. Players are pre-staged and briefed at Panel 2L040-04R.

Management briefings are staged prior to the start of the drill to apprise personnel of the changing plant conditions. Briefings are limited to information that would normally be available through morning meetings and reports from staff personnel.

LOSS OF CONTROL ROOM ANNUNCIATORS

At 0800, an electrician working on the annunciators causes a short, which trips the power supply and leaves the control room without annunciators. The worker's hand is burned by the short, and he is injured falling from a ladder.

After 5 minutes, the loss of annunciators meets the criteria of event code D2-3 for declaration of an Alert. Notification of offsite agencies is initiated by the Shift Communicators at the simulator. Unit 1 Shift Communicators are contacted to assist with PA announcements, siren activation and recall of Emergency Response Personnel.

Emergency Service Officers (ESOs) are notified of the injured worker via PAX 86911 before emergency announcements are made. The electrician is given first aid by ESOs at the scene, and placed in the ambulance for transport to the Mesa Medical Facility. The ambulance is stopped at the PA fence by the controller, and further transport is simulated.

Unit 2/3 Emergency Response Facilities are activated by personnel recalled from work locations by about 0830. The Station Emergency Director assumes Emergency Coordinator duties following turnover from the Shift Superintendent by phone.

The EOF is activated by Emergency Support Organization personnel recalled from locations in San Clemente, by about 0900. Emergency Coordinator duties are turned over to the Corporate Emergency Director at about 0915.

Annunciators may be restored to service any time after 0840, when participants have walked through appropriate actions. Restoration requires collecting and walking through the use of cleanup and circuit testing equipment, and coordination between repair technicians and Operations. Personnel assigned to this activity may be kept on the job when the Alert is declared, rather than allowed to report to the OSC. If they remain in the field, OSC team tracking should reflect their assignments and work status.

5% FAILED FUEL

At 0840, RCS sample analysis results are obtained by technicians in the Radiochemistry Lab, indicating 35 uCi/cc DE I-131. The activity level represents 5% failed fuel, which meets the Alert criteria of event code C2-1.

Operations response to the sample results is to initiate plant shutdown. Drill controllers ensure that the rate of power decrease does not exceed 15%/hour, to maintain consistency with prepared radiological data.

Sample results are received about the same time, or shortly after, Emergency Response Facilities are being activated. Station Technical should evaluate the extent of fuel damage, and the potential for a release to atmosphere. Health Physics should evaluate the effects of increased RCS activity on plant radiological conditions.

LOSS OF 1E 4KV BUS

At 0910, Train B 1E 4kV bus 2A06 trips due to a ground fault. This also trips diesel generator 2G003 output breaker. The emergency class is not affected. Response is to investigate and initiate bus repairs.

Personnel at 2A06 find ground fault relay targets tripped. Investigation reveals a buswork fault due to an enclosure panel, which fell and contacted the bus. Repairs should be initiated to remove and secure the fallen bus enclosure panel, and to inspect and megger the bus. Inspection shows the bus bars are damaged too severely to be returned to service. Plans should be made for replacing the bus bars, which will delay repairs until the parts can be ordered and delivered from the vendor. There are no ESF loads needed immediately, so probably no other

emergency repairs will be attempted on 2A06 at this time.

STEAM GENERATOR TUBE RUPTURE AND LOSS OF SI

At 0945, a tube ruptures in steam generator E089, resulting in rapid RCS depressurization and initiation of safety injection. The tube rupture meets the Site Area Emergency criteria of event code B3-1. Because of the existing fuel damage, and the release path that exists until the affected steam generator is isolated, it is possible that a General Emergency may be declared. If necessary, a contingency cue card will be used to limit the emergency class to Site Area Emergency, to ensure the objective concerning assembly of site personnel can be evaluated.

HPSI pump 2P018 starts in response to the safety injection signal, then trips due to a faulty breaker. This is the swing pump, aligned to Train A because the normal Train A pump, 2P017, is out of service for repairs. The Train B pump, 2P019, does not operate because of the loss of ESF bus 2A06. This leaves the unit with no high pressure safety injection.

MAIN STEAM LEAK

At 1030, a steam leak occurs at the main steam line connection with the steam supply to the auxiliary feedwater pump turbine. The leak cannot be isolated, and results in an uncontrolled release of fission products to the environment. The conditions meet the General Emergency criteria of event code B4-2.

Radiological conditions in the area of the steam leak are highly contaminated, with exposure rates as high as 10 R/hour whole body.

REPAIRS

Emergency repair activities are directed primarily to restoring a HPSI flow. This can be done by repairing the breaker to 2P018, by returning 2P017 to service, or by restoring power to bus 2A06. The fastest response is to return 2P017 to service, which requires picking up the clearance and aligning the pump for service. Any of these repairs will be successful when the appropriate steps have been walked through, including retrieval of necessary parts and tools.

At about 1200, main steam pressure decreases to 0 psig, and the release is terminated. The steam leak may be patched by walking through appropriate steps, and staging the necessary equipment at the repair location. This may be started before steam pressure reaches 0 psig.

HAZARDOUS MATERIAL SPILL

At 1215, a Security officer reports a gasoline spill at the Mesa gasoline pumps. Emergency Service Officers respond to contain and clean up the spill. Upon arrival, it is found that some gasoline has leaked into the sewer drain system. Efforts should be made to determine the amount of gasoline spilled, and the location of the sewer outfall.

RECOVERY

At 1300, cue cards are given to NERT and ESO management to initiate recovery planning. Personnel should review EPIP, ESO Manual and Emergency Plan requirements for recovery; identify equipment, personnel and other resources needed to restore or stabilize plant conditions; and discuss organizational needs to manage the recovery.

The exercise may be terminated when all objectives have been evaluated, at approximately 1400.

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SEQUENCE OF EVENTS

SAN ONOFRE NUCLEAR GENERATING STATION
1988 EMERGENCY PLAN EXERCISE

SEQUENCE OF EVENTS

CUE CARD	TIME	LOCATION	EVENT DESCRIPTION	ANTICIPATED RESPONSE
1	Pre-drill	All drill participants	Initial conditions: 100% power operation; increasing RCS activity; HPSI pump 2P017 out of service for seal repairs. Diesel Generator 2G003 operating for 1 hour surveillance run. Electricians are working on DC ground in annunciator system.	a. Review initial conditions.
	Pre-drill	Simulator Instructor	Initialize simulator to IC-20.	
1A	Pre-drill	Operations personnel at Simulator	Pre-shift briefing	a. Review initial conditions; assume responsibility for plant operations.
1B	Pre-drill	Maintenance personnel at 2P017	Briefing on status of repairs to HPSI pump.	a. Review initial conditions.
1C	Pre-drill	Personnel at Electrical Panel 2L040-04R	Briefing on search for annunciator ground in panel 04R.	a. Review initial conditions.
1D	Pre-drill	Chemistry, HP personnel in Radio-Chem Lab	Briefing on RCS sampling technique and conditions.	a. Review initial conditions.
1E	Pre-drill	Station Management	Briefing on changing plant conditions.	a. Review initial conditions.
	0800	Simulator Instructor	Activate malfunction for loss of all Control Room annunciators.	a. Declare Alert per event code D2-3. b. Initiate recall; activate all ERFs. c. Initiate troubleshooting and repair of control room annunciators. d. Send repair teams back to 2P017.
2	0800	Personnel at Panel 2L040-04R	While searching for a DC ground in the annunciator system, electrician receives an electrical shock and falls from ladder; details of injury.	a. Call 86911 for emergency medical assistance. b. Report the incident to the Control Room. c. Initiate cleanup and repairs.

SEQUENCE OF EVENTS

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3	~ 0810 (upon arrival)	ESOs at Panel 2L040-04R	Medical indications of injured worker.	a. Provide first aid to injured worker.
4	0820 (cont)	Emergency Coordinator	Declare Alert per event code D2-3.	a. Notify offsite agencies.
5	~0820 (cont)	Operator at Panel DSP4	Annunciator power supply breaker is tripped, and continues to trip after resetting, due to short in circuit.	a. Report finding to Control Room.
6	0840	HP Count Room	RCS sample results indicate 5% failed fuel.	a. Initiate shutdown (about 15% per hour).
	0910	Simulator Instructor	Initiate malfunction to trip 1E 4 kV bus 2A06 from ground relay.	a. Send team to investigate and repair.
7	~ 0920 (upon arrival)	Operator at 2A06	Bus ground relay target, conditions in area (smell of burned insulation); 2A06 supply breaker and 2G003 output breaker overcurrent relay targets down.	a. Report findings to Control Room, OSC.
8	~ 0935 (upon arrival)	Electricians at 2A06	Bus conditions upon inspection (relays, fallen bus enclosure panel, burn marks, megger indications if attempted).	a. Report results to OSC. b. Initiate parts retrieval and repairs.
	0945	Simulator Instructor	Initiate malfunctions for Steam Generator Tube Rupture on E089; HPSI pump 2P018 trip resulting in total loss of high pressure Safety Injection.	a. Declare SAE per event code B3-2. b. Initiate PA evacuation and assembly. c. Initiate repair of 2P018 and 2A06.
9	~ 0955 (upon arrival)	Operator at 2P018 breaker	No apparent cause for trip of HPSI pump 2P018 A Train supply breaker; breaker trips again if reclose is attempted.	a. Report findings to Control Room, OSC.
10	1000 (cont)	Emergency Coordinator	Declare Site Area Emergency per event code B3-2.	a. Notify offsite agencies; consider PARs.
11	~ 1005	Repair Team at 2P018 breaker	Upon investigation, overcurrent relay is found to be defective.	a. Report findings to OSC. b. Replace opening coil.
	1030	Simulator Instructor	Initiate malfunction for failure at junction of 26" steam header and 6" supply line to steam-driven AFWP.	a. Declare General Emergency per event code B4-2.
12	1045	Emergency Coordinator	Declare General Emergency per event code B4-2.	a. Notify offsite agencies; consider PARs.

SEQUENCE OF EVENTS

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13	1100	EOF Liaison	Information received from State Parks about Sailboat race from Dana Point to Oceanside.	a. Utilize available resources to notify and evacuate race participants from the affected area.
14	1200	Security Radio Channel	Information received from Security officer about gasoline spill on Mesa.	a. Dispatch Hazardous Material spill responders.
15	~ 1215	ESO Personnel	Conditions of gasoline spill.	a. Initiate containment and cleanup.
16A	1300	Emergency Coordinator	Initiate Recovery actions	
16B	1300	Station Emergency Director	Initiate Recovery actions	
17	1400	Emergency Coordinator	Terminate Exercise	

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

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CUE CARD 1

Guidelines for Exercise Conduct
Morning Report

SAN ONOFRE NUCLEAR GENERATING STATION
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Guidelines for Exercise Conduct

SAN ONOFRE NUCLEAR GENERATING STATION
OCTOBER 26, 1988, EMERGENCY PLAN EXERCISE
GUIDELINES FOR EXERCISE CONDUCT

A. All Emergency Response Personnel

1. Supervisors are responsible for designating Exercise participants. All groups with emergency duties at Units 2/3 must be represented in the Exercise.
2. All site personnel must follow instructions given by PA announcement before and after siren activation. Certain personnel will be directed to respond; others will be directed to continue with their normal work. Any time you hear sirens, proceed to an assembly area unless directed otherwise by PA announcements.
3. The PA system shall be restricted to Exercise use, except for operations and emergencies.
4. Exercise activities shall be conducted to minimize interference with ongoing plant operations.
5. All security procedures remain in effect during the Exercise.
6. Onsite participants shall be pre-staged at the Unit 2 Control Room Simulator, the Radiochemistry Lab, HPSI pump 2P017 and electrical panel 2L040-04R. Other onsite participants should respond from normal work locations.
7. Emergency Support Organization personnel shall be recalled from the General Office and other designated locations.
8. For Exercise purposes, contact the Control Operator at PAX 88493, and the Common Control Operator at PAX 88492. Contact the Operations Leader at PAX 88492 or Ivory Phone ext. 24.
9. Carry out emergency response assignments as follows:
 - a. Walk through the assignment, performing such steps as retrieving tools, equipment and procedures; reporting to supervision and the Simulator Control Room, and wearing protective gear;
 - b. Do not manipulate plant equipment or controls, unless directed by a drill controller;
 - c. Observe all security, HP, safety and administrative controls;
 - d. Assume equipment works normally, unless told otherwise by a controller or indicated by drill guidelines, props or signs;

A. All Emergency Response Personnel (continued)

- e. Describe all your actions and communications to the controller observing your response.
- 10. All announcements and notifications should be preceded and followed by the statement, "THIS IS A DRILL." If communication lines are kept open for extended periods, periodically repeat the statement.
- 11. Extra ERPs released from Emergency Response Facilities during the drill should respond as non-ERPs for the remainder of the drill.
- 12. Siren activations must be preceded and followed by Exercise announcements on the site and perimeter (beach) PA systems.
- 13. Participants shall remain at Exercise locations for debriefing by team leaders and controllers following the Exercise. Comments should be recorded on the Exercise Participant Comments form.
- 14. Respirators and protective clothing shall be used in accordance with procedures, except when otherwise directed by Exercise controllers.

B. Health Physics Support

- 1. Use paper PCs instead of cloth to avoid depletion of emergency kits and emergency stores.
- 2. Do not use E-Kit Zeolite cartridges.
- 3. SCBAs shall be used for response in simulated airborne radioactivity areas, unless directed otherwise by Exercise controllers.
- 4. Perform all procedural actions for taking air samples, smears, and dose rate surveys.
- 5. Mark survey results with the word "DRILL", and turn them in to the Exercise controller at the end of the Exercise.
- 6. The count room technician shall maintain a log of Exercise samples and turn it in to the OSC controller at the end of the Exercise.

C. Security Support

1. If plant or site evacuation is required, observe all procedure requirements, using actual In-Card Report.
2. If beach evacuation is required, simulate beach siren activation.

D. EOF/TSC Technical Personnel

1. Online simulator data will be available on PCs located in each Emergency Response Facility. Data can be viewed on the screen and printed on local printers. This system is used in lieu of the CFMS for plant data.

E. Shift Communicators

1. Two Units 2/3 Shift Communicators (SC) shall be pre-staged at the simulator. Other participating SCs shall be standing by at their normal work locations.
2. The simulator SC shall be lead SC for all emergency response functions until instructed by the controller to turn over responsibilities to the onsite SCs.
3. Following SC turnover, the simulator SC shall return to the TSC 2/3 to resume lead SC functions.
4. For drill purposes, contact the simulator SC at 88494.
5. If initial recall is required, perform an actual recall for station personnel.
6. For siren activation, call the Control Operators at 86201, 86301, 86401.

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Morning Report

SAN ONOFRE NUCLEAR GENERATING STATION

UNIT 1 MORNING REPORT: 0700

DATE: OCTOBER 26, 1988

PLANT STATUS: MODE 1

REACTOR POWER: 92%
TURBINE POWER: 405 MW

CURRENT CONTINUOUS OPERATION: 82 DAYS
LONGEST CONTINUOUS OPERATION: 218 DAYS
(1975/1976)

INDICATED CUMULATIVE GROSS GENERATION: 44.87×10^9 KWH
SCE PEAK SYSTEM LOAD ON PREVIOUS DAY: 9434 MW ACHIEVED AT 1600.

CHEMISTRY: X NORMAL: ABNORMAL (SPECIFY BELOW)

UNIT PROBLEMS/HIGHLIGHTS

1. None

TELEPHONE NOTIFICATION OF THE NRC FOR SIGNIFICANT EVENTS

1. None

OPERATING PLAN (7 day)

1. Continue full power operation at reduced temperature (average).

SAN ONOFRE NUCLEAR GENERATING STATION

UNIT 2 MORNING REPORT: 0700

DATE: OCTOBER 26, 1988

PLANT STATUS: MODE 1

REACTOR POWER: 100%

TURBINE POWER: 1160 MW (GROSS)

CURRENT CONTINUOUS OPERATION: 4 DAYS

LONGEST CONTINUOUS OPERATION: 153 DAYS
(1987)

INDICATED CUMULATIVE GROSS GENERATION: 36.26×10^9 KWH

SCE PEAK SYSTEM LOAD ON PREVIOUS DAY: 9434 MW ACHIEVED AT 1600.

CHEMISTRY: NORMAL: X ABNORMAL (SPECIFY BELOW)

FULL FLOW POLISH DEMIN X INSERVICE BYPASS (SPECIFY BELOW)

UNIT PROBLEMS/HIGHLIGHTS

1. HPSI Pump 2P017 is out of service for seal repairs; return to service expected swingshift 10/26.
2. RCS activity is elevated; chemistry sampling is in progress.

TELEPHONE NOTIFICATION OF THE NRC FOR SIGNIFICANT EVENTS

1. None

OPERATING PLAN (7 DAY)

1. Continue 100% power operations.

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SAN ONOFRE NUCLEAR GENERATING STATION

UNIT 3 MORNING REPORT: 0700

DATE: OCTOBER 26, 1988

PLANT STATUS: MODE 1

REACTOR POWER: 100%

TURBINE POWER: 1165 MW (GROSS)

CURRENT CONTINUOUS OPERATION: 65 DAYS

LONGEST CONTINUOUS OPERATION: 113 DAYS
(1985)

INDICATED CUMULATIVE GROSS GENERATION: 29.96×10^9 KWH

SCE PEAK SYSTEM LOAD ON PREVIOUS DAY: 9434 MW ACHIEVED AT 1600.

CHEMISTRY: X NORMAL: ABNORMAL (SPECIFY BELOW)

FULL FLOW POLISH DEMIN X INSERVICE BYPASS (SPECIFY BELOW)

UNIT PROBLEMS/HIGHLIGHTS

1. None

TELEPHONE NOTIFICATION OF THE NRC FOR SIGNIFICANT EVENTS

1. None

OPERATING PLAN (7 DAY)

1. Continue 100% power operations.

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SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

CUE CARD 1A (OPERATIONS)

Shift Relief Status Sheets
Shift Technical Advisor Morning Report

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

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Shift Relief Status Sheets

UNIT 2/3 SHIFT SUPERINTENDENT
SHIFT RELIEF STATUS SHEET

DATE 10/26/88

TIME 0700

OFFGOING _____
(Name)

ONCOMING _____
(Name)

1A. GENERAL PLANT STATUS UNIT 2:

Mode of Operation 1 Reactor Power (% Full Pwr) 99.8
Generator (MWe) 1160 Rod Position ARO RCS Boron 776
Sample/Meter
EFPD 300

Operating Limits: (Modes 1 and 2 QSPDS A or B page 502)

CPCs; LPD 4.8 DNBR 0.4 COLSS; LPD 122 DNBR 123
Margin Margin % Power % Power

2A. CRITICAL PARAMETERS UNIT 2: (Modes 1 and 2 from QSPDS A or B page 502)

PARA-METER	Tcold	S/G 089 LEVEL	S/G 088 LEVEL	PZR PRESS	RCS SUB-COOLING	PZR LEVEL	COLSS POWER MARGIN	AXIAL SHAPE INDEX
Limits	Hi-555 Lo-544	Hi-80% Lo-50%	Hi-80% Lo-50%	Hi-2275 Lo-2100	≥ 30°F	Hi-59% Lo-23%	Zero	ESI <u>+0.013</u> ±0.05
Current	<u>553</u>	<u>66</u>	<u>67</u>	<u>2245</u>	<u>45</u>	<u>55</u>	<u>+0.1</u>	<u>+0.013</u>

3A. ESFAS STATUS UNIT 2 ("X" OOS Systems):

SIAS A B STBY PWR A B EFAS A B
CSAS A B CCAS A B MSIS A B
CIAS A B RAS A B

COMMENTS: 2P017 out of service for seal repairs
(time out Monday 10/24 @ 0900, due back 10/27 @ 0900)

4A. Containment Isolation Valve status, valves out of normal alignment, and reason. If position indication is inoperable, have emergency maintenance performed.

Normal

5A. Reactor Protective System Status Unit 2: (B-Bypassed, I-In Test, T-Tripped, S-Simulated Signal)

PPS A B C D

CPC A B C D

CEAC 1 2

1B. GENERAL PLANT STATUS UNIT 3:

Mode of Operation 1 Reactor Power (% Full Pwr) 100

Generator (MWe) 1175 Rod Position ARO RCS Boron Samp/meter
EFPD 58

Operating Limits: (Modes 1 and 2, QSPDS A or B page 502)

CPCs; LPD 4.7 DNBR 0.4 COLSS; LPD 120 DNBR 122
Margin Margin % Power % Power

2B. CRITICAL PARAMETERS UNIT 3: (Modes 1 and 2 from QSPDS A or B page 502)

PARA-METER	Tcold	S/G 089 LEVEL	S/G 088 LEVEL	PZR PRESS	RCS SUB-COOLING	PZR LEVEL	COLSS POWER MARGIN	AXIAL SHAPE INDEX
Limits	Hi-555 Lo-544	Hi-80% Lo-50%	Hi-80% Lo-50%	Hi-2275 Lo-2100	≥ 30°F	Hi-59% Lo-23%	Zero	ESI <u> </u> ±0.05
Current	<u>553</u>	<u>65</u>	<u>65</u>	<u>2250</u>	<u>45</u>	<u>55</u>	<u>Ø</u>	

3B. ESFAS STATUS UNIT 3 ("X" OOS Systems):

SIAS A B STBY PWR A B EFAS A B
CSAS A B CCAS A B MSIS A B
CIAS A B RAS A B

COMMENTS: Normal

4B. Containment Isolation Valve Status: (valves out of normal alignment, and reason. If position indication is inoperable, have emergency maintenance performed.)

Normal

5B. Reactor ~~Protective System~~ Status Unit 3: (B-Bypassed, I-In Test, T-Tripped, S-Simulated Signal)

PPS A _____ B _____ C _____ D _____

CPC A _____ B _____ C _____ D _____

CEAC 1 _____ 2 _____

6. CVCS AND REACTOR CONTROL SYSTEM STATUS: (evolutions, tests abnormal conditions)

Unit 2 Normal

Unit 3 Normal

7. RADWASTE STATUS: (evolutions, releases, or abnormal conditions)

Normal

8. SECONDARY PLANT: (evolutions, tests, or abnormal conditions)

Unit 2 Normal

Unit 3 Normal

9. PLANT AUXILIARY STATUS: (evolutions, tests, or abnormal conditions)

Unit 2 Normal

Unit 3 Normal

10. Electrical Status: Circle equipment which is inoperable or requires further attention, i.e., jumpers installed, transfer schemes not in Auto, etc.)

2XR1	2XR2	2XR3		3XR1	3XR2	3XR3	
2A04	2A06	2B04	2B06	3A04	3A06	3B04	3B06
2G002		2G003		3G002		3G003	
2D1	2D2	2D3	2D4	3D1	3D2	3D3	3D4
2XM	2XU1	2XU2		3XM	3XU1	3XU2	
2A01	2A02	2A03	2A07	3A01	3A02	3A03	3A07
2A08	2A09	<u>2D5</u>	2D6	3A08	3A09	3D5	3D6

Switching: _____

Comments: Electricians working on a DC ground in the annunciator system; 2G003 monthly surveillance run in progress

11. Existing Abnormal Alignments and Evolutions per S0123-0-23.

Unit 2 None new

Unit 3 None new

12. Equipment in Technical Specifications allowable degraded mode of operation (include time degraded and time allowed to be degraded).

Unit 2 2P017 (46 hours into 72 hour action statement, due back at 0900 10/27).

Unit 3 None

13. Other unusual conditions or problems during shift (include information from associated positions turnovers) Elevated rad levels noted inside containment; chemistry sampling for RCS activity in progress.

14. Activities scheduled or expected during oncoming shifts (outages, surveillance, etc.)

15. Shift Superintendent's Accelerated Maintenance Activities in Progress:

None

Additional Comments:

I have discussed/reviewed the following: (initial below)

- A. All items on this Relief Sheet
- B. The Chronological Log^[1]
- C. The LCOAR/EDMR Logs
- D. The Control Room Status Displays

JS
Initials

I hereby assume the Shift Superintendent on-shift duty station.

JS Superintendent 10/26/88, 0700
Signature Date Time

COMMENTS:

[¹]See steps 6.4.1.3 and 6.4.2.1 of this procedure.

FILE DISPOSITION: File per S0123-0-32.

UNIT 2(3) CONTROL OPERATORS AND CONTROL ROOM SUPERVISOR
SHIFT RELIEF STATUS SHEET

DATE 10/26/88

TIME 0700

POSITION CO ACO CRS-2 CRS-3 CRS-C

UNIT 2 (2 or 3)

OFFGOING _____

ONCOMING _____

1. GENERAL PLANT STATUS

Mode of Operation 1 Reactor Power (% Full Pwr) 99.8
Generator (MWe) 1160 Rod Position ARO RCS Boron 776
EFPD 300 Sample Meter

Operating Limits: (Modes 1 & 2)

CPCs; LPD 4.8 DNBR 0.4 COLSS; LPD 122 DNBR 123
Margin Margin % Power % Power

2. CRITICAL PARAMETERS: (QSPDS A or B pg 502)

PARA-METER	Tcold	S/G 089 LEVEL	S/G 088 LEVEL	PZR PRESS	RCS SUB-COOLING	PZR LEVEL	COLSS POWER MARGIN	AXIAL SHAPE INDEX
Limits	Hi-555 Lo-544	Hi-80% Lo-50%	Hi-80% Lo-50%	Hi-2275 Lo-2100	$\geq 30^{\circ}\text{F}$	Hi-59% Lo-23%	Zero	ESI <u>+0.013</u> ± 0.05
Current	<u>553</u>	<u>66</u>	<u>67</u>	<u>2245</u>	<u>45</u>	<u>55</u>	<u>+0.1</u>	<u>+0.013</u>

3. ESFAS STATUS ("X" OOS Systems):

SIAS A B STBY PWR A B EFAS A B
CSAS A B CCAS A B MSIS A B
CIAS A B RAS A B

COMMENTS: 2 Po17 out of service for seal repairs
(time out Monday, 10/24 @ 0900, due back 10/27
@ 0900).

4. Containment Isolation Valve status: (valves out of normal alignment, and reason. If position indication is inoperable, have emergency maintenance performed.) _____

Normal

5. Reactor Protective System Status: (B-Bypassed, I-In Test, T-Tripped, S-Simulated Signal)

PPS A _____ B _____ C _____ D _____

CPC A _____ B _____ C _____ D _____

CEAC 1 _____ 2 _____

6. Reactor Coolant System (circle in-service equipment):

RCP Status: P-001 P-003 P-004 P-002

SDC Status: N/A P-016 P-015 Loop 1B 2A 1A 2B Flow FIC-0306

PZR Press Control: Spray, PV-0100A PV-0100B AUTO/MAN

PZR Level Control: Letdown Valves, LV-0110A LV-0110B AUTO/MAN

Backpress. Reg. Vlvs., PV-0201A PV-0201B AUTO/MAN

Charging Pumps, P-190 P-191 A or B P-192

VCT Makeup Mode: Auto/Manual

Blend Setpoints: BA _____ PMW _____ Blend _____

Comments: _____

7. Secondary Energy: (circle in-service equipment)

Aux FW Pumps: P-504 P-140 P-141 Flow, S/G-088 FI-4720 S/G-089 FI-4725

Main FW Pumps/Turbines: K005/P063 AUTO/MAN K006/P062 AUTO/MAN

SBCS Valves: HV-8423 HV-8424 HV-8425 HV-8426

Condensate Pumps: P-050 P-051 P-052 P-053

Condenser Vacuum: ~2 W/ AEJ or P-054

Turbine Gov. Control: CVOL Narrow Range

Full Flow Cond. Polishing Demin. Status: 5 1/5

BPS Demin. Status: 100 gpm per S/G

Comments: _____

8. Waste Heat Removal Systems: (Auto, Manual, ON, OFF, Standby, OOS, Inoperable)

TPCW Pumps: P-120 P-119 A other unit split

CIRC WTR Pumps: P-115 P-116 P-117 P-118

SALT WTR Pumps: P-112 P-113 P-114 P-307

CCW Pumps: P-024 P-026 P-025 A TRN A or B

Stator Water Pumps: P-290 A P-291

NCL on TRN A or B L/D HX on TRN A or B

Comments: _____

9. Computers Status: (circle in-service equipment)

PMS CFMS QSPDS A B

Comments: _____

10. Electrical Status: ("X" OOS equipment)

2XR1	2XR2	2XR3		XM	XU1	XU2	125 VDC
3XR1	3XR2	3XR3		A01	A02	A03	
2A04	2A06	3A04	3A06	A07	A08	A09	Non 1E UPS
B04	B06	G002	G003	D1	D2	D3	D4 D5 D6

Switching: _____

Comments: Electricians working on a DC ground in the annunciator system; 2 G003 monthly surveillance run in progress.

11. HVAC System Status: ("X" OOS systems)

Containment Normal Cooling: E-202 E-201 Normal Coolers _____

FH Bldg. Normal Ventilation: A-316 A-317 A-359 A-360

FH Bldg. Emerg. Cooling: E-371 E-370

CPIS A B FHIS A B

Comments: Normal

12. New Annunciator Compensatory Actions (ACA) and Annunciator Setpoint Changes (ASC) this shift.

WINDOW	(Circle One)
ACA	ASC
ACA	ASC
ACA	ASC
ACA	ASC

WINDOW	(Circle One)
ACA	ASC
ACA	ASC
ACA	ASC
ACA	ASC

Comments: _____

13. New Equipment in Technical Specifications allowable degraded mode of operation (include time degraded and time allowed to be degraded). (SRO Initial Active LCOARs)

2 P017 (46 hours into 72 hour action statement,
due back at 0900 10/27).

14. Existing Abnormal Alignments and Evolutions per S0123-0-23. (Specify any compensatory actions required for this Watch Station)

see book, none new

15. Other unusual conditions or problems during shift (include information from associated positions turnovers)

Elevated rad levels noted
in containment; chemistry sampling for RCS
activity in progress.

16. Activities scheduled or expected during oncoming shifts (outages, surveillance, etc.)

Additional Comments:

I have discussed/reviewed the following: (initial below)

- A. All items on this Relief Sheet
- B. The chronological log^[1]
- C. The LCOAR/EDMR Logs
- D. The Annunciator Status Book
- E. The Control Room Status Displays

Initials

I hereby assume the following on-shift duty station.

POSITION: CRS UNIT CO. UNIT ACO Joe Supervisor 10/26/88 0700
Circle One Signature Date Time

REVIEWED BY: Joe Superintendent 10/26/88 0700
Supervisors Signature Date Time

COMMENTS: _____

[¹]See steps 6.4.1.3 and 6.4.3.1 of this procedure.

FILE DISPOSITION: File per S0123-0-32.

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Shift Technical Advisor Morning Report

SAN ONOFRE NUCLEAR GENERATING STATION - UNIT 1
SHIFT TECHNICAL ADVISOR'S
MORNING REPORT

TIME: 0700

DATE: 10-26-88

STA: EISCHEN

A. PLANT STATUS: Mode: ONE
Tave (F): 552.0
Reactor Power (%): 92
Elec. Power (MWe): 405
Rods (Group/Steps): CB II / 297 Steps
RCS Pressure (psig): 2083
RCS Boron (ppm): 202
Condenser Backpressure (in Hg): 1.7
Circ Water Delta Temp (F): 19.2
Circ Water Inlet Temp (F): 63.2
Circ Water Delta P (in Hg): 10 / 14.5 / 11 / 14.4
Blowdown Activity (cpm): 2100
S/G Blowdown A/B/C (gpm): 18 / 18 / 18 (1/4 turn)
Condenser Air Removal (E/W cfm): 4.5 / 2.0
Condensate Oxygen Conc. (E/W ppb): 12 / 12 (spec is <10)

B. PROBLEMS, COMMENTS, ABNORMAL CONDITIONS: NONE

C. UNIT TRIP HAZARDS: NONE

D. SHUTDOWN LCOARS: NONE

E. ROUTINE LCOARS:

Number	Description	Comments
1-88-122	Train A H2 Monitor	Erratic Operation
1-88-131	PASS Boronometer	Surveillance

END OF REPORT

880511

SAN ONOFRE NUCLEAR GENERATING STATION - UNITS 2 AND 3
MORNING REPORT
SHIFT TECHNICAL ADVISORS

TIME: 0600 DATE: 10-26-88 STA: R. V. MITCHELL

A. PLANT STATUS:	UNIT 2	UNIT 3
1. Mode	1	1
2. Reactor Power (% Full Power) CV9005, Computer	100	100
3. Electrical Output (MWe Gross) MW Demand Meter	1160	1165
4. Cold Leg Temperature (F) T125, Computer	553	553
5. RCS Pressure (psia) 56-A	2250	2250
6. Boronometer (ppm) 50-A	875	1145
7. CEAs (Group/Position - Inches) 50-A	ARO	ARO
8. Blowdown (E088/E089 gpm) F4055, F4056	100/100	100/100
9. Blowdown Activity (E088/E089 cpm) RR 6759/6753	500/1500	250/300
10. Condenser Backpressure ("HgA) South/Central/North,, 53-B	2.2/2.4/2.3	2.1/2.5/2.2
11. Condenser Air Removal (cfm) FI3317	4.8	5.3
12. Circ Water Inlet Temp (F) Data Logger	63.2	63.0
13. Condenser Delta T (F) Data Logger	19.5	19.5
14. Dissolved Oxygen (ppb) Condensate	7	6
15. RT7870 (uc/cc) Cond Air Ejector	4.2E-7	6.5E-7
16. RT7804C (cpm) Containment Gaseous	2.6E+5	3.7E+3
17. Circ Water dp(psid) 115/116/117/118	6.9/7.5/7.5/6.1	6.5/7.3/7.7/6.2

B. PROBLEMS, COMMENTS, ABNORMAL EQUIPMENT, ETC.:

UNIT 2 TRIP HAZARDS: 1. NONE

S/D LCOARS: 1. HPSI P017 OOS FOR SEAL REPAIRS.

OTHER COMMENTS: 1. FULL POWER OPERATION CONTINUES
2. RCS ACTIVITY INCREASING, CHEMISTRY SAMPLING
IN PROGRESS

COMMON TRIP HAZARDS: 1. NONE

S/D LCOARS: 1. NONE

OTHER COMMENTS: 1. NONE

UNIT 3 TRIP HAZARDS: 1. NONE

S/D LCOARS: 1. NONE

OTHER COMMENTS: 1. FULL POWER OPERATION CONTINUES
2. TURBINE TRIP TEST COMPLETED

END OF REPORT

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

CUE CARDS 1B THROUGH 17

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

SIMULATOR INSTRUCTIONS

TIME: Pre-drill (approximately 0700)

DISTRIBUTION: N/A

LOCATION: Unit 2 Control Room Simulator

CONTROLLER
INSTRUCTIONS:

1. Establish drill initial conditions on the simulator as follows:
 - a. Initialize Simulator to IC-20.
 - b. Lock out HPSI pump 2P017 (malfunction EC08C) with DC power off.
 - c. D/G 2G003 operating unloaded for 1 hour surveillance run.
 - d. Override ON alarm window 58A59 "ANNUNCIATOR GROUND."

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 1A

TIME: Pre-drill (approximately 0715)

DISTRIBUTION: Operations Supervision and Control Room Personnel

LOCATION: Unit 2 Control Room Simulator

CONTROLLER
INSTRUCTIONS:

1. Pre-stage personnel in the Simulator for briefing
 - a. Review the Guidelines for Drill Conduct, emphasizing the rules for carrying out emergency assignments.
 - b. Have players sign attendance sheets.
 - c. Demonstrate the PC Radiation Monitor Display.
2. Brief personnel on initial plant conditions
 - a. Allow personnel to inspect the control boards and review the shift relief status sheets and STA Morning Report.
 - b. Describe the sequence of events up to this point:

TIME
0415

EVENT

Alarm annunciator 50A51, "VIBRATION AND LOOSE PARTS MONITOR SYSTEM TROUBLE", was received in the Control Room. Inspection of the Vibration and Loose Parts Monitor revealed an apparently valid loose parts alarm originating in the core barrel. Listening to the audio channel on the Vibration and Loose Parts Monitor revealed a repetitive noise.

0430

Containment activity was noticed to be increasing rapidly, from an earlier steady state value of about 200 mR/hour to over 1 R/hour on 2RT 7820 and 7848. There was no evidence of RCS leakage. Leak rate calculations were initiated.

0510

Leak rate calculations failed to indicate any RCS leakage. The chemistry foreman was called to request immediate RCS sampling and analysis. The cause of the increased containment activity was suspected to be some damage to the fuel, possibly from loose parts in the reactor.

CUE CARD # 1A
(continued)

0530 When sample flow was initiated in the Radiochemistry Lab by the Chemistry Technician, the Sample/PASS Isolation Monitors 2/3 RT 7838 and 7839 immediately alarmed and closed the sample isolation valves. The Chemistry Technician left the area and reported the event to the Chemistry Foreman.

0600 A tailboard was conducted with Chemistry, Health Physics and Operations to better plan the RCS sampling. It was determined to continue sampling at the PASS Lab, using continuous HP coverage.

0700 RCS sampling was initiated for the second time, at the PASS lab. When flow was initiated, the Sample/PASS Isolation Monitors 2/3 RT 7838 and 7839 both went off scale high. An unseparated PASS liquid sample, diluted to 1 ml, was collected, which read approximately 15 mR/hour contact. The sample was sent to the Radiochemistry Lab for isotopic analysis.

The RCS sample is now counting, and results are expected at about 0840.

3. Encourage players to pursue updated information as they consider appropriate, WHEN the start of the drill is signalled. Until then, no contact should be made with drill participants outside the simulator.
4. At 0800, tell players the drill is started.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 1B

TIME: Pre-drill (approximately 0745)

DISTRIBUTION: Maintenance Personnel

LOCATION: HPSI Pump 2P017

CONTROLLER

INSTRUCTIONS:

1. Pre-stage maintenance personnel at HPSI pump 2P017
 - a. Personnel have removed PCs and are ready to return to the HP Control Point at any time.
 - b. The work area has been decontaminated and the step-off pad removed.
2. Describe the status of HPSI pump 2P017 repairs
 - a. Give the clearance stub for 2P017 to the machinist.
 - b. The inboard pump seal has just been replaced and reassembled.
 - c. The motor is recoupled.
 - d. The pump is ready to be cleared off.
 - e. The foreman has not inspected the work.
 - f. The new seal has not been run in.
3. Control the timing of the briefing
 - a. Complete briefing before the emergency siren and PA announcements are made.
 - b. Keep the players at the work location until the siren is activated (between 0815 and 0830).
 - c. To delay players at the work location, you can review drill guidelines (describe the rules for carrying out emergency response assignments), have them sign attendance sheet, and have them describe what their next steps will be.
4. Allow players to respond to the emergency siren and PA announcements as they normally would.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 1C

TIME: Pre-drill (Approximately 0745)

DISTRIBUTION: Maintenance Personnel

LOCATION: Electrical Panel 2L040-04R

CONTROLLER

INSTRUCTIONS:

1. Pre-stage maintenance personnel at Electrical Panel 2L040-04R.
 - a. Have personnel assemble appropriate tools and equipment.
2. Describe the status of the search for the DC ground.
3. Control the timing of the briefing
 - a. Review drill guidelines (describe the rules for carrying out emergency response assignments), have them sign attendance sheet, and have them describe what their next steps will be.
 - b. Complete briefing before 0800, to allow Cue Card #2 to be delivered at appropriate time.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 1D

TIME: Pre-drill (approximately 0730)

DISTRIBUTION: Chemistry, HP Technicians

LOCATION: Radiochemistry Lab

CONTROLLER
INSTRUCTIONS:

1. Pre-stage personnel in Unit 2/3 Radiochemistry Lab for briefing
 - a. Include drill Chemistry and Health Physics technicians and foremen.
 - b. Review rules for carrying out emergency response assignments and have players sign attendance sheets.
 - c. Encourage players to take notes during briefing.
2. Describe the sequence of events up to this point:

TIME
0510

EVENT

The Control Room Supervisor called the Chemistry Foreman, to request immediate RCS sampling and analysis. The basis for the request was rapidly increasing containment activity (from about 200 mR/hour to over 1R/hour), with no evidence of increased RCS leakage. The cause of the increased containment activity was suspected to be some damage to the fuel, possibly from loose parts in the reactor. This is supported by a loose parts monitoring system alarm, which was received at 0415 this morning.

0530

When sample flow was initiated in the Radiochemistry Lab by the Chemistry Technician, the Sample/PASS Isolation Monitors 2/3 RT 7838 and 7839 immediately alarmed and closed the sample isolation valves. The Chemistry Technician left the area and reported the event to the Chemistry Foreman.

0600

A tailboard was conducted with Chemistry, Health Physics and Operations to better plan the RCS sampling. It was determined to continue sampling at the PASS Lab, using continuous HP coverage.

0700

RCS sampling was initiated for the second time, at the PASS lab. When flow was initiated, the Sample/PASS Isolation Monitors 2/3 RT 7838 and 7839 both went off scale high.

CUE CARD # 1D
(continued)

An unseparated PASS liquid sample, diluted to 1 ml, was collected, which read approximately 15 mR/hour contact. The sample was sent to the Radiochemistry Lab for isotopic analysis.

The RCS sample is now counting, and results are expected at about 0840.

4. Inform the Chemistry Foreman that he has briefed his management, Operations supervision, and HP supervision, of the RCS sampling evolution up to this point.
5. Direct personnel involved in the briefing to wait for sample results, or return to other work locations, as they consider appropriate.
6. Tell personnel they are not to take further drill actions until they are contacted by other participants, or notified the drill has started by PA announcements or by a controller.
7. Allow personnel to respond to contacts by other participants, or to PA announcements, any time after 0800.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 1E

TIME: Pre-drill (approximately 0730)

DISTRIBUTION: Station Management
LOCATION: AWS Building

CONTROLLER
INSTRUCTIONS:

1. Brief personnel at normal work locations
 - a. Review the Guidelines for Drill Conduct, emphasizing the rules for carrying out emergency assignments.
 - b. Have players sign attendance sheets.
2. Describe the sequence of events up to this point:

TIME
0415

EVENT

Alarm annunciator 50A51, "VIBRATION AND LOOSE PARTS MONITOR SYSTEM TROUBLE", was received in the Control Room. Inspection of the Vibration and Loose Parts Monitor revealed an apparently valid loose parts alarm originating in the core barrel. Listening to the audio channel on the Vibration and Loose Parts Monitor revealed a repetitive noise.

0430

Containment activity was noticed to be increasing rapidly, from an earlier steady state value of about 200 mR/hour to over 1 R/hour on 2RT 7820 and 7848. There was no evidence of RCS leakage. Leak rate calculations were initiated.

0510

Leak rate calculations failed to indicate any RCS leakage. The chemistry foreman was called to request immediate RCS sampling and analysis. The cause of the increased containment activity was suspected to be some damage to the fuel, possibly from loose parts in the reactor.

0530

When sample flow was initiated in the Radiochemistry Lab by the Chemistry Technician, the Sample/PASS Isolation Monitors 2/3 RT 7838 and 7839 immediately alarmed and closed the sample isolation valves. The Chemistry Technician left the area and reported the event to the Chemistry Foreman.

0600

A tailboard was conducted with Chemistry, Health Physics and Operations to better plan the RCS sampling. It was

CUE CARD # 1E
(continued)

determined to continue sampling at the PASS Lab, using continuous HP coverage.

0700

RCS sampling was initiated for the second time, at the PASS lab. When flow was initiated, the Sample/PASS Isolation Monitors 2/3 RT 7838 and 7839 both went off scale high. An unseparated PASS liquid sample, diluted to 1 ml, was collected, which read approximately 15 mR/hour contact. The sample was sent to the Radiochemistry Lab for isotopic analysis.

The RCS sample is now counting, and results are expected at about 0840.

3. Direct personnel not to take response actions until contacted by other drill participants, or notified of an emergency (exercise) by PA announcements or recall.
4. Allow personnel to respond to announcements or recall any time after 0800.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

SIMULATOR INSTRUCTIONS

TIME: 0800

DISTRIBUTION: N/A

LOCATION: Unit 2 Control Room Simulator

CONTROLLER
INSTRUCTIONS:

1. Activate malfunction for loss of all Control Room annunciators (ED11).

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 2

TIME: 0800

DISTRIBUTION: Electricians

LOCATION: Electrical Panel L040-04R

CONTROLLER

INSTRUCTIONS:

1. Inform the uninjured electrician that his coworker has received a severe shock while searching for DC ground in annunciator system.
2. The worker fell off the ladder after being shocked. He is conscious and complaining that his back hurts. He has an electrical burn to his right hand.
3. Circuit is shorted and panel damaged by smoke.
4. Encourage the players to respond as they would to an actual incident.
5. Instruct him to report the damage to the Control Room and request emergency medical treatment if he fails to do so (call Simulator Control Operator at 88493).

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 3

TIME: ~ 0810 (upon arrival)

DISTRIBUTION: ESOs

LOCATION: Electrical Panel L040-04R

CONTROLLER
INSTRUCTIONS:

1. Provide the following medical indications of the injured worker, when patient is surveyed:

- a. Primary survey results:

Patient has an open airway, is breathing and has irregular pulse.

- b. Secondary survey results:

HEART BEAT: pulse 100 & irregular

RESPIRATIONS: 12

SKIN: NORMAL

EYES: PEARL

RESTLESS AND IRRITABLE.

BURN TO RIGHT HAND. NO EXIT BURN.

TENDERNESS TO LOWER BACK.

BLOOD PRESSURE: 190 over 105

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 4
(Contingency)

TIME: 0820 (if required)

DISTRIBUTION: Emergency Coordinator

LOCATION: Unit 2 Control Room Simulator

SIMULATED
CONDITIONS:

1. THIS IS A DRILL
2. Declare an Alert per event code D2-3.
3. THIS IS A DRILL

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 5
(contingency)

TIME: ~ 0820 (Upon arrival)

DISTRIBUTION: 42 Operator

LOCATION: D5P4 Electrical Panel

CONTROLLER

INSTRUCTIONS:

1. If Operator is sent to inspect/reset annunciator power supply breaker, provide the following information when appropriate actions have been taken:
 - a. The breaker is tripped.
 - b. It continues to trip after resetting.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 6

TIME: 0840

DISTRIBUTION: Chemistry Technician

LOCATION: Radiochemistry Lab

CONTROLLER
INSTRUCTIONS:

1. Inform the Technician that the RCS sample analysis is completed.
2. Give the sample results (Printout of Unit 2 RCS Unseparated Liquid Activity Check and Summary of Nuclide Activity) to the Technician.
3. Tell the Technician to carry out the appropriate response.
4. If the results are not reported to the Shift Superintendent by 0845, prompt the action.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

SIMULATOR INSTRUCTIONS

TIME: 0910

DISTRIBUTION: N/A

LOCATION: Unit 2 Control Room Simulator

CONTROLLER
INSTRUCTIONS:

1. Activate malfunction for loss of 1E 4 kV bus 2A06 (ED03B).

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 7

TIME: - 0920 (Upon arrival)

DISTRIBUTION: Operator

LOCATION: 1E 4 kV Bus 2A06

CONTROLLER
INSTRUCTIONS:

1. Ensure the operator reads the signs about the smell of burned insulation.
2. If the operator asks, tell him there is no smoke in the room.
3. The following drill signs are placed in the switchgear room:
 - "It smells like burned insulation in the room," inside both doors to the room;
 - "151N Overcurrent Relay Target is Dropped," in front of breaker 152-2A0618 (4 kV Bus 2A06)
 - "159G High Ground Relay Target is Dropped," in front of breaker 152-2A0613 (Diesel Generator 2G003)
4. If the operator resets all overcurrent relays, tell him the diesel generator breaker closes and trips again, with the same overcurrent relay operation.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 8

TIME: ~ 0935 (Upon arrival)

DISTRIBUTION: Electricians

LOCATION: 1E 4 kV Bus 2A06

CONTROLLER

INSTRUCTIONS:

1. Ensure the players read the signs about the smell of burned insulation.
2. If a player asks, tell him there is no smoke in the room.
3. The following drill signs are placed in the switchgear room:
 - "It smells like burned insulation in the room," inside both doors to the room;
 - "151N Overcurrent Relay Target is Dropped," in front of breaker 152-2A0618 (4 kV Bus 2A06)
 - "159G High Ground Relay Target is Dropped," in front of breaker 152-2A0613 (Diesel Generator 2G003)
4. If the players walk through the steps to megger the bus before they remove the fallen switchgear panel from the bus conductor, give them indications of a phase A ground.
5. If players walk through the steps to open the switchgear enclosure to inspect the bus conductors, inform them of the following conditions:
 - a. An internal piece of enclosure paneling has fallen onto the phase A conductor behind the supply breaker 152-2A0618 from transformer 2XR2.
 - b. There are deep burns on about 10 square inches of the conductor. Most of the conductor bar has been burned away at the location of the fault.
6. If bus repairs are made, check with the drill coordinator (Cyrus Anderson) before allowing the bus to be re-energized.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

SIMULATOR INSTRUCTIONS

TIME: 0945

DISTRIBUTION: N/A

LOCATION: Unit 2 Control Room Simulator

CONTROLLER
INSTRUCTIONS:

1. Activate the malfunction for Steam Generator Tube Rupture on E089 (SG02B at 35% severity).
2. Approximately 15 seconds after HPSI pump 2P018 starts, activate the malfunction to trip it (EC08D).

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 9

TIME: ~ 0955 (Upon arrival)

DISTRIBUTION: Operator

LOCATION: HPSI Pump 2P018 A Train Supply Breaker 2A0409

CONTROLLER

INSTRUCTIONS:

1. Ensure the operator reads the signs about breaker relay indications.
2. If the operator resets the breaker and attempts to close it, tell him that it trips again with the same indications.
3. The following sign is placed in the switchgear room:

"Breaker 152-2A0409 (HPSI Pump P018) Green Light Is On; 150/151 A Phase Overcurrent Relay Target Is Dropped."

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 10
(Contingency)

TIME: 1000 (if required)

DISTRIBUTION: Emergency Coordinator

LOCATION: Emergency Operations Facility

PLAYER

INSTRUCTIONS:

1. THIS IS A DRILL
2. Declare a Site Area Emergency per event code B3-2.
3. THIS IS A DRILL

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE -

CUE CARD # 11

TIME: ~ 1005 (Upon arrival)

DISTRIBUTION: Electricians and Test Technicians

LOCATION: HPSI Pump 2P018 A Train Supply Breaker 2A0409

CONTROLLER

INSTRUCTIONS:

1. Ensure players read the signs about breaker relay indications.
2. The following sign is placed in the switchgear room:
"Breaker 152-2A0409 (HPSI Pump P018) Green Light Is On; 150/151 A Phase Overcurrent Relay Target Is Dropped."
3. If the players walk through the steps to megger the breaker load conductors, give them open circuit indications on all phases.
4. If the players check the overcurrent relays on phase B, give them the failure indications due to a loose screw shorting the relay mechanism.
5. Call the simulator instructor at PAX 88490 if the breaker control circuitry is repaired; the malfunction must also be reset at the simulator.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

SIMULATOR INSTRUCTIONS

TIME: 1030

DISTRIBUTION: N/A

LOCATION: Unit 2 Control Room Simulator

CONTROLLER

INSTRUCTIONS:

1. - Activate the malfunction for failure of steam supply piping to the steam-driven Aux Feedwater Pump (MS05B at 5% severity).

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 12
(Contingency)

TIME: 1045 (If Required)

DISTRIBUTION: Emergency Coordinator

LOCATION: Emergency Operations Facility

PLAYER

INSTRUCTIONS:

1. THIS IS A DRILL
2. Declare a General Emergency per event code B4-2.
3. THIS IS A DRILL

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 13

TIME: 1100

DISTRIBUTION: Offsite Liaison

LOCATION: Emergency Operations Facility

CONTROLLER
INSTRUCTIONS:

1. Tell the Offsite Liaison that State Parks has passed the following information to him:
 - a. A sailboat race from Dana Point to Oceanside is underway.
 - b. Approximately 100 boats departed Dana Point at 1030.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 14

TIME: 1200

DISTRIBUTION: Security Radio Channel
LOCATION: Mesa Gasoline Pumps

CONTROLLER
INSTRUCTIONS:

1. Broadcast the following information over the Security Radio Channel:
 - a. This is a drill.
 - b. You are a Security Officer at the Mesa gasoline pumps.
 - c. While using the gas pump, the hose broke.
 - d. A large spill of gasoline ensued.
 - e. The pump is now off, but there is gasoline on the ground and running towards the sewer.
2. Set up a water spill on the ground to simulate the gasoline spill.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 15

TIME: ~ 1215 (Upon Arrival)

DISTRIBUTION: Hazardous Material Personnel

LOCATION: Mesa Gasoline Station

CONTROLLER

INSTRUCTIONS:

1. Describe the conditions of the spill to personnel when they arrive:
 - a. The pump is off.
 - b. Inform them that the water spill on the ground represents gasoline.
2. Tell them to respond to the spill as they would an actual gasoline spill.

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 16A

TIME: 1300

DISTRIBUTION: Emergency Coordinator

LOCATION: Emergency Operations Facility

PLAYER

INSTRUCTIONS:

1. THIS IS A DRILL
2. Initiate Recovery actions.
3. THIS IS A DRILL

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 16B

TIME: 1300

DISTRIBUTION: Station Emergency Director
LOCATION: Technical Support Center

PLAYER
INSTRUCTIONS:

1. THIS IS A DRILL
2. Initiate Recovery actions.
3. THIS IS A DRILL

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CUE CARD # 17

TIME: 1400

DISTRIBUTION: Emergency Coordinator

LOCATION: Emergency Operations Facility

PLAYER

INSTRUCTIONS:

1. The Exercise may be terminated.

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

CONTROLLER PACKAGE

Controller Assignments
Instructions to Controllers
Exercise Response Record
Exercise Evaluation
Exercise Participant Comments

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Controller Assignments

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

CONTROLLER ASSIGNMENTS

	<u>POSITION</u>	<u>NAME</u>	<u>WORK PHONE</u>	<u>DRILL PHONE</u>
Exercise Manager		Dave Peacor	N49/86212	86506
Manager, NA&EP		Ken Bellis	E49/88316	
Onsite Coordinator		Cyrus Anderson	N49/86635	86506
Offsite Coordinator		Keith de Lancey	E49/88324	88308
<u>SIMULATOR</u>				88663
Facility Controller	Operations Leader	Mike Jones	J32/86856	
Division Coordinator	Simulator Instructor	Dave Daily	E50/88383	
		Don Miller	E50/88290	
	Shift Communicator	Will McGhee	A72/86621	88494
<u>TECH SUPPORT CENTER 2/3</u>				86506
Facility Controller		Dave Peacor	N49/86212	
	EC/EA/EPC	Gary Tilton	A72/86837	
	Health Physics Leader	Jack Brooks	N50/86162	
Division Coordinator	Technical Leader	Jim Reilly	D16/86244	
	Effluent	Ken Helm	N45/89283	
	CFMS	Guillermo Castellanos	D1K/88719	
Division Coordinator	Administrative Leader	Lorin Youde	D36/89449	
	Shift Communicator	Barbara Culverhouse	N49/86852	
Division Coordinator	Security Leader	Pete Champion	A82/86633	
<u>OPS SUPPORT CENTER 2/3</u>				86654
Facility Controller	OSC Leaders	Joe Firoved	N49/86253	
Division Coordinator	OSC HP/Dosimetry	Scott Schofield	N50/86164	
	Teams Controller	Chuck Elliott	B45/86393	
Division Coordinator	Maintenance Team	John Patterson	D3C/89823	
	Maintenance Team	Hans Merten	D3C/89360	
	Maintenance Team	Claude Canterbury	N52/89647	
	Operations Team	Bill Boos	N51/89364	
	Operations Team	Steve Giannelli	B47/86882	
	Operations Team	Lloyd Briner	B45/89181	
	HP Monitoring	Terry York	J72/86457	
	HP Monitoring	Pete Martinez	A62/86457	
	HP Monitoring	Bob English	J72/86457	
	HP Monitoring	Rick Garcia	J72/86511	
	Chemistry Team	Ron Burton	N45/86288	
Division Coordinator	Emergency Services	Duncan Turrentine	D1P/86655	

CONTROLLER ASSIGNMENTS CONTINUED

	<u>POSITION</u>	<u>NAME</u>	<u>WORK PHONE</u>	<u>DRILL PHONE</u>
<u>AWS BUILDING</u>				
Facility Controller	Switchboard Operators	Pam Panek	D36/86964	86594
<u>SECURITY SUPPORT</u>				
Facility Controller	MOG/Sweep	Rick Beatty	A82/89246	
	Assembly Area	Bart Bartolomeo	A82/89367	
	Shift Commander	Julie Davila	A82/86910	88462
<u>ESO/EOF</u>				
Facility Controller	Management/Liaison	Keith de Lancey	E49/88324	88308
Division Coordinator	Technical Controller	Dick Rogers	E50/88070	88346
	Health Physics/ODAC	George Buzzelli	E49/88326	88354
	Emergency News Center	Pam Handley	E49/88340	51539
	Security Support	Dennis Smith	A82/86187	

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Instructions to Controllers

SAN ONOFRE NUCLEAR GENERATING STATION

1988 EMERGENCY PLAN EXERCISE

INSTRUCTIONS TO EXERCISE CONTROLLERS

A. Before the Exercise

1. Read the Exercise Summary and Sequence of Events to understand cue card distribution and the anticipated responses.
2. Read the Guidelines for Exercise Conduct to understand what responses are to be simulated, and how far actual responses are to be carried.
3. Review procedures to be implemented by participants you will be observing.
4. Note any additional information you think you will need to give the participants, including props and other staging materials. Identify this information to the Exercise Manager or an Exercise Coordinator at or before the October 26, 1988, Controllers' Meeting.
5. Review the Exercise objectives and the Exercise Evaluation form. This is the type of information you will need to record during the Exercise.
6. Brief authorized pre-staged participants on Guidelines for Exercise Conduct and simulated plant conditions.
7. Record the names of any unauthorized pre-staged participants, and instruct them to leave the Exercise area.

B. During the Exercise

1. Identify the Exercise participants in your area. Ensure they understand the Guidelines for Exercise Conduct and complete the attendance record. If participants are busy with emergency response actions, wait until activity slows before taking attendance.
2. Instruct participants that when carrying out their emergency response assignments they are to:
 - a. Walk through the assignment, performing such steps as retrieving tools, equipment and procedures; reporting to supervision and the Simulator Control Room; and wearing protective gear, WITHOUT manipulating plant equipment or controls, unless directed by a controller;
 - b. Observe all security, HP, safety and administrative controls;
 - c. Assume equipment works normally, unless told otherwise by a controller or indicated by Exercise guidelines, props or signs;

B. During the Exercise (continued)

- d. Describe all their actions and communications to the controller observing their response.
3. Give participants Exercise conditions and plant and equipment status only when they take appropriate steps to earn the information.
4. Record the actions of Exercise participants on the Exercise Response Record. Try to record something every 2 - 3 minutes. Note any of the following:
 - a. Time at which recalled personnel arrive.
 - b. Information flow between Exercise participants.
 - c. Procedure implementation.
 - d. Actions taken in response to Exercise.
 - e. Use of "THIS IS A DRILL" with all communications.
 - f. Audibility and accuracy of PA announcements.
 - g. Location of any defective or muted PA speakers.
5. Check with an Exercise Coordinator if any problems arise, especially if:
 - a. Timing of cue cards or responses is in question.
 - b. Response to Exercise conditions is different than expected.
 - c. Questions arise about how far to carry Exercise responses.
6. Participants' responses may be corrected at any time, to maintain Exercise continuity or to provide training. These corrections must be recorded.
7. HP Leader Controller (TSC): Verify the HP computer is operated using Exercise data.
8. OSC Team Controller:
 - a. Ensure controllers accompany teams as identified on the Team/Controller List; track assignments of teams already in field, in case they are redirected to locations requiring specific controllers.
 - b. If any teams are dispatched without controllers, give them the instructions for participant response listed in 2. above. Instruct them to contact you from the field if they have any questions, and to report their actions to you before reporting in to the OSC for debriefing.
9. The Exercise will be terminated by the Exercise Manager, after play at all locations has reached a logical stopping point. Facility Controllers will be notified about 10 minutes before that to inform other controllers.
10. The Exercise may continue at the EOF and Alternate EOF after the Exercise Manager secures onsite play. In that case, EOF Controllers will get direction from the Manager, NA&EP, assisted by the Offsite Exercise Coordinator.

C. After the Exercise

1. Conduct a debriefing of Exercise participants in your area immediately after the Exercise. This may be done alone or with other controllers. The following specific items should be discussed:
 - a. Brief review of the Sequence of Events
 - b. Statement of any objectives applicable to your area, and preliminary results
 - c. Brief description of any Exercise response deficiencies
 - d. Request for participant response to the items above
2. Collect Exercise Participant Comments.
3. Complete the Exercise Evaluation as soon as possible after the Exercise.
4. Explain any unsatisfactory areas in the appropriate comment sections.
5. Note procedures, actions, etc., that worked well or were particularly successful.
6. Turn in completed Evaluations, Participant Comments, and collected Exercise materials, log sheets, etc., to your facility controller by 1600, on Wednesday, 10/26/88.
7. Attend the controllers debriefing on 10/27/88, from 1030 to 1130, in classroom 11 at the Training and Education Center (TEC).

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Exercise Response Record

EXERCISE RESPONSE RECORD

PAX: _____

EXERCISE LOCATION: _____

OBSERVATION

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SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Exercise Evaluation

SAN ONOFRE NUCLEAR GENERATING STATION
1988 EMERGENCY PLAN EXERCISE

EXERCISE EVALUATION

NAME _____

PAX _____

EXERCISE LOCATION _____

INSTRUCTIONS

1. Evaluate participants' performance of each item below. Use applicable procedures for criteria to determine SAT/UNSAT performance. Designate N/A if performance of item is not required by the Exercise conditions or otherwise does not apply to participants being evaluated.
2. Explain any UNSAT items in the comment section. Indicate by number the item which the comment applies to.
3. Recommend area(s) for corrective action for UNSAT items: procedure revisions (EPIP); training (TRNG); equipment and/or facilities repairs and modifications (E&F); Exercise materials or methods (DRILL).
4. Explain any areas of concern or unsatisfactory performance which are not included as specific evaluation items.
5. Note any especially good performances, or good practices which are not proceduralized.

EXERCISE EVALUATION

PAGE 2 OF 15

1. ACTIVATION

- | | | | | | | | |
|-----|---------------------------------------|-----|-----|-------|-----|-----|-----|
| 1.1 | Timely response by personnel | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 1.2 | Responsibility assigned appropriately | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 1.3 | Equipment tests completed | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 1.4 | Accountability forms completed | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 1.5 | Turnover completed | SAT | ___ | UNSAT | ___ | N/A | ___ |

COMMENTS:

[illegible]

EXERCISE EVALUATION

PAGE 3 OF 15

2. NOTIFICATION

2.1 Notification information accurate

SAT ____ UNSAT ____ N/A ____

2.2 Notification information provided within time limits

SAT ____ UNSAT ____ N/A ____

COMMENTS:

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3. EVACUATION

3.1	Evacuation criteria monitored	SAT	___	UNSAT	___	N/A	___
3.2	Condition requiring evacuation identified promptly, correctly	SAT	___	UNSAT	___	N/A	___
3.3	Evacuation support provided	SAT	___	UNSAT	___	N/A	___
3.4	Evacuation routes/assembly areas promptly identified	SAT	___	UNSAT	___	N/A	___
3.5	Evacuation announcements/siren activation completed properly	SAT	___	UNSAT	___	N/A	___
3.6	Evacuation completed properly	SAT	___	UNSAT	___	N/A	___
3.7	Essential materials removed from evacuated areas	SAT	___	UNSAT	___	N/A	___
3.8	Accountability completed properly	SAT	___	UNSAT	___	N/A	___
3.9	Contamination controls maintained	SAT	___	UNSAT	___	N/A	___
3.10	Evacuation/traffic/access control conducted properly	SAT	___	UNSAT	___	N/A	___
3.11	Rescue support provided properly	SAT	___	UNSAT	___	N/A	___
3.12	Re-entry support provided properly	SAT	___	UNSAT	___	N/A	___

COMMENTS:

4. PROTECTIVE ACTION GUIDELINES

- #### 4.1 Protective Action Guidelines criteria monitored properly

SAT _____ UNSAT _____ N/A _____

- #### 4.2 Protective Action Guidelines identified properly

SAT ____ UNSAT ____ N/A ____

- ### 4.3 Protective Action Guidelines support provided

SAT ____ UNSAT ____ N/A ____

- #### 4.4 Protective Action Guidelines transmitted promptly

SAT ____ UNSAT ____ N/A ____

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EXERCISE EVALUATION

PAGE 6 OF 15

5. EVENT CLASSIFICATION

- ## 5.1 Event classification criteria monitored

SAT _____ UNSAT _____ N/A _____

- ## 5.2 Classification made correctly

SAT: ____ UNSAT: ____ N/A: ____

- ### 5.3 Reclassification made correctly

SAT ____ UNSAT ____ N/A ____

- 5.4 Event classification
communicated to personnel/
announcements made properly

SAT ____ UNSAT ____ N/A ____

- 5.5 Event close out conducted properly

SAT ____ UNSAT ____ N/A ____

COMMENTS:

[illegible]

EXERCISE EVALUATION

PAGE 7 OF 15

6. EXPOSURE CONTROL

- ### 6.1 Exposure/radiological conditions monitored

SAT ____ UNSAT ____ N/A ____

- ## 6.2 Exposures evaluated correctly

SAT ____ UNSAT ____ N/A ____

- ### 6.3 Overexposure precautions observed

SAT ____ UNSAT ____ N/A ____

- 6.4 Evacuation of non-respirator qualified personnel directed appropriately

SAT ____ UNSAT ____ N/A ____

- ### 6.5 Respiratory protection exercised properly

SAT ____ UNSAT ____ N/A ____

- ## 6.6 Overexposure authorization made correctly.

SAT ____ UNSAT ____ N/A ____

- ### 6.7 Overexposure notifications completed

SAT ____ UNSAT ____ N/A ____

COMMENTS:

[illegible]

7. EMERGENCY RESPONSE COORDINATION

- | | |
|--|------------------------------|
| 7.1 Communication systems used for intended purposes | SAT ____ UNSAT ____ N/A ____ |
| 7.2 Emergency recall initiated/ conducted properly | SAT ____ UNSAT ____ N/A ____ |
| 7.3 Appropriate records/logs maintained | SAT ____ UNSAT ____ N/A ____ |
| 7.4 Accountability records maintained | SAT ____ UNSAT ____ N/A ____ |
| 7.5 Emergency conditions/technical information communicated properly | SAT ____ UNSAT ____ N/A ____ |
| 7.6 Assistance among response personnel requested/provided properly | SAT ____ UNSAT ____ N/A ____ |
| 7.7 Field team coordination maintained | SAT ____ UNSAT ____ N/A ____ |
| 7.8 Communication between response facilities/teams maintained | SAT ____ UNSAT ____ N/A ____ |

COMMENTS:

EXERCISE EVALUATION

PAGE 9 OF 15

8. EOF COORDINATION

- | | | | | | | | |
|-----|--|-----|-----|-------|-----|-----|-----|
| 8.1 | Communications with EOF
conducted properly | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 8.2 | Request for mutual aid
made appropriately | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 8.3 | Recovery plan assistance
provided | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 8.4 | Recovery organization
established appropriately | SAT | ___ | UNSAT | ___ | N/A | ___ |
| 8.5 | Turnover to recovery
organization conducted
properly | SAT | ___ | UNSAT | ___ | N/A | ___ |

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EXERCISE EVALUATION

PAGE 10 OF 15

9. UNAFFECTED PLANT

- ## 9.1 Emergency communications monitored

SAT ____ UNSAT ____ N/A ____

- ## 9.2 Emergency response facilities staffed properly

SAT ____ UNSAT ____ N/A ____

- ### 9.3 Support provided to affected unit

SAT ____ UNSAT ____ N/A ____

COMMENTS:

[illegible]

10. OBJECTIVES

- 10.1 Demonstrate the ability of on-shift and recalled personnel to recognize accident conditions, and to declare the appropriate emergency classification within 15 minutes of recognition.

SAT _____ UNSAT _____ N/A _____

- 10.2 Demonstrate notification procedures and communication capabilities to provide accurate event and follow-up notifications to offsite agencies within specified time limits using the new Yellow Phone System.

SAT _____ UNSAT _____ N/A _____

- 10.3 Demonstrate the ability of on-shift and recalled Emergency Response Personnel to conduct adequate turnovers and transfer of responsibilities in accordance with EIPs and ESO Procedures.

SAT _____ UNSAT _____ N/A _____

COMMENTS:

[illegible]

10. OBJECTIVES (continued)

- 10.4 Demonstrate the ability to transmit information between the TSC and the EOF without adversely affecting protective action recommendations for the general public in accordance with EPIPs and ESO Procedures.

SAT ____ UNSAT ____ N/A ____

- 10.5 Demonstrate the ability to transmit information between the TSC and the EOF without adversely affecting emergency classification in accordance with EPIPs and ESO Procedures.

SAT ____ UNSAT ____ N/A ____

- 10.6 Demonstrate the communication of radiological information by TSC Health Physics personnel to other emergency response personnel following TSC activation by updating status boards and reporting significant radiation monitor changes, field monitoring results and dose projections within 15 minutes of determination, consistent with other emergency response priorities.

SAT ____ UNSAT ____ N/A ____

COMMENTS:

10. OBJECTIVES (continued)

- 10.7 Demonstrate the adequacy of SCE radiation monitoring team deployment to provide continuous radiological assessment without adversely affecting onsite or offsite protective action recommendations.

SAT ____ UNSAT ____ N/A ____

- 10.8 Demonstrate the ability to obtain and analyze in-plant radiological samples, in accordance with station procedures.

SAT ____ UNSAT ____ N/A ____

- 10.9 Demonstrate operation of the onsite emergency siren system and coordination of site PA announcements in accordance with EIPs.

SAT ____ UNSAT ____ N/A ____

- 10.10 Demonstrate the assembly of selected site personnel at designated assembly areas in accordance with EIPs and Security procedures.

SAT ____ UNSAT ____ N/A ____

COMMENTS:

10. OBJECTIVES (continued)

- 10.11 Demonstrate OSC logging and issue of dosimetry, and the ability to accurately track and control exposure of emergency response personnel, without delaying emergency response teams involved in critical actions.

SAT ____ UNSAT ____ N/A ____

- 10.12 Demonstrate contamination control at the OSC in accordance with Health Physics procedures and sound practices.

SAT ____ UNSAT ____ N/A ____

- 10.13 Demonstrate the debriefing of emergency response teams accurately within 15 minutes of return to the OSC, consistent with the dispatch of other teams.

SAT ____ UNSAT ____ N/A ____

- 10.14 Demonstrate EOF access control and the accountability of EOF personnel in accordance with ESO procedures.

SAT ____ UNSAT ____ N/A ____

COMMENTS:

10.15 Demonstrate radiological controls at the EOF in accordance with ESO procedures and sound Health Physics practices, including dosimetry issue and contamination control.

SAT UNSAT N/A

- SAT UNSAT N/A

- | SAT | UNSAT | N/A |
|-----|-------|-----|
|-----|-------|-----|

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SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Exercise Participant Comments

SAN ONOFRE NUCLEAR GENERATING STATION
1988 EMERGENCY PLAN EXERCISE

EXERCISE PARTICIPANT COMMENTS

NAME: _____

PAX: _____

EXERCISE LOCATION: _____

The questions below are grouped in general categories of emergency preparedness and Exercise conduct. Please answer those questions that are pertinent to this Exercise, and explain any unsatisfactory areas in the comment section.

1. PROCEDURES

1.1 Was variance from procedures necessary?

(YES/NO/N/A) _____

1.2 Was procedural guidance adequate?

(YES/NO/N/A) _____

1.3 Did procedural requirements interfere with event response?

(YES/NO/N/A) _____

ADDITIONAL COMMENTS:

2.1 Are facilities/layouts conducive to required activities?

(YES/NO/N/A) _____

(YES/NO/N/A) _____

(YES/NO/N/A) _____

(YES/NO/N/A) _____

ADDITIONAL COMMENTS:

[illegible]

3. TRAINING

3.1 Were you familiar with assigned equipment and its intended use?

(YES/NO/N/A)

3.2 Were you generally familiar with procedures?

(YES/NO/N/A)

3.3 Were you aware of the decision-making process?

(YES/NO/N/A)

3.4 Did you understand the event to which you were responding and your assigned role?

(YES/NO/N/A)

3.5 Do you think that you were effectively involved in accident assessment and mitigation?

(YES/NO/N/A)

ADDITIONAL COMMENTS:

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4. EXERCISE CONDUCT AND PLANNING

4.1 Was timing of events appropriate?

(YES/NO/N/A) _____

4.2 Was adequate information supplied/available?

(YES/NO/N/A) _____

4.3 Did technical shortcomings of scenario interfere with Exercise conduct or response?

(YES/NO/N/A) _____

ADDITIONAL COMMENTS:

[illegible]

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

CONTROL ROOM DATA

Controller Data Sheets (One-Minute Data)
Plant Graphs

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Controller Data Sheets

(One-Minute Data)

TIME, clock	08:00	08:01	08:02	08:03	08:04	08:05	08:06	08:07	08:08
MINUTES, elapsed	0	1	2	3	4	5	6	7	8
POWER, %	100	100	100	100	100	100	100	100	100
TAVE, deg F	580	580	580	580	580	580	580	580	580
THOT 1, deg F	606	606	606	606	606	606	606	606	606
TCOLD 1A, deg F	553	553	553	553	553	553	553	553	553
TCOLD 1B, deg F	553	553	553	553	553	553	553	553	553
THOT 2, deg F	606	606	606	606	606	606	606	606	606
TCOLD 2A, deg F	553	553	553	553	553	553	553	553	553
TCOLD 2B, deg F	553	553	553	553	553	553	553	553	553
REP CET, deg F	616	616	616	616	616	616	616	616	616
SUBCOOL, deg F	37	37	37	37	37	37	37	37	37
HEADTMP, deg F	604	604	604	604	604	604	604	604	604
PZRPRS, psia	2248	2248	2248	2248	2247	2246	2245	2244	2244
PZRLVL, %	53	53	53	53	53	53	53	53	53
PZRSP, %	53	53	53	53	53	53	53	53	53
PZRTMP, deg F	652	652	652	652	652	652	652	652	652
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	35	35	39	42	44	45	45	42	38
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	71	71	71	71	71	71	71	71	71
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	2042	2042	2042	2042	2042	2041	2041	2041	2041
SG88STM, lb/sec	2025	2025	2025	2025	2025	2025	2025	2025	2025
SG88PRS, psia	933	933	933	933	933	933	933	933	933
SG89NRL, %	64	64	64	64	64	64	64	64	64
SG89WRL, %	71	71	71	71	71	71	71	71	71
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	2040	2040	2041	2040	2042	2041	2041	2042	2040
SG89STM, lb/sec	2024	2024	2024	2024	2024	2024	2024	2024	2024
SG89PRS, psia	933	933	933	933	933	933	933	933	933
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	92	92	92	92	92	92	92	92
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	08:09	08:10	08:11	08:12	08:13	08:14	08:15	08:16	08:17
MINUTES, elapsed	9	10	11	12	13	14	15	16	17
POWER, %	100	100	100	100	100	100	100	100	100
TAVE, deg F	580	580	580	580	580	580	580	580	580
THOT 1, deg F	606	606	606	606	606	606	606	606	606
TCOLD 1A, deg F	553	553	553	553	553	553	553	553	553
TCOLD 1B, deg F	553	553	553	553	553	553	553	553	553
THOT 2, deg F	606	606	606	606	606	606	606	606	606
TCOLD 2A, deg F	553	553	553	553	553	553	553	553	553
TCOLD 2B, deg F	553	553	553	553	553	553	553	553	553
REP CET, deg F	616	616	616	616	616	616	616	616	616
SUBCOOL, deg F	37	37	37	37	37	37	37	37	37
HEADTMP, deg F	604	604	604	604	604	604	604	604	604
PZRPRS, psia	2245	2246	2247	2248	2248	2248	2248	2247	2246
PZRLVL, %	53	53	53	53	53	53	53	53	53
PZRSP, %	53	53	53	53	53	53	53	53	53
PZRTMP, deg F	652	652	652	652	652	652	652	652	652
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	35	33	33	33	36	39	42	44	45
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	71	71	71	71	71	71	71	71	71
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	2041	2042	2041	2041	2041	2042	2041	2042	2041
SG88STM, lb/sec	2025	2025	2025	2025	2025	2025	2025	2025	2025
SG88PRS, psia	933	933	933	933	933	933	933	933	933
SG89NRL, %	64	64	64	64	64	64	64	64	64
SG89WRL, %	71	71	71	71	71	71	71	71	71
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	2040	2042	2040	2041	2042	2041	2041	2041	2041
SG89STM, lb/sec	2024	2024	2024	2024	2024	2024	2024	2024	2024
SG89PRS, psia	933	933	933	933	933	933	933	933	933
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	92	92	92	92	92	92	92	92
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	08:18	08:19	08:20	08:21	08:22	08:23	08:24	08:25	08:26
MINUTES, elapsed	18	19	20	21	22	23	24	25	26
POWER, %	100	100	100	100	100	100	99	99	99
TAVE, deg F	580	580	580	580	580	580	579	579	579
THOT 1, deg F	606	606	606	606	606	606	606	605	605
TCOLD 1A, deg F	553	553	553	553	553	553	553	553	552
TCOLD 1B, deg F	553	553	553	553	553	553	553	553	552
THOT 2, deg F	606	606	606	606	606	606	606	605	605
TCOLD 2A, deg F	553	553	553	553	553	553	553	553	552
TCOLD 2B, deg F	553	553	553	553	553	553	553	553	552
REP CET, deg F	616	616	616	616	616	616	616	615	615
SUBCOOL, deg F	37	36	36	37	37	37	37	37	37
HEADTMP, deg F	604	604	604	604	604	604	604	604	603
PZRPRS, psia	2245	2244	2244	2245	2246	2247	2244	2240	2238
PZRLVL, %	53	53	53	53	53	53	53	52	52
PZRSP, %	53	53	53	53	53	53	53	53	53
PZRTMP, deg F	652	652	652	652	652	652	652	651	651
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	44	42	38	35	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	65	65	65
SG88WRL, %	71	71	71	71	71	71	71	71	71
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	2042	2041	2041	2042	2042	2041	2039	2037	2013
SG88STM, lb/sec	2025	2025	2025	2025	2026	2025	2022	2019	1976
SG88PRS, psia	933	933	933	933	933	933	930	928	930
SG89NRL, %	64	64	64	64	64	64	64	64	63
SG89WRL, %	71	71	71	71	71	71	71	71	71
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	2040	2041	2040	2041	2039	2040	2039	2037	2012
SG89STM, lb/sec	2024	2024	2024	2024	2025	2024	2021	2018	1975
SG89PRS, psia	933	933	933	933	933	932	930	928	930
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	92	92	92	92	92	92	92	92
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	08:27	08:28	08:29	08:30	08:31	08:32	08:33	08:34	08:35
MINUTES, elapsed	27	28	29	30	31	32	33	34	35
POWER, %	97	97	96	96	96	96	95	95	94
TAVE, deg F	579	579	579	578	578	578	578	578	578
THOT 1, deg F	605	604	604	604	604	604	604	603	603
TCOLD 1A, deg F	553	553	553	553	552	552	553	553	552
TCOLD 1B, deg F	553	553	553	553	552	552	553	553	552
THOT 2, deg F	605	604	604	604	604	604	604	603	603
TCOLD 2A, deg F	553	553	553	553	552	552	553	553	552
TCOLD 2B, deg F	553	553	553	553	552	552	553	553	552
REP CET, deg F	615	614	614	613	613	613	613	613	612
SUBCOOL, deg F	38	38	38	39	39	39	39	40	40
HEADTMP, deg F	603	603	603	603	603	602	602	602	602
PZRPRS, psia	2246	2242	2241	2240	2239	2238	2244	2242	2240
PZRLVL, %	53	52	52	52	51	51	52	52	51
PZRSP, %	53	53	53	53	53	52	53	52	52
PZRTMP, deg F	652	651	651	651	651	651	652	652	651
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	64	64	64	65	66	66	65	66	66
SG88WRL, %	71	72	72	72	73	73	73	73	73
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	2013	1997	1986	1978	1972	1966	1951	1942	1935
SG88STM, lb/sec	1966	1954	1947	1945	1944	1942	1914	1912	1911
SG88PRS, psia	936	934	935	934	932	931	937	936	935
SG89NRL, %	63	63	63	64	64	65	64	64	65
SG89WRL, %	71	71	72	72	72	72	72	73	73
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	2013	1997	1985	1977	1971	1966	1951	1942	1936
SG89STM, lb/sec	1965	1953	1946	1944	1943	1941	1913	1911	1910
SG89PRS, psia	936	934	935	933	932	931	937	936	935
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	92	92	92	92	92	92	92	92
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	08:36	08:37	08:38	08:39	08:40	08:41	08:42	08:43	08:44
MINUTES, elapsed	36	37	38	39	40	41	42	43	44
POWER, %	94	94	94	94	93	93	91	89	89
TAVE, deg F	578	578	577	577	577	577	577	577	576
THOT 1, deg F	603	603	602	602	602	602	601	601	600
TCOLD 1A, deg F	553	552	552	552	552	552	552	553	552
TCOLD 1B, deg F	553	552	552	552	552	552	552	553	552
THOT 2, deg F	603	603	602	602	602	602	601	601	600
TCOLD 2A, deg F	553	552	552	552	552	552	552	552	552
TCOLD 2B, deg F	553	552	552	552	552	552	552	552	552
REP CET, deg F	612	612	611	611	611	611	610	610	609
SUBCOOL, deg F	40	40	41	41	41	41	41	42	43
HEADTMP, deg F	602	601	601	601	601	601	600	600	600
PZRPRS, psia	2242	2241	2239	2238	2237	2237	2234	2242	2234
PZRLVL, %	51	51	51	51	50	50	51	50	49
PZRSP, %	52	52	52	52	52	52	52	52	51
PZRTMP, deg F	652	651	651	651	651	651	652	651	651
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	65	66	66	66	66	66	63	64	65
SG88WRL, %	73	74	74	74	74	74	74	74	75
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	1919	1917	1914	1911	1908	1905	1837	1849	1842
SG88STM, lb/sec	1895	1894	1892	1890	1889	1887	1802	1803	1798
SG88PRS, psia	937	936	935	934	932	931	943	943	938
SG89NRL, %	64	65	65	65	65	65	62	63	64
SG89WRL, %	73	73	73	73	73	73	73	74	74
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	1919	1918	1915	1909	1906	1904	1836	1846	1842
SG89STM, lb/sec	1894	1893	1891	1890	1888	1886	1801	1802	1798
SG89PRS, psia	937	936	935	934	932	931	943	942	938
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	92	92	92	92	92	92	92	92
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	08:45	08:46	08:47	08:48	08:49	08:50	08:51	08:52	08:53
MINUTES, elapsed	45	46	47	48	49	50	51	52	53
POWER, %	89	89	89	87	86	86	82	82	82
TAVE, deg F	576	575	574	574	573	573	574	573	573
THOT 1, deg F	599	599	598	598	597	596	596	595	594
TCOLD 1A, deg F	551	551	550	551	550	549	551	550	550
TCOLD 1B, deg F	551	551	550	551	550	549	551	550	550
THOT 2, deg F	599	599	598	598	597	596	596	595	594
TCOLD 2A, deg F	551	551	550	551	550	549	551	550	550
TCOLD 2B, deg F	551	551	550	551	550	549	551	550	550
REP CET, deg F	608	607	606	606	605	605	604	604	603
SUBCOOL, deg F	43	44	45	45	46	47	47	48	48
HEADTMP, deg F	600	599	599	598	598	597	597	596	596
PZRPRS, psia	2228	2224	2225	2233	2235	2231	2231	2238	2230
PZRLVL, %	49	48	48	48	48	47	49	48	47
PZRSP, %	51	50	50	50	49	49	49	49	48
PZRTMP, deg F	651	650	651	651	651	651	652	651	651
CHARGING, gpm	45	45	89	90	90	45	45	45	45
LETDOWN, gpm	33	32	32	33	33	33	33	33	33
SG88NRL, %	65	66	65	65	66	66	63	65	66
SG88WRL, %	75	75	75	76	76	76	77	77	78
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	1832	1820	1779	1778	1774	1764	1719	1690	1675
SG88STM, lb/sec	1794	1789	1741	1741	1737	1733	1649	1647	1642
SG88PRS, psia	934	930	931	932	929	925	942	938	933
SG89NRL, %	64	64	64	64	64	65	62	64	64
SG89WRL, %	75	75	75	75	76	76	76	77	77
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	1830	1820	1778	1777	1774	1764	1715	1691	1674
SG89STM, lb/sec	1793	1788	1740	1741	1736	1732	1648	1646	1641
SG89PRS, psia	934	930	931	932	929	924	942	938	933
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	92	92	92	92	92	92	92	92
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	08:54	08:55	08:56	08:57	08:58	08:59	09:00	09:01	09:02
MINUTES, elapsed	54	55	56	57	58	59	60	61	62
POWER, %	82	81	81	81	81	80	80	80	80
TAVE, deg F	572	571	570	569	569	568	568	567	566
THOT 1, deg F	594	593	592	591	591	590	589	589	588
TCOLD 1A, deg F	549	548	548	547	546	546	545	544	544
TCOLD 1B, deg F	549	548	548	547	546	546	545	544	544
THOT 2, deg F	594	593	592	591	591	590	589	589	588
TCOLD 2A, deg F	549	548	548	547	546	546	545	544	544
TCOLD 2B, deg F	549	548	548	547	546	546	545	544	544
REP CET, deg F	602	601	600	599	598	598	597	596	595
SUBCOOL, deg F	49	50	51	52	52	53	54	55	55
HEADTMP, deg F	595	595	594	594	593	592	592	591	590
PZRPRS, psia	2224	2219	2220	2223	2225	2229	2225	2220	2221
PZRLVL, %	46	45	44	44	44	44	43	43	42
PZRSP, %	48	47	47	46	46	45	45	44	44
PZRTMP, deg F	650	650	650	650	651	651	650	650	650
CHARGING, gpm	45	90	90	90	90	45	45	45	45
LETDOWN, gpm	32	32	32	32	33	33	32	32	32
SG88NRL, %	66	66	67	67	67	67	66	66	66
SG88WRL, %	78	78	78	78	78	79	79	79	79
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	1670	1662	1651	1643	1637	1632	1626	1621	1615
SG88STM, lb/sec	1637	1631	1627	1622	1617	1612	1607	1602	1596
SG88PRS, psia	928	923	919	915	910	906	901	896	892
SG89NRL, %	65	65	65	65	65	65	65	65	65
SG89WRL, %	77	78	78	78	78	78	78	78	78
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	1669	1662	1651	1643	1637	1631	1627	1620	1615
SG89STM, lb/sec	1636	1631	1626	1621	1617	1612	1606	1601	1596
SG89PRS, psia	928	923	919	914	910	906	901	896	892
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	92	91	91	91	91	91	91	91	91
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	09:03	09:04	09:05	09:06	09:07	09:08	09:09	09:10	09:11
MINUTES, elapsed	63	64	65	66	67	68	69	70	71
POWER, %	79	79	73	72	71	71	71	68	68
TAVE, deg F	565	565	566	566	565	564	563	563	563
THOT 1, deg F	587	586	587	586	585	584	583	582	581
TCOLD 1A, deg F	543	542	546	546	545	544	544	544	543
TCOLD 1B, deg F	543	542	546	546	545	544	544	544	543
THOT 2, deg F	587	586	587	586	585	584	583	582	581
TCOLD 2A, deg F	543	542	546	546	545	544	544	544	543
TCOLD 2B, deg F	543	542	546	546	545	544	544	544	543
REP CET, deg F	595	594	594	593	592	590	589	589	588
SUBCOOL, deg F	56	57	58	59	59	60	61	62	63
HEADTMP, deg F	590	589	589	588	587	587	586	585	585
PZRPRS, psia	2216	2212	2233	2230	2222	2218	2213	2219	2214
PZRLVL, %	41	41	43	43	42	41	40	40	39
PZRSP, %	43	43	44	44	43	43	42	42	41
PZRTMP, deg F	650	650	651	651	650	650	650	650	650
CHARGING, gpm	45	89	45	45	45	45	45	45	45
LETDOWN, gpm	32	32	33	33	32	32	32	33	33
SG88NRL, %	66	65	62	63	64	65	64	65	66
SG88WRL, %	79	79	79	80	80	81	81	82	82
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	1610	1574	1513	1492	1469	1461	1397	1402	1392
SG88STM, lb/sec	1591	1536	1428	1424	1419	1413	1352	1350	1345
SG88PRS, psia	887	887	919	916	910	904	907	908	903
SG89NRL, %	65	64	61	62	63	64	63	64	64
SG89WRL, %	78	78	79	79	80	80	81	81	82
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	1609	1574	1511	1491	1467	1461	1397	1402	1393
SG89STM, lb/sec	1590	1536	1427	1424	1419	1413	1352	1350	1345
SG89PRS, psia	886	887	919	916	910	904	907	908	903
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
CNT TMP, deg F	91	91	91	91	91	91	91	91	91
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	09:12	09:13	09:14	09:15	09:16	09:17	09:18	09:19	09:20
MINUTES, elapsed	72	73	74	75	76	77	78	79	80
POWER, %	67	65	65	65	63	56	56	56	57
TAVE, deg F	562	562	562	561	560	563	561	560	559
THOT 1, deg F	581	580	579	579	579	577	576	576	575
TCOLD 1A, deg F	543	543	543	542	543	546	545	544	543
TCOLD 1B, deg F	543	543	543	542	543	546	545	544	543
THOT 2, deg F	581	580	579	579	579	577	576	576	575
TCOLD 2A, deg F	543	543	543	542	543	546	545	544	543
TCOLD 2B, deg F	543	543	543	542	543	546	545	544	543
REP CET, deg F	586	587	585	585	583	584	581	581	580
SUBCOOL, deg F	63	64	65	65	67	67	70	70	71
HEADTMP, deg F	584	583	583	582	581	581	580	579	579
PZRPRS, psia	2211	2218	2212	2209	2213	2231	2227	2227	2226
PZRLVL, %	39	38	37	37	38	40	39	39	39
PZRSP, %	41	41	41	40	40	41	40	40	39
PZRTMP, deg F	650	650	650	650	650	651	651	651	651
CHARGING, gpm	45	45	45	90	89	90	89	90	90
LETDOWN, gpm	33	33	33	33	33	34	34	33	34
SG88NRL, %	65	66	66	67	64	64	65	66	66
SG88WRL, %	82	83	83	83	83	84	84	85	85
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	1312	1314	1314	1310	1187	1185	1109	1193	1074
SG88STM, lb/sec	1284	1282	1278	1274	1128	1100	1097	1091	1082
SG88PRS, psia	907	907	902	898	917	932	928	918	913
SG89NRL, %	64	64	65	65	63	63	63	65	65
SG89WRL, %	82	82	83	83	83	83	84	84	85
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	1313	1315	1314	1311	1188	1186	1110	1194	1074
SG89STM, lb/sec	1284	1282	1277	1274	1128	1100	1097	1091	1082
SG89PRS, psia	907	907	902	898	917	932	928	918	913
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05
CNT TMP, deg F	91	91	91	91	91	91	91	91	91
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	09:21	09:22	09:23	09:24	09:25	09:26	09:27	09:28	09:29
MINUTES, elapsed	81	82	83	84	85	86	87	88	89
POWER, %	56	57	57	57	52	50	50	50	50
TAVE, deg F	558	557	556	555	555	557	556	555	554
THOT 1, deg F	574	573	572	572	572	571	570	569	569
TCOLD 1A, deg F	542	541	540	539	543	542	542	541	540
TCOLD 1B, deg F	542	541	540	539	543	542	542	541	540
THOT 2, deg F	574	573	572	572	572	571	570	569	569
TCOLD 2A, deg F	542	541	540	539	543	542	542	541	540
TCOLD 2B, deg F	542	541	540	539	543	542	542	541	540
REP CET, deg F	578	578	577	576	575	576	574	573	572
SUBCOOL, deg F	73	73	73	74	76	76	77	77	78
HEADTMP, deg F	578	577	576	576	575	574	574	573	572
PZRPRS, psia	2226	2218	2217	2211	2223	2229	2222	2215	2213
PZRLVL, %	38	37	36	35	38	37	36	35	34
PZRSP, %	38	38	37	37	38	38	37	36	36
PZRTMP, deg F	651	650	650	650	651	651	650	650	650
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	34	33	33	33	34	34	33	33	33
SG88NRL, %	66	67	67	67	65	66	66	67	67
SG88WRL, %	85	86	86	86	86	86	87	87	87
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	1138	1115	1073	1110	981	973	976	944	959
SG88STM, lb/sec	1085	1075	1073	1061	938	937	932	929	924
SG88PRS, psia	906	898	892	886	919	917	910	905	899
SG89NRL, %	65	66	66	66	63	64	65	65	66
SG89WRL, %	85	85	85	85	86	86	86	86	87
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	1139	1116	1074	1110	983	974	977	945	959
SG89STM, lb/sec	1084	1075	1073	1061	938	937	932	928	924
SG89PRS, psia	906	898	892	886	919	917	910	905	899
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04
CNT TMP, deg F	91	91	91	91	91	91	91	91	91
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock	09:30	09:31	09:32	09:33	09:34	09:35	09:36	09:37	09:38
MINUTES, elapsed	90	91	92	93	94	95	96	97	98
POWER, %	50	50	47	44	44	44	44	44	44
TAVE, deg F	554	552	553	554	553	553	552	552	551
THOT 1, deg F	568	567	567	566	566	565	565	564	564
TCOLD 1A, deg F	539	538	540	541	540	540	539	539	538
TCOLD 1B, deg F	539	538	540	541	540	540	539	539	538
THOT 2, deg F	568	567	567	566	566	565	565	564	564
TCOLD 2A, deg F	539	538	540	541	540	540	539	539	538
TCOLD 2B, deg F	539	538	540	541	540	540	539	539	538
REP CET, deg F	572	571	570	570	569	569	568	568	567
SUBCOOL, deg F	78	79	81	81	82	82	83	83	84
HEADTMP, deg F	572	571	570	570	569	568	568	567	567
PZRPRS, psia	2208	2202	2219	2229	2226	2222	2220	2219	2218
PZRLVL, %	33	32	33	34	33	33	32	32	31
PZRSP, %	35	34	35	35	35	34	34	34	34
PZRTMP, deg F	649	649	650	651	650	650	650	650	650
CHARGING, gpm	45	45	89	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	34	33	33	33	33	33
SG88NRL, %	67	67	65	66	66	66	66	66	66
SG88WRL, %	87	87	87	87	88	88	88	88	88
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	943	940	852	847	841	836	832	828	826
SG88STM, lb/sec	925	920	820	817	815	813	812	810	809
SG88PRS, psia	892	886	904	910	906	903	900	897	894
SG89NRL, %	66	66	64	65	65	65	65	65	65
SG89WRL, %	87	87	87	87	87	87	87	87	87
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	944	941	852	847	842	836	832	829	827
SG89STM, lb/sec	925	920	820	817	815	813	812	810	809
SG89PRS, psia	892	886	904	910	906	903	900	897	894
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
CNT TMP, deg F	91	91	91	91	91	90	90	90	90
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	0	0	0

TIME, clock MINUTES, elapsed	09:39 99	09:40 100	09:41 101	09:42 102	09:43 103	09:44 104	09:45 105	09:46 106	09:47 107
POWER, %	44	44	44	44	40	39	39	38	0
TAVE, deg F	551	550	550	550	552	551	551	551	550
THOT 1, deg F	564	563	563	562	564	563	562	562	550
TCOLD 1A, deg F	538	538	537	537	540	540	539	539	546
TCOLD 1B, deg F	538	538	537	537	540	540	539	539	546
THOT 2, deg F	564	563	563	562	564	563	562	562	550
TCOLD 2A, deg F	538	538	537	537	540	540	539	539	546
TCOLD 2B, deg F	538	538	537	537	540	540	539	539	546
REP CET, deg F	567	566	566	565	566	566	565	565	564
SUBCOOL, deg F	84	84	85	86	86	86	87	84	72
HEADTMP, deg F	566	566	565	565	564	564	564	564	563
PZRPRS, psia	2218	2219	2225	2231	2248	2246	2239	2183	2005
PZRLVL, %	31	31	31	31	34	33	32	25	21
PZRSP, %	33	33	33	32	34	34	33	33	31
PZRTMP, deg F	650	650	651	651	652	652	650	645	638
CHARGING, gpm	45	90	90	90	45	45	45	90	90
LETDOWN, gpm	33	33	34	34	34	34	33	32	0
SG88NRL, %	66	66	66	66	65	66	66	66	61
SG88WRL, %	88	88	88	88	88	88	88	88	88
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	824	820	819	818	744	737	734	730	82
SG88STM, lb/sec	808	804	804	803	716	714	713	709	42
SG88PRS, psia	891	889	886	883	912	911	907	905	1001
SG89NRL, %	65	65	65	65	64	64	65	67	64
SG89WRL, %	87	87	87	87	87	87	88	88	89
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	825	820	820	819	749	733	733	709	81
SG89STM, lb/sec	808	804	804	803	716	714	714	715	43
SG89PRS, psia	891	889	886	883	912	911	908	905	1002
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
CNT TMP, deg F	90	90	90	90	90	90	90	90	90
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	0	0	0	0	0	0	700	686	608

TIME, clock	09:48	09:49	09:50	09:51	09:52	09:53	09:54	09:55	09:56
MINUTES, elapsed	108	109	110	111	112	113	114	115	116
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	547	547	547	546	545	540	537	529	528
THOT 1, deg F	547	547	548	547	546	540	537	530	525
TCOLD 1A, deg F	546	546	547	546	543	538	535	527	525
TCOLD 1B, deg F	546	546	547	546	544	538	535	528	523
THOT 2, deg F	547	547	548	547	546	540	537	530	525
TCOLD 2A, deg F	546	546	547	546	544	538	535	528	523
TCOLD 2B, deg F	546	546	547	545	543	537	535	527	525
REP CET, deg F	548	547	548	548	547	541	538	536	529
SUBCOOL, deg F	74	63	58	42	30	15	17	19	26
HEADTMP, deg F	561	559	558	556	556	555	555	554	553
PZRPRS, psia	1809	1671	1606	1431	1294	1100	1098	1092	1084
PZRLVL, %	16	14	11	8	5	1	3	2	3
PZRSP, %	30	31	31	30	30	30	30	30	30
PZRTMP, deg F	630	621	613	601	589	571	567	554	555
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	64	66	67	68	68	66	66	65	66
SG88WRL, %	88	89	89	89	89	89	89	90	90
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	81	66	52	64	88	121	98	149	127
SG88STM, lb/sec	13	16	42	51	132	94	90	83	101
SG88PRS, psia	1003	1009	1011	999	975	931	910	857	821
SG89NRL, %	68	70	71	70	69	66	65	64	64
SG89WRL, %	90	90	90	90	89	89	89	89	89
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	25	0	0	2	36	77	61	110	98
SG89STM, lb/sec	23	32	53	66	145	105	100	93	107
SG89PRS, psia	1005	1011	1014	1002	977	933	912	858	822
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.01	-0.02	-0.05	-0.08	-0.10	-0.12	-0.14	-0.16	-0.17
CNT TMP, deg F	90	88	87	86	85	85	84	83	83
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	544	493	467	398	342	248	262	294	311

TIME, clock MINUTES, elapsed	09:57 117	09:58 118	09:59 119	10:00 120	10:01 121	10:02 122	10:03 123	10:04 124	10:05 125
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	524	522	520	518	514	512	511	510	509
THOT 1, deg F	520	511	507	498	482	474	471	467	464
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	518	509	505	496	480	472	469	465	462
THOT 2, deg F	520	511	507	498	482	474	471	467	464
TCOLD 2A, deg F	518	509	505	496	480	472	469	465	462
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	523	516	508	500	491	475	472	467	466
SUBCOOL, deg F	30	36	42	48	55	67	66	65	65
HEADTMP, deg F	552	551	549	548	545	541	537	534	529
PZRPRS, psia	1074	1062	1045	1026	1011	980	943	906	892
PZRLVL, %	0	1	1	0	0	0	0	0	0
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	546	537	539	525	515	512	499	499	487
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	65	65	65	63	64	65	66	68
SG88WRL, %	90	91	91	92	92	94	94	95	96
SG88AFW, gpm	0	0	0	0	0	0	239	378	320
SG88MFW, lb/sec	121	159	115	202	275	119	110	97	101
SG88STM, lb/sec	110	88	108	217	227	74	74	65	93
SG88PRS, psia	786	728	701	630	541	518	503	481	457
SG89NRL, %	64	63	64	63	60	55	53	51	51
SG89WRL, %	90	90	91	91	91	90	89	89	88
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	95	120	87	177	0	0	0	0	0
SG89STM, lb/sec	117	94	117	224	265	106	98	99	0
SG89PRS, psia	788	729	703	631	547	523	506	486	489
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	81	81
SIT PRS, psia	611	611	611	611	611	611	611	611	611
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.18	-0.19	-0.20	-0.21	-0.22	-0.22	-0.23	-0.24	-0.24
CNT TMP, deg F	82	82	82	81	81	81	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	325	350	355	382	414	410	401	393	385

TIME, clock	10:06	10:07	10:08	10:09	10:10	10:11	10:12	10:13	10:14
MINUTES, elapsed	126	127	128	129	130	131	132	133	134
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	509	509	508	507	505	504	503	502	501
THOT 1, deg F	462	461	457	452	447	443	439	433	428
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	460	459	455	450	445	441	437	431	426
THOT 2, deg F	462	461	457	452	447	443	439	433	428
TCOLD 2A, deg F	460	459	455	450	445	441	437	431	426
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	463	461	459	453	448	443	440	434	429
SUBCOOL, deg F	63	60	58	58	58	57	56	55	55
HEADTMP, deg F	524	520	516	511	505	501	495	489	485
PZRPRS, psia	856	820	787	753	717	693	658	620	584
PZRLVL, %	0	0	0	0	0	0	0	2	11
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	482	479	466	459	450	442	433	435	434
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	69	69	68	68	67	67	67	67	67
SG88WRL, %	96	96	96	96	97	97	97	97	97
SG88AFW, gpm	244	244	206	206	206	204	270	267	264
SG88MFW, lb/sec	86	76	154	154	149	143	138	130	121
SG88STM, lb/sec	91	90	179	171	163	156	150	143	136
SG88PRS, psia	448	440	407	386	368	353	338	322	306
SG89NRL, %	52	53	54	55	56	57	58	58	58
SG89WRL, %	89	90	90	91	91	92	92	93	93
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	483	476	463	445	426	407	390	370	350
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	81	81	81	81	81	81	81	80	79
SIT PRS, psia	611	611	611	611	611	611	611	611	584
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	371	356	345	337	327	325	314	304	294

TIME, clock	10:15	10:16	10:17	10:18	10:19	10:20	10:21	10:22	10:23
MINUTES, elapsed	135	136	137	138	139	140	141	142	143
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	499	498	498	497	496	495	494	493	492
THOT 1, deg F	423	419	415	411	407	404	401	398	395
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	421	417	413	409	406	402	399	396	393
THOT 2, deg F	423	419	415	411	407	404	401	398	395
TCOLD 2A, deg F	421	417	413	409	406	402	399	396	393
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	423	421	417	412	408	404	401	398	395
SUBCOOL, deg F	54	54	54	54	54	54	54	55	55
HEADTMP, deg F	479	473	468	465	461	458	456	452	450
PZRPRS, psia	572	542	517	495	476	459	445	436	424
PZRLVL, %	14	21	29	33	35	36	38	40	41
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	432	430	430	432	432	432	431	430	430
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	67	66	66	66	66	66	66	66	66
SG88WRL, %	98	98	98	98	98	98	99	99	99
SG88AFW, gpm	221	218	214	211	207	203	199	194	190
SG88MFW, lb/sec	114	110	105	101	98	94	91	88	85
SG88STM, lb/sec	130	125	120	115	111	107	104	100	97
SG88PRS, psia	292	280	268	257	247	238	230	222	215
SG89NRL, %	58	59	59	60	61	61	62	63	63
SG89WRL, %	94	94	94	95	95	96	96	97	97
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	332	317	302	290	278	267	257	248	239
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	77	76	74	73	72	71	70	69	68
SIT PRS, psia	572	542	517	495	476	459	445	436	424
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	297	288	281	275	270	266	263	264	261

TIME, clock	10:24	10:25	10:26	10:27	10:28	10:29	10:30	10:31	10:32
MINUTES, elapsed	144	145	146	147	148	149	150	151	152
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	492	491	490	490	489	488	487	486	485
THOT 1, deg F	392	389	386	384	381	379	374	370	366
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	390	387	385	382	380	377	373	368	365
THOT 2, deg F	392	389	386	384	381	379	374	370	366
TCOLD 2A, deg F	390	387	385	382	380	377	373	368	365
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	392	389	388	385	382	380	375	370	366
SUBCOOL, deg F	56	56	56	57	57	58	60	62	64
HEADTMP, deg F	447	445	443	440	439	436	434	432	430
PZRP RS, psia	413	408	398	388	379	371	362	353	348
PZRLVL, %	43	45	46	47	49	50	52	54	55
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	429	429	427	427	426	425	423	423	421
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	65
SG88WRL, %	99	99	99	99	99	100	100	100	100
SG88AFW, gpm	186	181	176	171	166	155	143	131	119
SG88MFW, lb/sec	83	80	78	76	74	72	68	66	64
SG88STM, lb/sec	95	91	89	87	85	82	79	75	72
SG88PRS, psia	208	202	196	190	185	180	173	165	158
SG89NRL, %	64	65	65	66	67	68	66	65	64
SG89WRL, %	98	98	98	99	99	100	99	99	99
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	64	60	57	55
SG89PRS, psia	231	223	216	210	203	192	181	172	163
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	67	66	65	64	63	62	61	60	59
SIT PRS, psia	413	408	398	388	379	371	362	353	348
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	48	48	48
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	258	261	259	257	255	257	258	259	261

TIME, clock	10:33	10:34	10:35	10:36	10:37	10:38	10:39	10:40	10:41
MINUTES, elapsed	153	154	155	156	157	158	159	160	161
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	484	483	483	482	481	480	478	478	478
THOT 1, deg F	362	359	360	369	372	368	363	360	358
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	361	357	355	355	351	345	342	341	340
THOT 2, deg F	362	359	360	369	372	368	363	360	358
TCOLD 2A, deg F	361	357	355	354	345	335	332	331	329
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	363	359	357	369	371	367	362	358	355
SUBCOOL, deg F	66	67	68	65	56	61	66	72	75
HEADTMP, deg F	428	426	424	425	426	427	428	429	429
PZRPRS, psia	340	332	327	328	331	335	338	341	344
PZRLVL, %	56	58	46	48	39	30	29	39	41
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	420	419	418	418	408	408	412	419	425
CHARGING, gpm	90	90	90	87	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	65	65	65	65	65	65	65	65	65
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	106	93	80	67	58	52	43	32	20
SG88MFW, lb/sec	63	62	60	58	57	58	57	56	56
SG88STM, lb/sec	69	67	63	59	55	54	53	51	50
SG88PRS, psia	151	145	137	129	125	122	119	115	112
SG89NRL, %	63	62	61	60	60	59	59	58	58
SG89WRL, %	99	99	99	98	98	98	98	98	98
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	52	50	48	47	46	45	44	43	42
SG89PRS, psia	156	149	144	139	136	134	131	127	124
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	58	56	56	56	56	56	56	56	56
SIT PRS, psia	340	332	327	328	331	335	338	341	344
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	48	48	48	100	100	100	48	48	48
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	260	259	260	264	269	272	276	281	285

TIME, clock	10:42	10:43	10:44	10:45	10:46	10:47	10:48	10:49	10:50
MINUTES, elapsed	162	163	164	165	166	167	168	169	170
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	477	477	476	476	475	475	475	474	474
THOT 1, deg F	356	354	352	350	348	346	344	342	341
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	339	337	335	334	332	330	328	326	325
THOT 2, deg F	356	354	352	350	348	346	344	342	341
TCOLD 2A, deg F	327	325	323	322	320	318	317	315	314
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	352	351	349	347	345	344	342	340	338
SUBCOOL, deg F	79	81	83	86	87	90	92	95	98
HEADTMP, deg F	430	431	432	432	433	433	434	434	435
PZRPRS, psia	347	349	352	355	356	358	360	363	365
PZRLVL, %	33	25	18	14	9	5	7	14	26
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	416	405	395	392	391	388	387	424	417
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	65	65	65	65	65	65	65	65	65
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	9	1	0	0	0	0	0	0	0
SG88MFW, lb/sec	56	56	56	56	55	54	53	52	51
SG88STM, lb/sec	48	47	46	45	44	43	42	41	40
SG88PRS, psia	109	106	103	101	99	96	94	92	90
SG89NRL, %	57	57	57	56	56	56	56	56	56
SG89WRL, %	98	98	98	98	98	98	98	98	98
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	41	40	38	37	37	36	35	34	34
SG89PRS, psia	121	118	115	112	109	107	104	102	100
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	56	56	56	56	56	56	56	56	56
SIT PRS, psia	347	349	352	355	356	358	360	363	365
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	48	100	100	100	48	48
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	289	292	296	299	301	304	307	310	312

TIME, clock MINUTES, elapsed	10:51 171	10:52 172	10:53 173	10:54 174	10:55 175	10:56 176	10:57 177	10:58 178	10:59 179
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	473	473	473	472	472	474	474	475	475
THOT 1, deg F	339	338	336	335	333	324	325	326	327
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	323	322	321	319	318	322	323	324	325
THOT 2, deg F	339	338	336	335	333	313	304	303	302
TCOLD 2A, deg F	312	311	310	308	307	321	322	323	324
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	336	335	333	332	331	322	323	324	325
SUBCOOL, deg F	100	102	103	106	108	116	114	110	107
HEADTMP, deg F	435	436	436	437	438	437	435	433	431
PZRP RS, psia	367	369	370	372	375	372	369	360	350
PZRLVL, %	11	0	48	69	74	69	73	76	76
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	406	399	398	412	415	399	398	397	397
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	65	65	65	66	66	66	65	65	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	50	49	48	47	46	41	44	44	43
SG88STM, lb/sec	40	39	38	37	37	34	34	34	34
SG88PRS, psia	88	87	85	83	82	77	77	76	76
SG89NRL, %	56	56	56	56	56	56	56	56	56
SG89WRL, %	98	98	98	98	98	98	98	98	98
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	33	32	32	31	31	31	31	32	32
SG89PRS, psia	98	96	94	92	91	91	93	94	95
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	56	56	56	56	56	56	56	56	56
SIT PRS, psia	367	369	370	372	375	372	369	360	350
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	48	48	48	0	0	0	0	0	0
PLENUM LVL, %	100	100	100	100	82	82	82	61	61
RCS LEAK, gpm	315	317	319	321	324	322	319	313	306

TIME, clock	11:00	11:01	11:02	11:03	11:04	11:05	11:06	11:07	11:08
MINUTES, elapsed	180	181	182	183	184	185	186	187	188
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	475	475	475	475	475	475	475	474	470
THOT 1, deg F	328	329	329	328	327	327	332	339	336
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	326	326	327	327	326	326	323	321	319
THOT 2, deg F	301	301	301	301	301	301	328	339	336
TCOLD 2A, deg F	325	326	327	325	325	325	324	314	292
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	326	327	328	327	327	326	329	338	337
SUBCOOL, deg F	103	100	97	96	95	93	90	85	83
HEADTMP, deg F	429	426	424	423	421	419	418	419	420
PZRPRS, psia	342	333	326	321	313	307	304	306	310
PZRLVL, %	75	74	74	81	88	95	100	100	100
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	396	396	396	396	396	396	395	394	394
CHARGING, gpm	90	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	65
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	43	42	42	41	41	41	37	56	80
SG88STM, lb/sec	34	34	34	34	34	34	32	52	71
SG88PRS, psia	76	76	76	76	75	75	71	68	66
SG89NRL, %	56	56	56	56	56	56	56	56	56
SG89WRL, %	98	98	98	98	98	98	98	98	98
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	32	33	33	33	33	32	32	31	31
SG89PRS, psia	96	97	98	97	97	96	95	93	92
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	56	56	55	54	53	52	52	52	52
SIT PRS, psia	342	333	326	321	313	307	304	306	310
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	0	0	0	0	0	0	0	0	0
PLENUM LVL, %	61	61	61	61	61	61	61	61	61
RCS LEAK, gpm	301	295	289	287	282	278	278	280	283

TIME, clock	11:09	11:10	11:11	11:12	11:13	11:14	11:15	11:16	11:17
MINUTES, elapsed	189	190	191	192	193	194	195	196	197
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	470	469	469	469	468	468	467	467	466
THOT 1, deg F	328	324	321	319	317	314	312	310	307
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	317	316	316	316	316	315	313	311	309
THOT 2, deg F	328	323	321	319	316	313	311	309	307
TCOLD 2A, deg F	285	284	283	281	278	276	275	273	272
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	331	323	319	316	313	311	308	306	303
SUBCOOL, deg F	91	100	104	108	111	113	117	119	122
HEADTMP, deg F	421	422	422	423	423	424	424	424	425
PZRPRS, psia	313	317	320	322	324	325	326	327	327
PZRLVL, %	98	94	88	81	72	64	53	40	5
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	394	406	409	412	416	419	422	425	344
CHARGING, gpm	88	90	90	90	90	90	90	90	90
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	65	65	65	65	65	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	81	77	74	72	70	68	66	64	62
SG88STM, lb/sec	69	66	64	61	60	58	57	55	54
SG88PRS, psia	65	62	60	57	56	54	53	51	50
SG89NRL, %	56	56	56	56	56	56	56	56	56
SG89WRL, %	98	98	98	99	99	99	99	99	99
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	30	29	29	28	27	26	25	25	24
SG89PRS, psia	90	87	85	82	79	77	75	73	71
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	0	0	0	0	0
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	0	0	0	0	0	0	0	0	0
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	52	52	52	52	52	52	52	52	52
SIT PRS, psia	313	317	320	322	324	325	326	327	327
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24	-0.24
CNT TMP, deg F	80	80	80	80	80	80	80	80	80
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	0	0	0	0	0	0	0	0	48
PLENUM LVL, %	61	61	61	61	61	82	82	82	100
RCS LEAK, gpm	287	291	294	297	300	302	304	306	307

TIME, clock	11:18	11:19	11:20	11:21	11:22	11:23	11:24	11:25	11:26
MINUTES, elapsed	198	199	200	201	202	203	204	205	206
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	466	465	465	465	464	464	463	463	463
THOT 1, deg F	299	296	296	295	293	288	286	282	279
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	303	301	299	297	295	293	292	290	289
THOT 2, deg F	297	296	296	295	293	288	286	282	279
TCOLD 2A, deg F	271	271	269	267	266	265	265	263	262
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	303	294	294	294	292	287	285	283	279
SUBCOOL, deg F	123	132	131	132	133	138	140	142	146
HEADTMP, deg F	425	425	425	425	425	425	424	424	424
PZRPRS, psia	327	328	328	328	328	327	327	327	326
PZRLVL, %	46	47	36	3	43	48	42	0	37
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	405	419	425	327	389	402	423	275	388
CHARGING, gpm	90	90	90	90	90	90	132	131	134
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	61	58	57	56	55	54	52	51	50
SG88STM, lb/sec	52	51	49	48	47	47	45	44	43
SG88PRS, psia	49	47	46	45	44	43	42	41	39
SG89NRL, %	57	57	57	57	58	58	58	59	59
SG89WRL, %	99	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	23	23	22	21	21	20	19	19	18
SG89PRS, psia	69	66	64	62	60	59	57	55	53
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	0	0	0	0	3	0	0	0	11
HPSI 1B, gpm	0	0	0	0	3	0	0	0	0
HPSI 2A, gpm	0	0	0	0	3	0	0	7	10
HPSI 2B, gpm	0	0	0	0	3	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	52	52	52	52	52	52	52	52	52
SIT PRS, psia	327	328	328	328	328	327	327	327	326
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	-0.24	-0.24	-0.23	-0.18	-0.14	0.04	0.24	0.40	0.52
CNT TMP, deg F	80	80	80	82	84	91	98	104	108
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	0	0	0	48	0	0	0	20	0
PLENUM LVL, %	100	82	82	100	82	61	61	100	82
RCS LEAK, gpm	309	310	312	313	314	315	316	316	317

TIME, clock	11:27	11:28	11:29	11:30	11:31	11:32	11:33	11:34	11:35
MINUTES, elapsed	207	208	209	210	211	212	213	214	215
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	462	462	461	461	460	460	459	458	458
THOT 1, deg F	276	273	269	265	261	258	254	250	247
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	287	284	282	279	277	274	272	269	266
THOT 2, deg F	276	273	269	265	261	258	254	251	247
TCOLD 2A, deg F	261	259	257	255	253	251	249	247	245
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	275	271	270	266	261	257	253	249	247
SUBCOOL, deg F	150	151	154	158	162	166	169	173	175
HEADTMP, deg F	424	424	423	423	423	422	422	422	421
PZRPRS, psia	325	324	323	323	321	320	318	317	315
PZRLVL, %	44	0	20	47	47	0	45	53	0
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	414	284	344	403	421	293	392	417	275
CHARGING, gpm	131	139	130	140	133	131	139	132	133
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	48	46	45	44	42	41	40	38	37
SG88STM, lb/sec	41	40	38	37	35	33	32	31	29
SG88PRS, psia	38	37	35	34	32	31	29	28	27
SG89NRL, %	59	60	60	61	61	62	62	63	63
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	17	17	16	15	15	14	13	13	12
SG89PRS, psia	51	49	47	44	42	40	38	36	34
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	11	11	18	18	18	26	26	26	26
HPSI 1B, gpm	0	0	0	0	0	0	0	0	0
HPSI 2A, gpm	10	10	16	16	16	24	24	24	24
HPSI 2B, gpm	0	0	0	0	0	0	0	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	52	52	52	52	52	52	52	52	52
SIT PRS, psia	325	324	323	323	321	320	318	317	315
RWST LVL, %	88	88	88	88	88	88	88	88	88
CNT PRS, psig	0.60	0.65	0.69	0.70	0.70	0.70	0.70	0.68	0.67
CNT TMP, deg F	111	113	114	115	115	115	115	114	114
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	0	0	20	0	0	48	0	0	48
PLENUM LVL, %	61	82	100	61	61	100	82	61	100
RCS LEAK, gpm	318	319	319	320	320	321	321	321	322

TIME, clock MINUTES, elapsed	11:36 216	11:37 217	11:38 218	11:39 219	11:40 220	11:41 221	11:42 222	11:43 223	11:44 224
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	457	457	456	455	455	454	453	452	452
THOT 1, deg F	244	240	236	232	229	226	223	221	218
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	263	260	257	253	250	247	244	241	238
THOT 2, deg F	244	240	237	232	229	226	223	221	218
TCOLD 2A, deg F	243	241	239	236	234	231	229	226	224
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	243	239	234	235	230	227	224	221	218
SUBCOOL, deg F	178	182	186	186	189	192	195	198	200
HEADTMP, deg F	421	420	420	419	419	419	418	418	417
PZRPRS, psia	314	312	311	310	308	307	305	304	303
PZRLVL, %	45	56	13	60	0	50	8	40	10
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	389	419	318	410	312	412	410	370	395
CHARGING, gpm	131	140	133	131	133	133	130	131	131
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	36	34	33	32	31	30	29	28	27
SG88STM, lb/sec	28	27	25	24	23	22	21	20	19
SG88PRS, psia	25	24	23	22	21	20	19	18	18
SG89NRL, %	64	65	65	66	67	67	68	69	70
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	11	11	10	10	9	8	8	7	7
SG89PRS, psia	33	31	29	28	26	24	23	22	21
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	26	21	21	21	21	21	21	21	21
HPSI 1B, gpm	0	21	21	21	21	21	21	21	21
HPSI 2A, gpm	24	19	21	21	21	21	21	21	21
HPSI 2B, gpm	0	21	21	21	21	21	21	21	21
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	52	52	52	52	52	52	52	52	51
SIT PRS, psia	314	312	311	310	308	307	305	304	303
RWST LVL, %	88	88	88	88	88	88	88	87	87
CNT PRS, psig	0.66	0.63	0.62	0.60	0.58	0.56	0.54	0.55	0.56
CNT TMP, deg F	113	112	112	111	110	110	109	109	110
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	0	0	48	0	48	20	48	48	20
PLENUM LVL, %	100	82	100	100	100	100	100	100	100
RCS LEAK, gpm	322	322	322	323	322	322	322	322	322

TIME, clock	11:45	11:46	11:47	11:48	11:49	11:50	11:51	11:52	11:53
MINUTES, elapsed	225	226	227	228	229	230	231	232	233
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	451	450	450	449	449	448	448	447	447
THOT 1, deg F	215	213	212	211	211	210	209	208	209
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	235	232	230	227	225	223	221	220	219
THOT 2, deg F	215	213	212	211	211	210	210	208	209
TCOLD 2A, deg F	222	220	218	216	214	212	210	207	206
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	215	213	211	210	210	210	209	207	207
SUBCOOL, deg F	202	204	206	207	206	207	213	233	214
HEADTMP, deg F	417	417	417	416	416	416	415	415	415
PZRPRS, psia	302	301	299	298	298	297	315	382	313
PZRLVL, %	8	5	8	11	16	22	28	31	30
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	407	394	401	398	403	417	430	435	418
CHARGING, gpm	134	133	134	133	141	140	131	132	132
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	26	25	24	24	23	22	22	21	21
SG88STM, lb/sec	19	18	17	17	16	16	15	15	14
SG88PRS, psia	17	16	15	15	15	15	15	15	15
SG89NRL, %	70	71	72	73	74	75	75	76	77
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	6	6	5	5	4	4	3	3	3
SG89PRS, psia	20	19	18	17	17	16	16	16	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	21	21	21	21	21	21	6	0	15
HPSI 1B, gpm	21	21	21	21	21	21	6	0	0
HPSI 2A, gpm	21	21	21	21	21	21	13	0	0
HPSI 2B, gpm	21	21	21	21	21	21	13	0	0
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	51	51	51	51	50	50	50	50	50
SIT PRS, psia	302	301	299	298	298	297	315	382	313
RWST LVL, %	87	87	87	87	87	87	87	86	86
CNT PRS, psig	0.56	0.57	0.59	0.66	0.77	0.86	0.93	0.98	1.02
CNT TMP, deg F	110	110	111	114	118	121	123	125	127
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	322	322	322	322	322	321	332	367	331

TIME, clock	11:54	11:55	11:56	11:57	11:58	11:59	12:00	12:01	12:02
MINUTES, elapsed	234	235	236	237	238	239	240	241	242
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	447	446	446	446	446	445	445	206	208
THOT 1, deg F	208	207	207	206	206	206	205	203	208
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	218	216	216	214	214	213	213	210	208
THOT 2, deg F	208	207	207	206	206	206	205	204	197
TCOLD 2A, deg F	205	204	202	202	201	200	199	199	206
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	207	206	206	205	204	204	204	204	206
SUBCOOL, deg F	208	209	209	209	209	209	209	209	205
HEADTMP, deg F	414	414	414	413	413	412	412	412	410
PZRPRS, psia	295	293	292	289	288	288	286	285	281
PZRLVL, %	33	38	42	46	47	46	47	49	50
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	416	415	415	414	413	409	411	410	410
CHARGING, gpm	131	141	134	134	45	45	45	45	45
LETDOWN, gpm	0	0	0	0	0	0	0	0	0
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	15	18	18	17	17	17	17	17	17
SG88STM, lb/sec	12	13	13	12	12	12	12	11	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	78	79	80	81	82	82	83	84	85
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	2	2	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	15	23	12	4	0	0	0	50	50
HPSI 1B, gpm	0	0	0	0	0	0	0	50	50
HPSI 2A, gpm	0	0	0	0	0	0	0	50	50
HPSI 2B, gpm	0	0	0	0	0	0	0	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	50	50	49	49	49	48	48	48	48
SIT PRS, psia	295	293	292	289	288	288	286	258	254
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.06	1.08	1.10	1.11	1.12	1.13	1.13	1.13	1.14
CNT TMP, deg F	128	129	130	130	131	131	131	131	131
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	321	320	320	318	317	317	317	316	314

TIME, clock	12:03	12:04	12:05	12:06	12:07	12:08	12:09	12:10	12:11
MINUTES, elapsed	243	244	245	246	247	248	249	250	251
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	209	210	210	209	209	209	209	209	208
THOT 1, deg F	209	211	211	211	211	211	210	210	210
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	209	209	208	208	208	208	207	207	207
THOT 2, deg F	196	208	211	211	211	211	210	210	210
TCOLD 2A, deg F	207	207	202	201	201	201	201	201	200
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	208	210	212	212	211	211	211	211	211
SUBCOOL, deg F	202	199	197	196	196	195	195	195	195
HEADTMP, deg F	408	406	406	404	403	402	401	400	398
PZRPRS, psia	277	275	272	268	264	261	257	254	250
PZRLVL, %	49	48	47	47	46	45	44	43	43
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	409	408	408	407	407	406	406	406	405
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	28	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	19	17	18	17	17	19	17	18	17
SG88STM, lb/sec	13	12	11	11	13	12	11	11	13
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	86	87	88	89	90	91	92	93	94
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	47	47	47	47	47	46	46	46	46
SIT PRS, psia	251	249	272	268	264	261	257	254	250
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.15	1.16	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	132	132	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	312	310	308	306	303	301	299	297	294

TIME, clock MINUTES, elapsed	12:12 252	12:13 253	12:14 254	12:15 255	12:16 256	12:17 257	12:18 258	12:19 259	12:20 260
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	208	208	208	208	207	207	207	207	207
THOT 1, deg F	210	210	209	209	209	209	209	208	208
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	207	207	206	206	206	206	206	205	205
THOT 2, deg F	210	210	209	209	209	209	209	208	208
TCOLD 2A, deg F	200	200	200	200	199	199	199	199	199
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	210	210	210	210	210	209	209	209	209
SUBCOOL, deg F	195	194	194	194	194	194	193	193	193
HEADTMP, deg F	397	396	395	394	392	391	390	389	388
PZRPRS, psia	246	243	240	236	233	230	226	223	220
PZRLVL, %	42	41	41	40	39	39	38	38	37
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	405	404	404	404	403	403	402	402	402
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	19	17	18	17	17	19	17	18
SG88STM, lb/sec	12	11	11	13	12	11	11	13	12
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	95	96	97	98	99	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	46	45	45	45	45	45	44	44	44
SIT PRS, psia	246	243	240	236	233	230	226	223	220
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	292	290	288	286	283	281	279	277	275

TIME, clock	12:21	12:22	12:23	12:24	12:25	12:26	12:27	12:28	12:29
MINUTES, elapsed	261	262	263	264	265	266	267	268	269
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	206	206	206	206	206	205	205	205	205
THOT 1, deg F	208	208	208	207	207	207	207	207	206
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	205	205	205	204	204	204	204	204	203
THOT 2, deg F	208	208	208	207	207	207	207	207	206
TCOLD 2A, deg F	198	198	198	198	198	197	197	197	197
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	209	208	208	208	208	208	207	207	207
SUBCOOL, deg F	193	193	192	192	192	192	192	191	191
HEADTMP, deg F	386	385	384	383	382	380	379	378	377
PZRPRS, psia	217	214	211	208	205	202	199	197	194
PZRLVL, %	36	36	35	35	34	34	34	33	33
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	401	401	400	400	400	399	399	398	398
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	17	19	17	18	17	17	19	17
SG88STM, lb/sec	11	11	13	12	11	11	13	12	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	44	44	43	43	43	43	43	42	42
SIT PRS, psia	217	214	211	208	205	202	199	197	194
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	273	271	269	267	265	263	261	259	257

TIME, clock	12:30	12:31	12:32	12:33	12:34	12:35	12:36	12:37	12:38
MINUTES, elapsed	270	271	272	273	274	275	276	277	278
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	205	204	204	204	204	204	203	203	203
THOT 1, deg F	206	206	206	206	205	205	205	205	205
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	203	203	203	203	202	202	202	202	202
THOT 2, deg F	206	206	206	206	205	205	205	205	205
TCOLD 2A, deg F	197	196	196	196	196	196	195	195	195
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	207	207	206	206	206	206	206	205	205
SUBCOOL, deg F	191	191	191	190	190	190	190	190	189
HEADTMP, deg F	376	374	373	372	371	370	368	367	366
PZRPRS, psia	191	189	186	183	181	178	176	173	171
PZRLVL, %	32	32	32	31	31	31	30	30	30
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	398	397	397	396	396	396	395	395	394
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	18	17	17	19	17	18	17	17	19
SG88STM, lb/sec	11	13	12	11	11	13	12	11	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	42	42	42	41	41	41	41	41	40
SIT PRS, psia	191	189	186	183	181	178	176	173	171
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	255	253	251	249	247	245	243	242	240

TIME, clock	12:39	12:40	12:41	12:42	12:43	12:44	12:45	12:46	12:47
MINUTES, elapsed	279	280	281	282	283	284	285	286	287
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	203	203	202	202	202	202	202	201	201
THOT 1, deg F	204	204	204	204	204	203	203	203	203
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	201	201	201	201	201	200	200	200	200
THOT 2, deg F	204	204	204	204	204	203	203	203	203
TCOLD 2A, deg F	195	195	194	194	194	194	194	193	193
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	205	205	205	204	204	204	204	204	203
SUBCOOL, deg F	189	189	189	189	188	188	188	188	188
HEADTMP, deg F	365	364	362	361	360	359	358	356	355
PZRPRS, psia	168	166	164	161	159	157	155	153	150
PZRLVL, %	30	29	29	29	29	29	29	28	28
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	394	394	393	393	392	392	392	391	391
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	18	17	17	19	17	18	17	17
SG88STM, lb/sec	13	12	11	11	13	12	11	11	13
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	40	40	40	40	39	39	39	39	39
SIT PRS, psia	168	166	164	161	159	157	155	153	150
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	238	236	234	232	231	229	227	225	223

TIME, clock	12:48	12:49	12:50	12:51	12:52	12:53	12:54	12:55	12:56
MINUTES, elapsed	288	289	290	291	292	293	294	295	296
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	201	201	201	200	200	200	200	200	199
THOT 1, deg F	203	202	202	202	202	202	201	201	201
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	200	199	199	199	199	199	198	198	198
THOT 2, deg F	203	202	202	202	202	202	201	201	201
TCOLD 2A, deg F	193	193	193	192	192	192	192	192	191
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	203	203	203	203	202	202	202	202	202
SUBCOOL, deg F	187	187	187	187	187	186	186	186	186
HEADTMP, deg F	354	353	352	350	349	348	347	346	344
PZRPRS, psia	148	146	144	142	140	138	136	134	133
PZRLVL, %	28	28	28	28	28	28	28	28	28
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	390	390	390	389	389	388	388	388	387
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	19	17	18	17	17	19	17	18	17
SG88STM, lb/sec	12	11	11	13	12	11	11	13	12
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	38	38	38	38	38	37	37	37	37
SIT PRS, psia	148	146	144	142	140	138	136	134	133
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	222	220	218	217	215	213	211	210	208

TIME, clock	12:57	12:58	12:59	13:00	13:01	13:02	13:03	13:04	13:05
MINUTES, elapsed	297	298	299	300	301	302	303	304	305
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	199	199	199	199	198	198	198	198	198
THOT 1, deg F	201	201	200	200	200	200	200	199	199
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	198	198	197	197	197	197	197	196	196
THOT 2, deg F	201	201	200	200	200	200	200	199	199
TCOLD 2A, deg F	191	191	191	191	190	190	190	190	190
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	201	201	201	201	201	200	200	200	200
SUBCOOL, deg F	186	185	185	185	185	185	184	184	184
HEADTMP, deg F	343	342	341	340	338	337	336	335	334
PZRPRS, psia	131	129	127	125	124	122	120	118	117
PZRLVL, %	28	28	28	28	28	29	29	29	29
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	387	386	386	386	385	385	384	384	384
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	19	17	18	17	17	19	17	18
SG88STM, lb/sec	11	11	13	12	11	11	13	12	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	37	36	36	36	36	36	35	35	35
SIT PRS, psia	131	129	127	125	124	122	120	118	117
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	207	205	203	202	200	198	197	195	194

TIME, clock	13:06	13:07	13:08	13:09	13:10	13:11	13:12	13:13	13:14
MINUTES, elapsed	306	307	308	309	310	311	312	313	314
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	197	197	197	197	197	196	196	196	196
THOT 1, deg F	199	199	199	198	198	198	198	198	197
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	196	196	196	195	195	195	195	195	194
THOT 2, deg F	199	199	199	198	198	198	198	198	197
TCOLD 2A, deg F	189	189	189	189	189	188	188	188	188
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	200	199	199	199	199	199	198	198	198
SUBCOOL, deg F	184	184	183	183	183	183	183	182	182
HEADTMP, deg F	332	331	330	329	328	326	325	324	323
PZRPRS, psia	115	114	112	110	109	107	106	104	103
PZRLVL, %	29	29	30	30	30	30	31	31	31
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	383	383	382	382	382	381	381	380	380
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	17	19	17	18	17	17	19	17
SG88STM, lb/sec	11	13	12	11	11	13	12	11	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	35	35	34	34	34	34	34	33	33
SIT PRS, psia	115	114	112	110	109	107	106	104	103
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	192	191	189	187	186	184	183	181	180

TIME, clock MINUTES, elapsed	13:15 315	13:16 316	13:17 317	13:18 318	13:19 319	13:20 320	13:21 321	13:22 322	13:23 323
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	196	195	195	195	195	195	194	194	194
THOT 1, deg F	197	197	197	197	196	196	196	196	196
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	194	194	194	194	193	193	193	193	193
THOT 2, deg F	197	197	197	197	196	196	196	196	196
TCOLD 2A, deg F	188	187	187	187	187	187	186	186	186
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	198	198	197	197	197	197	197	196	196
SUBCOOL, deg F	182	182	182	181	181	181	181	181	180
HEADTMP, deg F	322	320	319	318	317	316	314	313	312
PZRPRS, psia	101	100	99	97	96	94	93	92	91
PZRLVL, %	31	32	32	32	33	33	33	34	34
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	380	379	379	378	378	378	377	377	376
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	18	17	17	19	17	18	17	17	19
SG88STM, lb/sec	13	12	11	11	13	12	11	11	13
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	33	33	33	32	32	32	32	32	31
SIT PRS, psia	101	100	99	97	96	94	93	92	91
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	178	177	176	174	173	171	170	168	167

TIME, clock MINUTES, elapsed	13:24 324	13:25 325	13:26 326	13:27 327	13:28 328	13:29 329	13:30 330	13:31 331	13:32 332
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	194	194	193	193	193	193	193	192	192
THOT 1, deg F	195	195	195	195	195	194	194	194	194
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	192	192	192	192	192	191	191	191	191
THOT 2, deg F	195	195	195	195	195	194	194	194	194
TCOLD 2A, deg F	186	186	185	185	185	185	185	184	184
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	196	196	196	195	195	195	195	195	194
SUBCOOL, deg F	180	180	180	180	179	179	179	179	179
HEADTMP, deg F	311	310	308	307	306	305	304	302	301
PZRPRS, psia	89	88	87	86	84	83	82	81	80
PZRLVL, %	35	35	36	36	36	37	37	38	38
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	376	376	375	375	374	374	374	373	373
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	18	17	17	19	17	18	17	17
SG88STM, lb/sec	12	11	11	13	12	11	11	13	12
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	31	31	31	31	30	30	30	30	30
SIT PRS, psia	89	88	87	86	84	83	82	81	80
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	166	164	163	161	160	159	157	156	155

TIME, clock	13:33	13:34	13:35	13:36	13:37	13:38	13:39	13:40	13:41
MINUTES, elapsed	333	334	335	336	337	338	339	340	341
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	192	192	192	191	191	191	191	191	190
THOT 1, deg F	194	193	193	193	193	193	192	192	192
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	191	190	190	190	190	190	189	189	189
THOT 2, deg F	194	193	193	193	193	193	192	192	192
TCOLD 2A, deg F	184	184	184	183	183	183	183	183	182
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	194	194	194	194	193	193	193	193	193
SUBCOOL, deg F	178	178	178	178	178	177	177	177	177
HEADTMP, deg F	300	299	298	296	295	294	293	292	290
PZRPRS, psia	79	78	76	75	74	73	72	71	70
PZRLVL, %	39	39	40	41	41	42	42	43	44
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	372	372	372	371	371	370	370	370	369
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	19	17	18	17	17	19	17	18	17
SG88STM, lb/sec	11	11	13	12	11	11	13	12	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	29	29	29	29	29	28	28	28	28
SIT PRS, psia	79	78	76	75	74	73	72	71	70
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	153	152	151	149	148	147	145	144	143

TIME, clock	13:42	13:43	13:44	13:45	13:46	13:47	13:48	13:49	13:50
MINUTES, elapsed	342	343	344	345	346	347	348	349	350
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	190	190	190	190	189	189	189	189	189
THOT 1, deg F	192	192	191	191	191	191	191	190	190
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	189	189	188	188	188	188	188	187	187
THOT 2, deg F	192	192	191	191	191	191	191	190	190
TCOLD 2A, deg F	182	182	182	182	181	181	181	181	181
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	192	192	192	192	192	191	191	191	191
SUBCOOL, deg F	177	176	176	176	176	176	175	175	175
HEADTMP, deg F	289	288	287	286	284	283	282	281	280
PZRPRS, psia	69	68	67	66	65	65	64	63	62
PZRLVL, %	44	45	45	46	47	47	48	49	50
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	369	368	368	368	367	367	366	366	366
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	19	17	18	17	17	19	17	18
SG88STM, lb/sec	11	13	12	11	11	13	12	11	11
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	28	27	27	27	27	27	26	26	26
SIT PRS, psia	69	68	67	66	65	65	64	63	62
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	141	140	139	138	136	135	134	133	131

TIME, clock	13:51	13:52	13:53	13:54	13:55	13:56	13:57	13:58	13:59
MINUTES, elapsed	351	352	353	354	355	356	357	358	359
POWER, %	0	0	0	0	0	0	0	0	0
TAVE, deg F	188	188	188	188	188	187	187	187	187
THOT 1, deg F	190	190	190	189	189	189	189	189	188
TCOLD 1A, deg F	525	525	525	525	525	525	525	525	525
TCOLD 1B, deg F	187	187	187	186	186	186	186	186	185
THOT 2, deg F	190	190	190	189	189	189	189	189	188
TCOLD 2A, deg F	180	180	180	180	180	179	179	179	179
TCOLD 2B, deg F	525	525	525	525	525	525	525	525	525
REP CET, deg F	191	190	190	190	190	190	189	189	189
SUBCOOL, deg F	175	175	174	174	174	174	174	173	173
HEADTMP, deg F	278	277	276	275	274	272	271	270	269
PZRPRS, psia	61	60	59	59	58	57	56	55	55
PZRLVL, %	50	51	52	53	53	54	55	56	56
PZRSP, %	30	30	30	30	30	30	30	30	30
PZRTMP, deg F	365	365	364	364	364	363	363	362	362
CHARGING, gpm	45	45	45	45	45	45	45	45	45
LETDOWN, gpm	33	33	33	33	33	33	33	33	33
SG88NRL, %	66	66	66	66	66	66	66	66	66
SG88WRL, %	100	100	100	100	100	100	100	100	100
SG88AFW, gpm	0	0	0	0	0	0	0	0	0
SG88MFW, lb/sec	17	17	19	17	18	17	17	19	17
SG88STM, lb/sec	13	12	11	11	13	12	11	11	13
SG88PRS, psia	15	15	15	15	15	15	15	15	15
SG89NRL, %	100	100	100	100	100	100	100	100	100
SG89WRL, %	100	100	100	100	100	100	100	100	100
SG89AFW, gpm	0	0	0	0	0	0	0	0	0
SG89MFW, lb/sec	0	0	0	0	0	0	0	0	0
SG89STM, lb/sec	0	0	0	0	0	0	0	0	0
SG89PRS, psia	15	15	15	15	15	15	15	15	15
CSTLVL, %	100	100	100	100	100	100	100	100	100
HPSI 1A, gpm	50	50	50	50	50	50	50	50	50
HPSI 1B, gpm	50	50	50	50	50	50	50	50	50
HPSI 2A, gpm	50	50	50	50	50	50	50	50	50
HPSI 2B, gpm	50	50	50	50	50	50	50	50	50
LPSI, gpm	0	0	0	0	0	0	0	0	0
SIT LVL, %	26	26	25	25	25	25	25	24	24
SIT PRS, psia	61	60	59	59	58	57	56	55	55
RWST LVL, %	86	86	86	86	86	86	86	86	86
CNT PRS, psig	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
CNT TMP, deg F	133	133	133	133	133	133	133	133	133
CNT SUMP, ft	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CNT H2, %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEAD LVL, %	100	100	100	100	100	100	100	100	100
PLENUM LVL, %	100	100	100	100	100	100	100	100	100
RCS LEAK, gpm	130	129	128	127	125	124	123	122	121

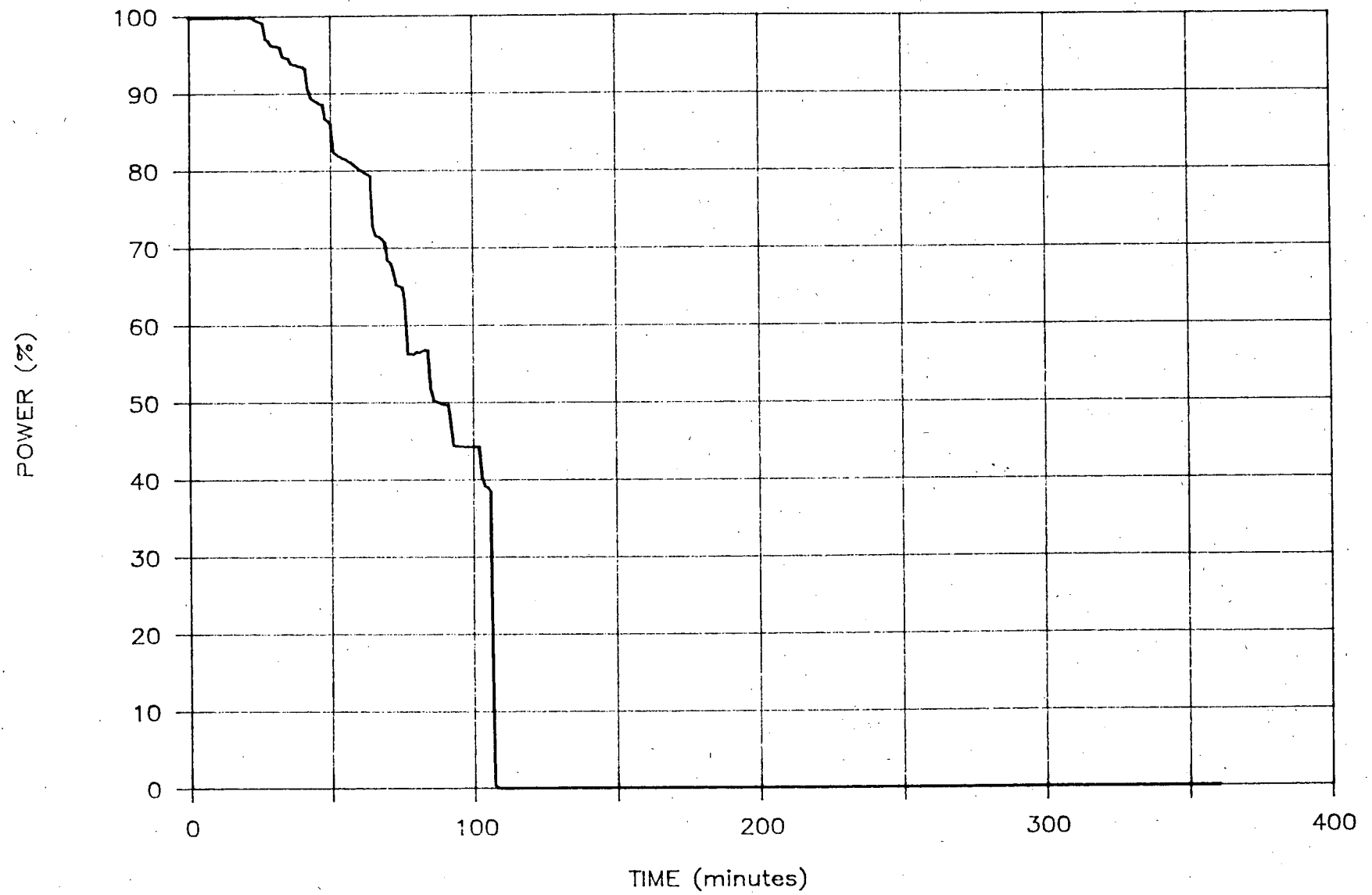
TIME, clock	14:00
MINUTES, elapsed	360
POWER, %	0
TAVE, deg F	187
THOT 1, deg F	188
TCOLD 1A, deg F	525
TCOLD 1B, deg F	185
THOT 2, deg F	188
TCOLD 2A, deg F	179
TCOLD 2B, deg F	525
REP CET, deg F	189
SUBCOOL, deg F	173
HEADTMP, deg F	268
PZRPRS, psia	54
PZRLVL, %	57
PZRSP, %	30
PZRTMP, deg F	362
CHARGING, gpm	45
LETDOWN, gpm	33
SG88NRL, %	66
SG88WRL, %	100
SG88AFW, gpm	0
SG88MFW, lb/sec	18
SG88STM, lb/sec	12
SG88PRS, psia	15
SG89NRL, %	100
SG89WRL, %	100
SG89AFW, gpm	0
SG89MFW, lb/sec	0
SG89STM, lb/sec	0
SG89PRS, psia	15
CSTLVL, %	100
HPSI 1A, gpm	50
HPSI 1B, gpm	50
HPSI 2A, gpm	50
HPSI 2B, gpm	50
LPSI, gpm	0
SIT LVL, %	24
SIT PRS, psia	54
RWST LVL, %	86
CNT PRS, psig	1.17
CNT TMP, deg F	133
CNT SUMP, ft	0.00
CNT H2, %	0.00
HEAD LVL, %	100
PLENUM LVL, %	100
RCS LEAK, gpm	120

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

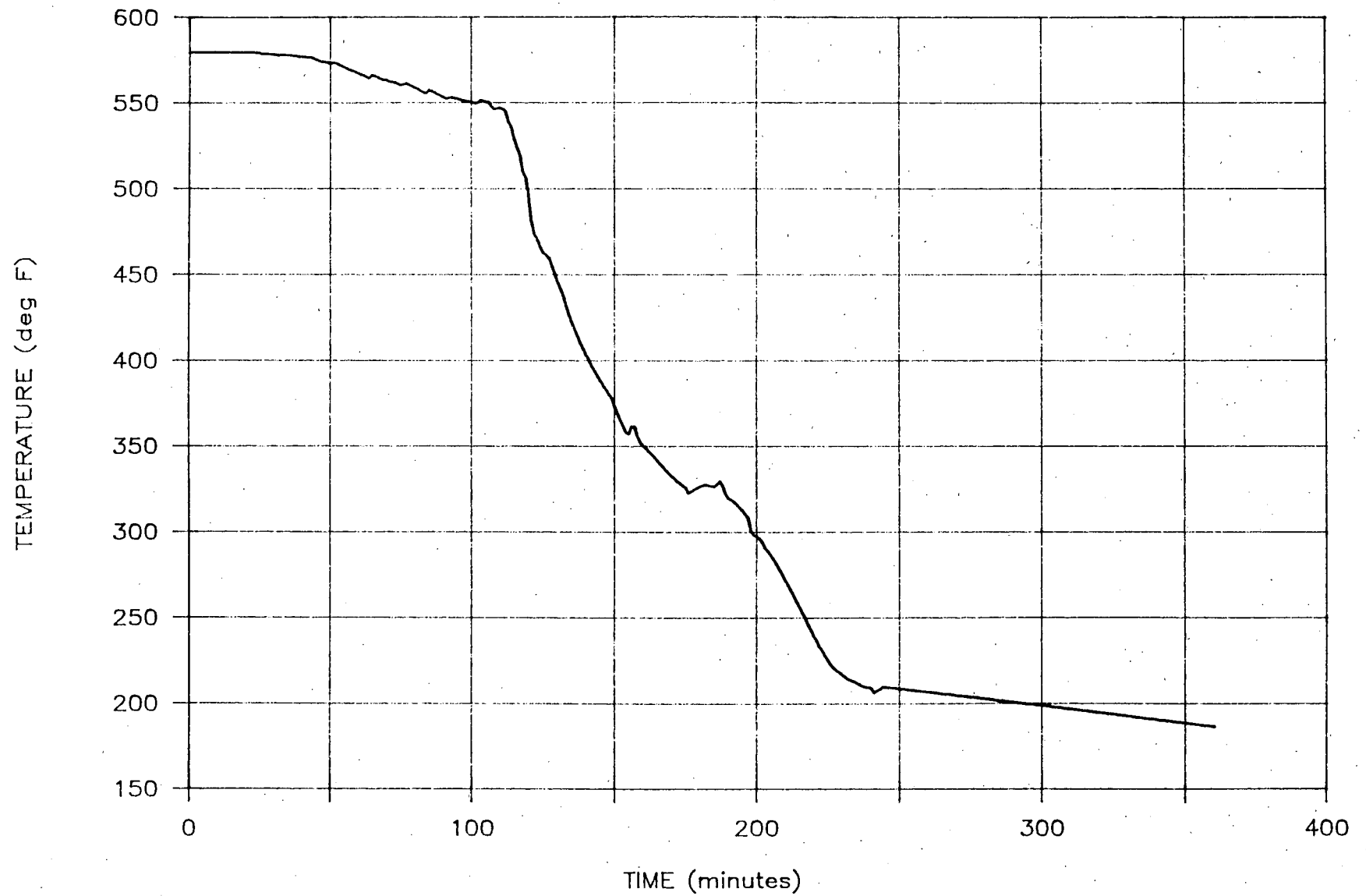
Plant Graphs

REACTOR POWER



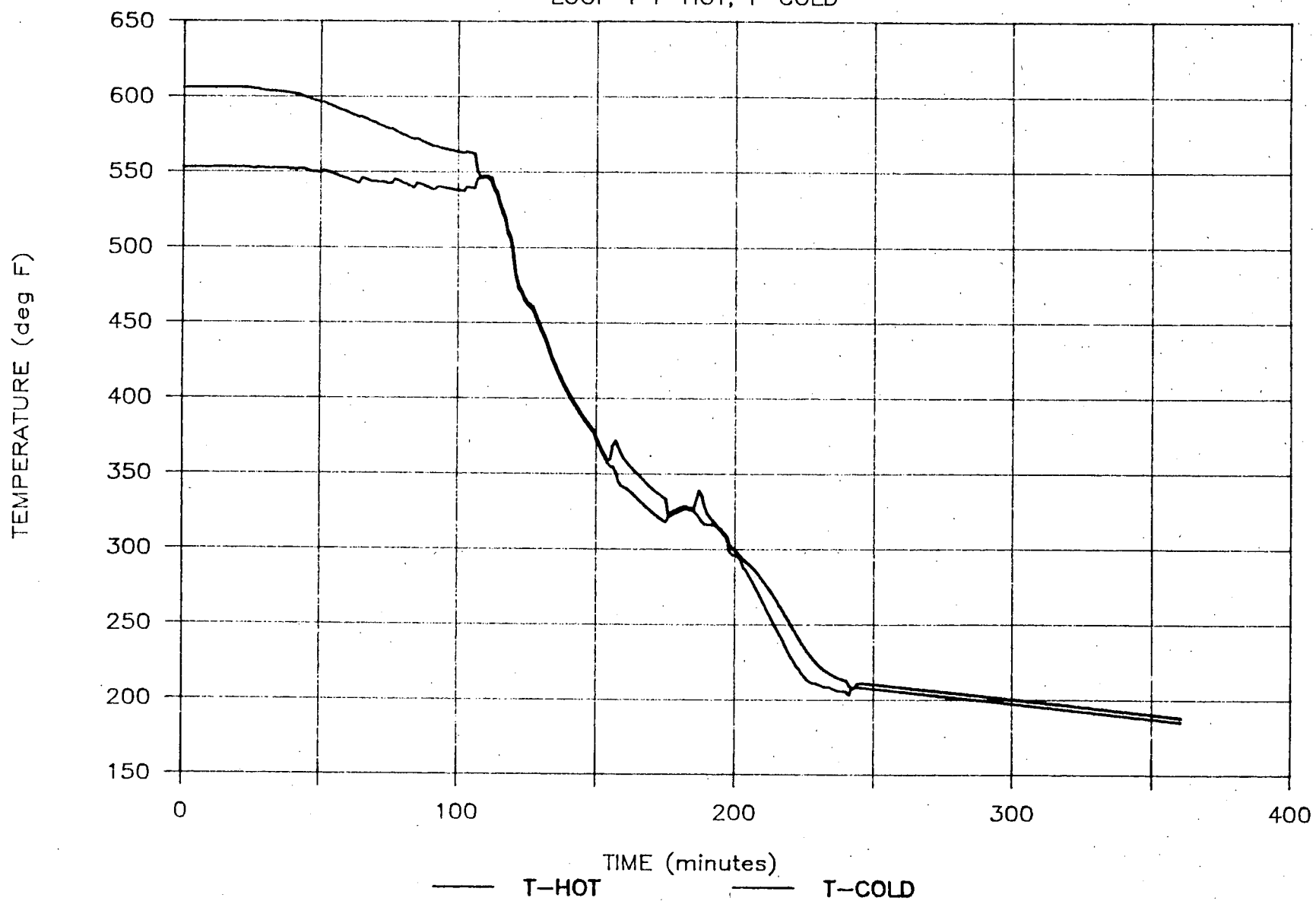
RCS TEMPERATURE

T AVERAGE



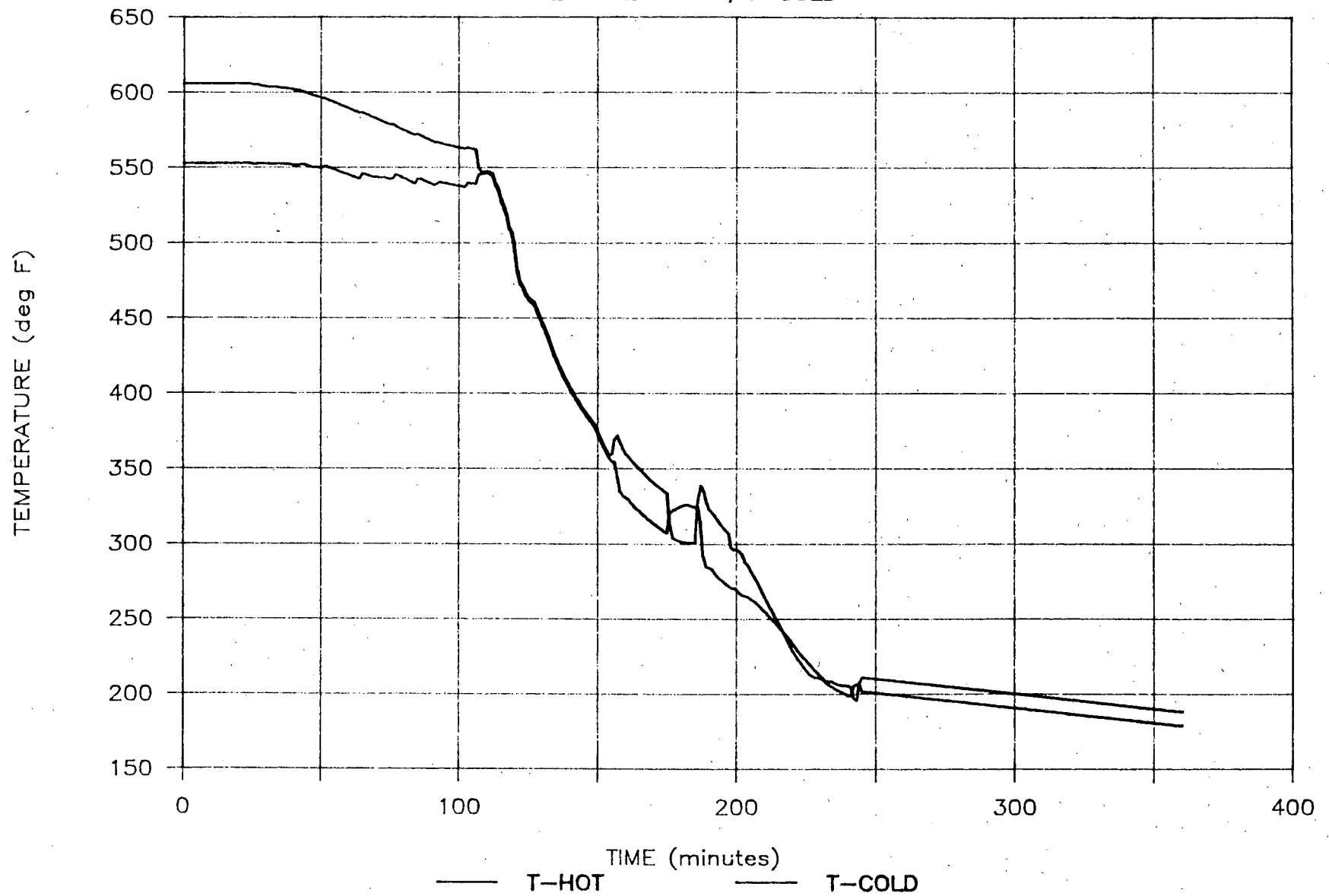
RCS TEMPERATURE

LOOP 1 T-HOT, T-COLD



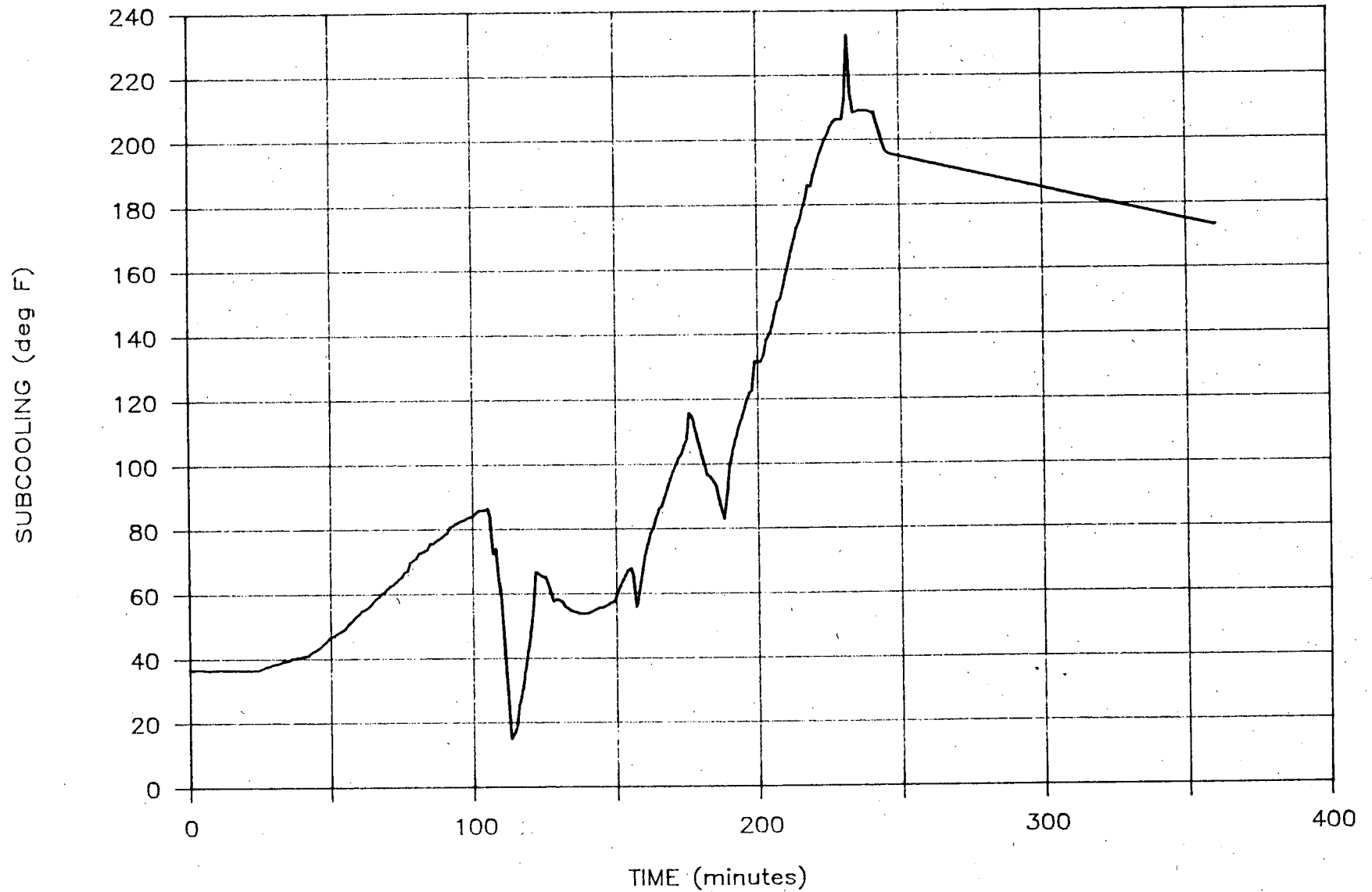
RCS TEMPERATURE

LOOP 2 T-HOT, T-COLD



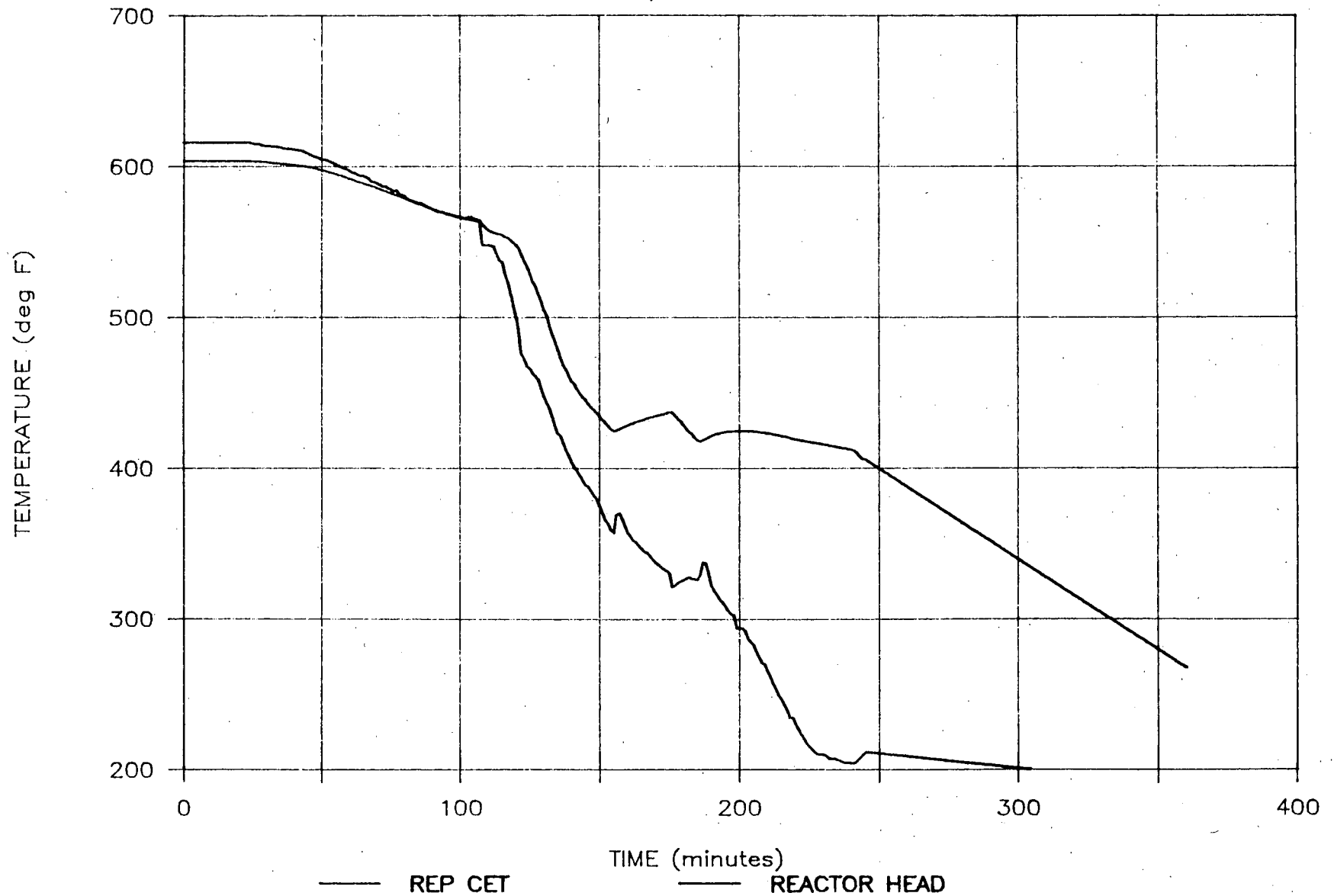
RCS SUBCOOLING

DEGREES F

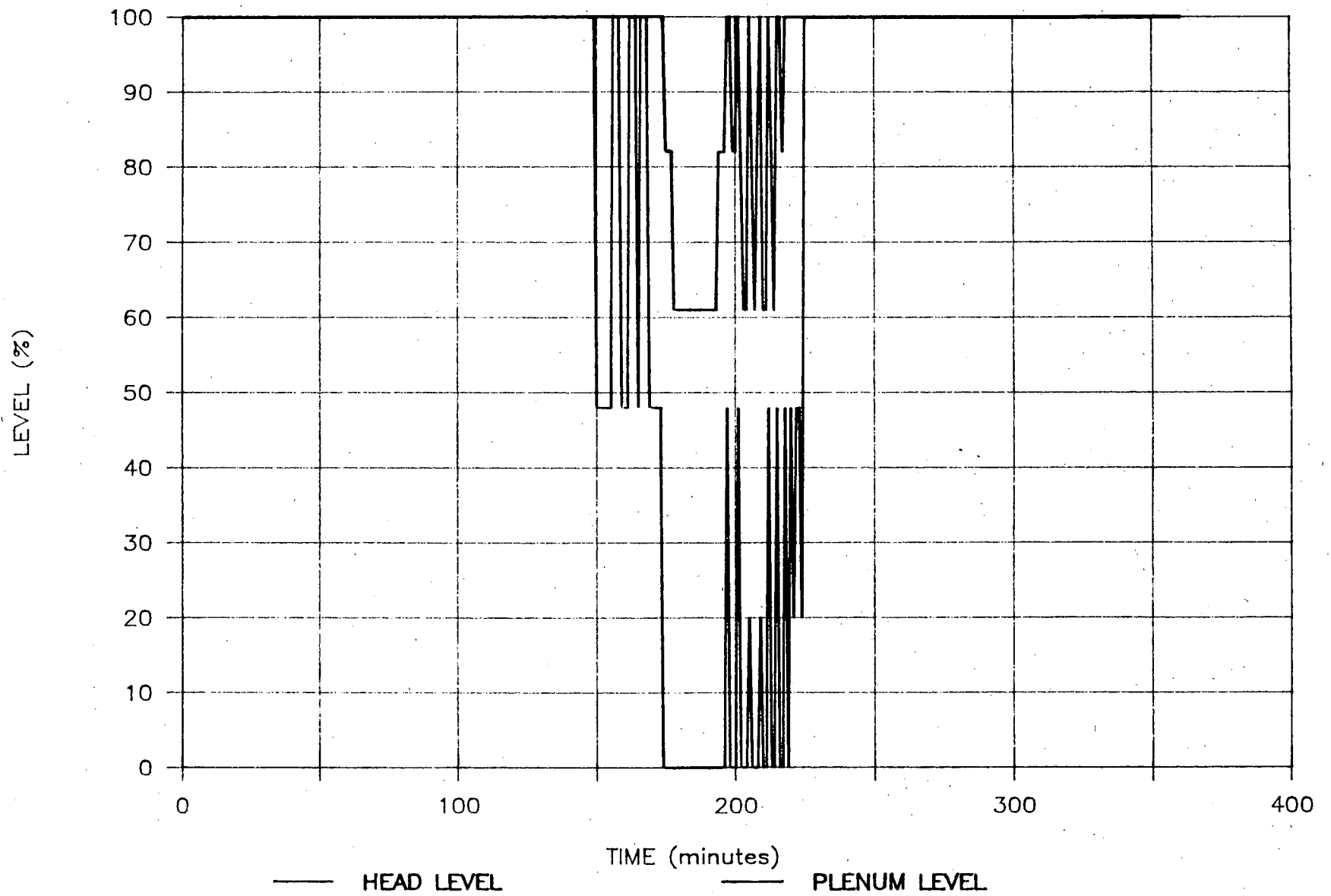


RCS TEMPERATURE

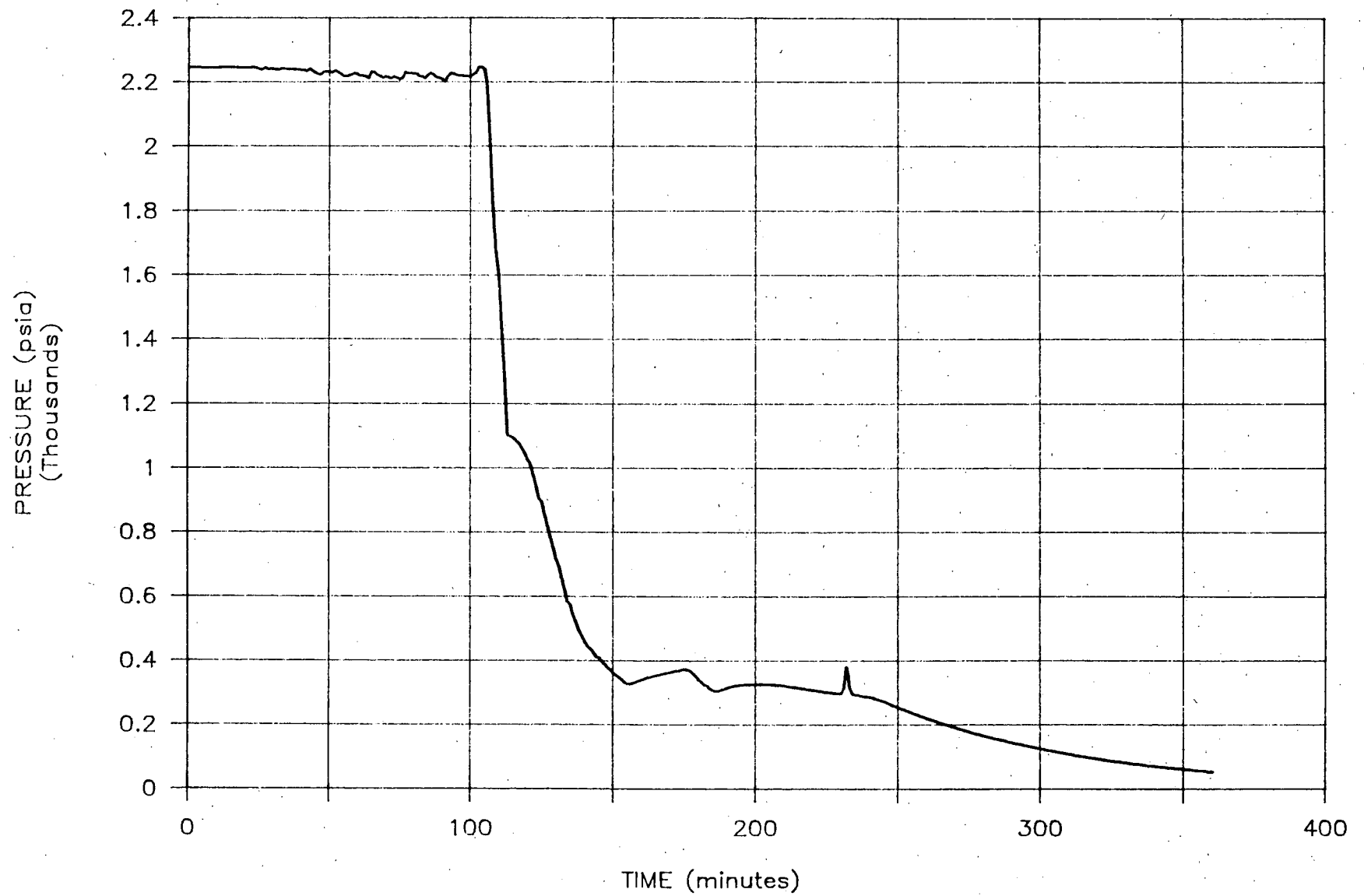
REP CET, REACTOR HEAD



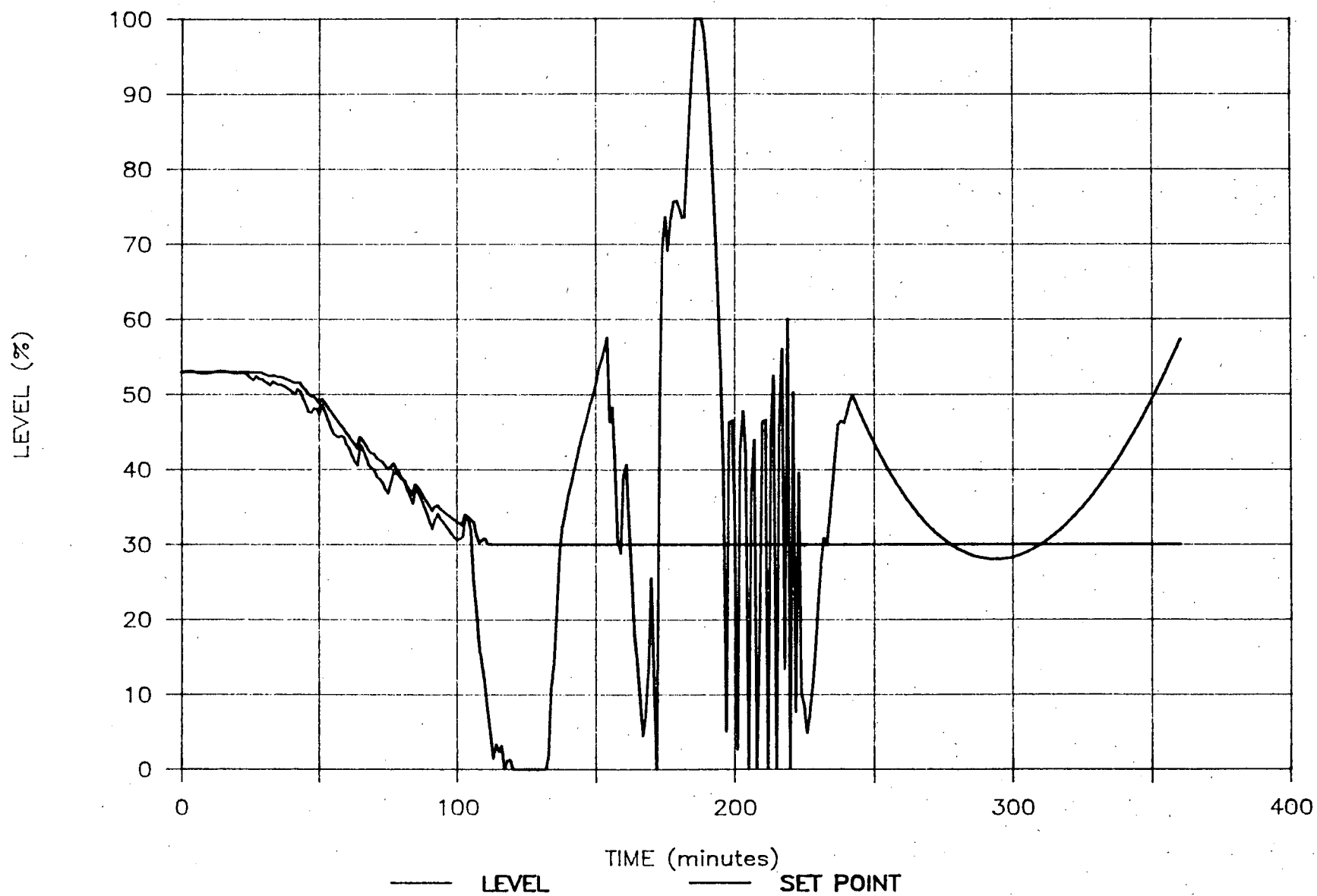
REACTOR VESSEL LEVEL



PRESSURIZER PRESSURE

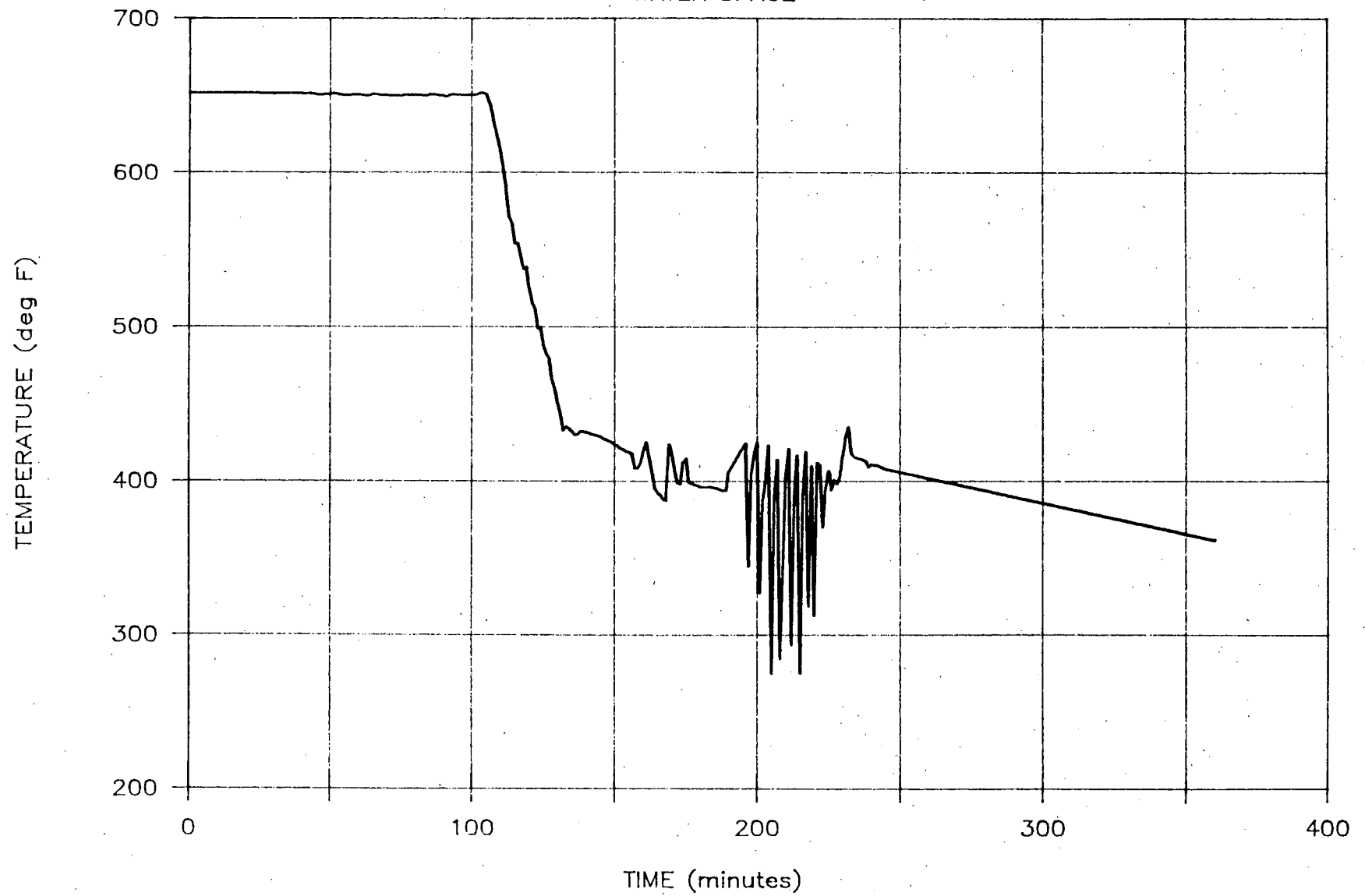


PRESSURIZER LEVEL



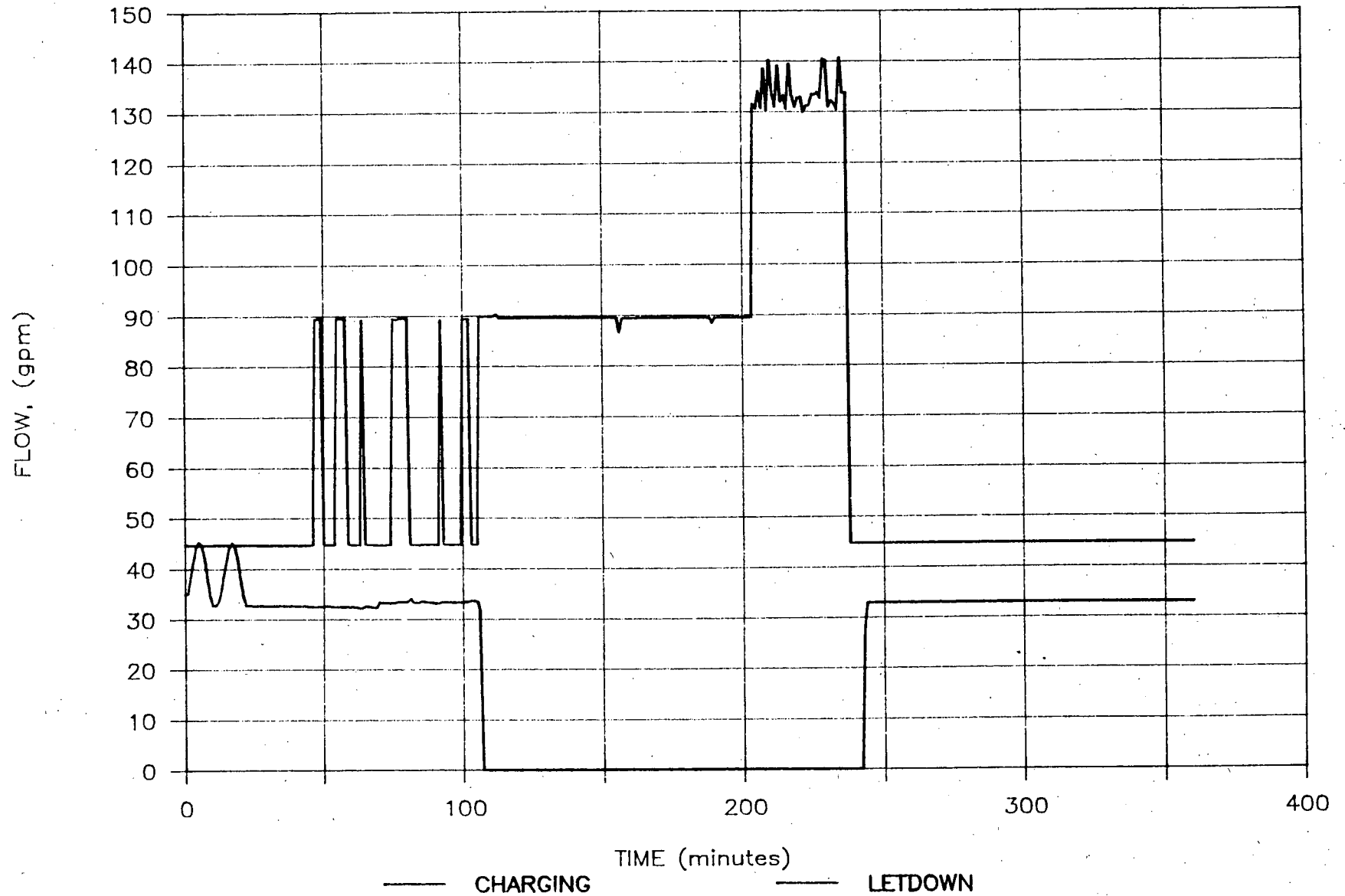
PRESSURIZER TEMPERATURE

WATER SPACE



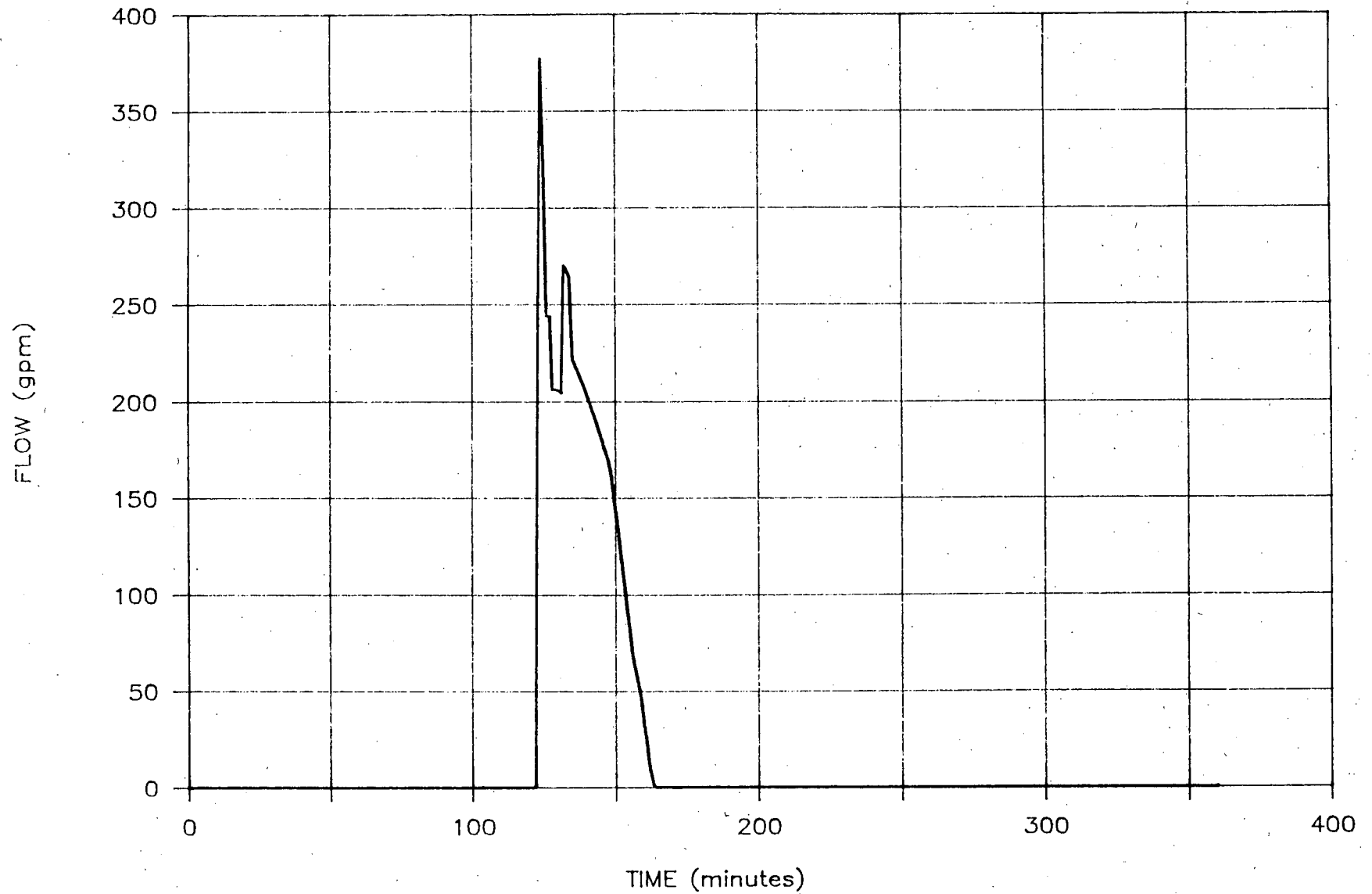
CVCS

CHARGING, LETDOWN



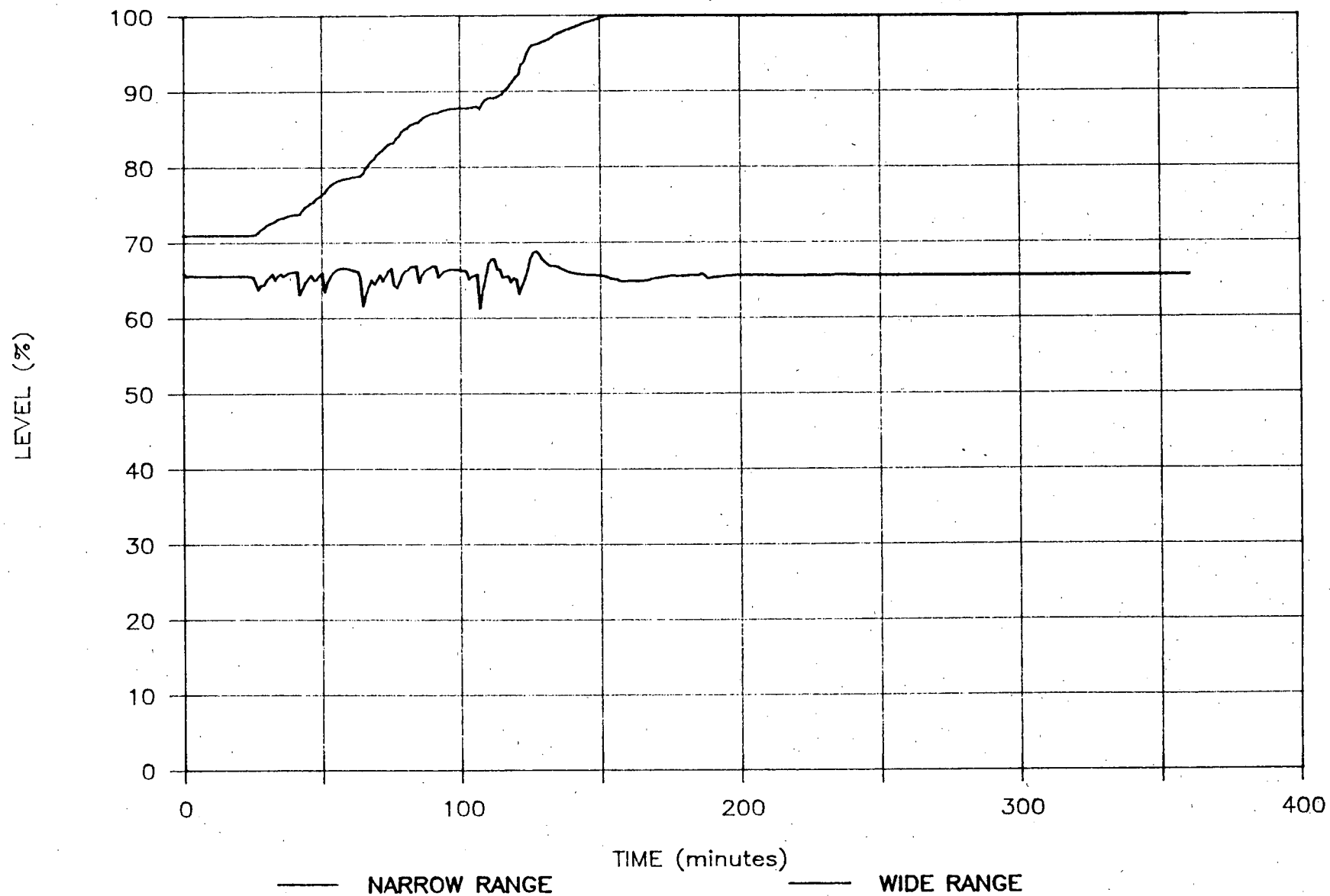
STEAM GENERATOR E-088

AUXILIARY FEEDWATER FLOW



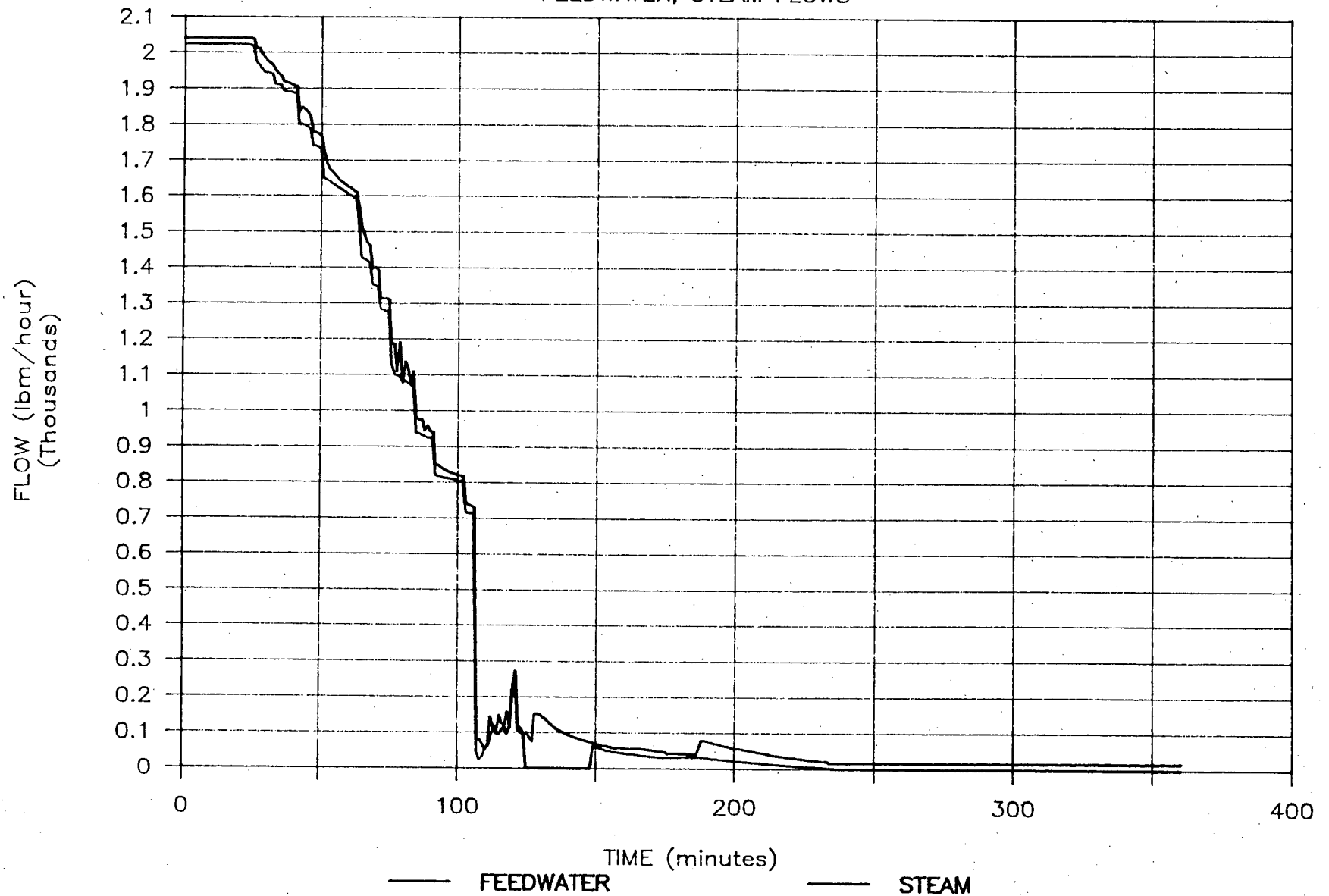
STEAM GENERATOR E-088

NARROW RANGE LEVEL, WIDE RANGE LEVEL



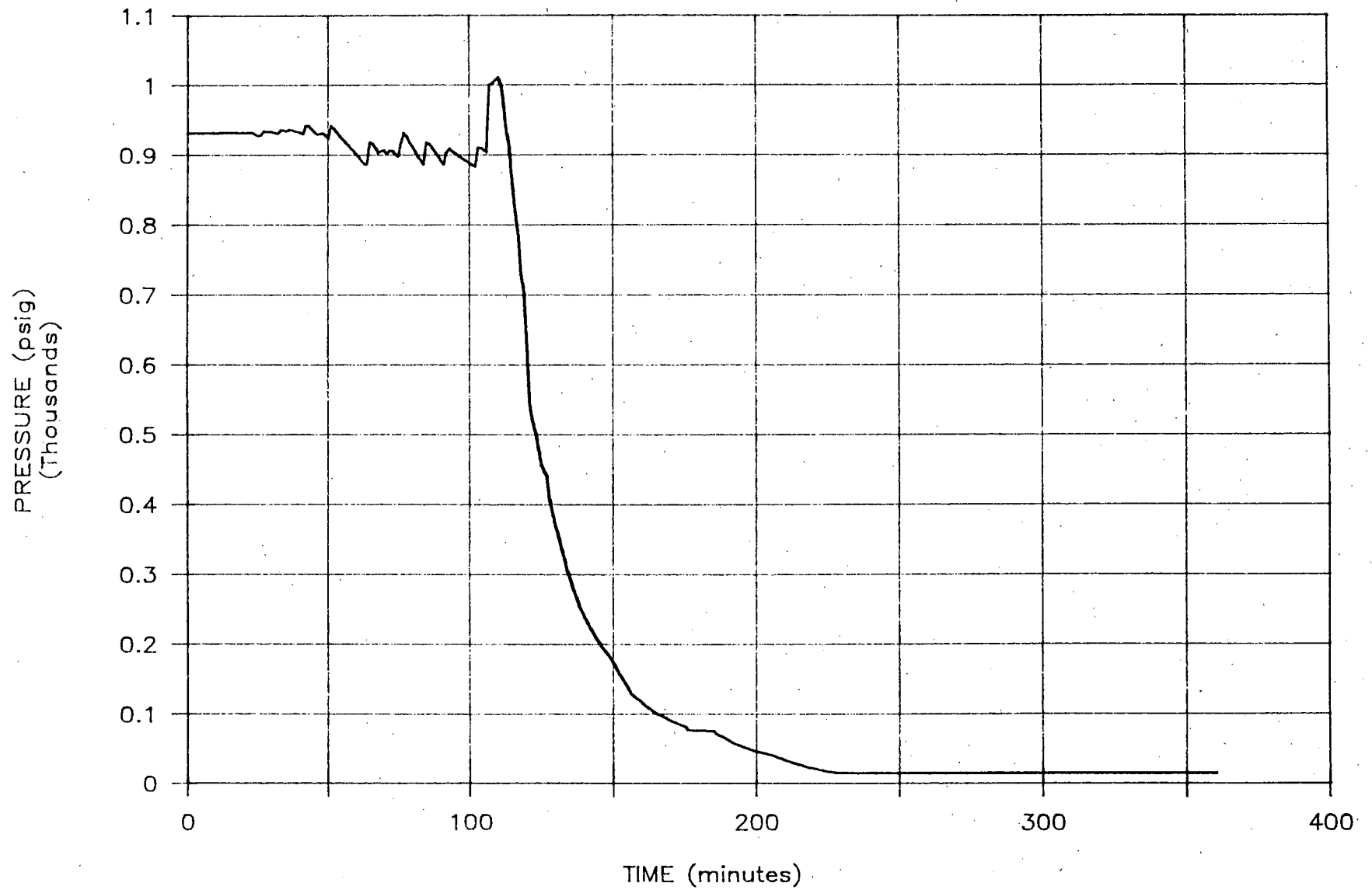
STEAM GENERATOR E-088

FEEDWATER, STEAM FLOWS



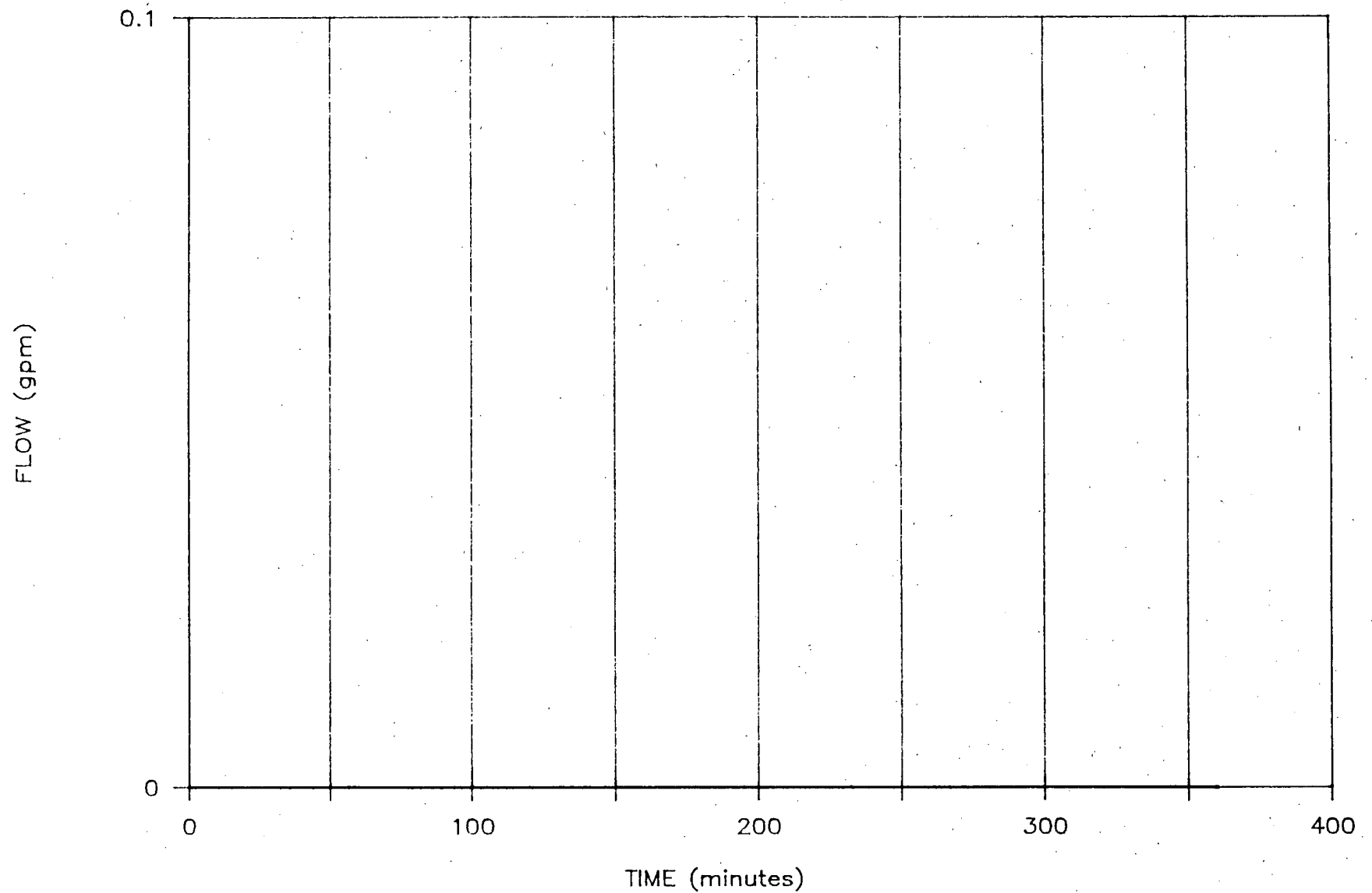
STEAM GENERATOR E-088

STEAM PRESSURE



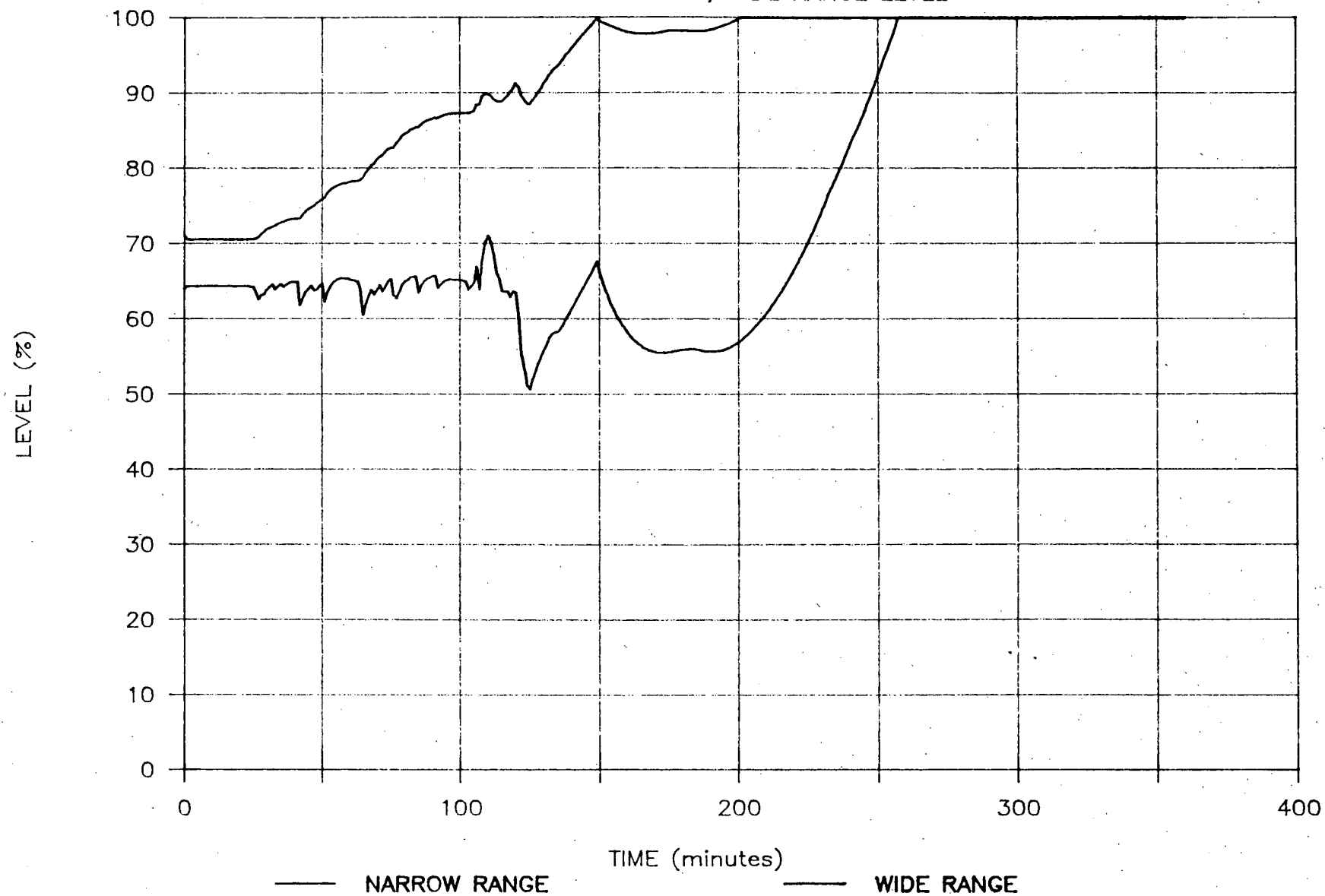
STEAM GENERATOR E-089

AUXILIARY FEEDWATER FLOW



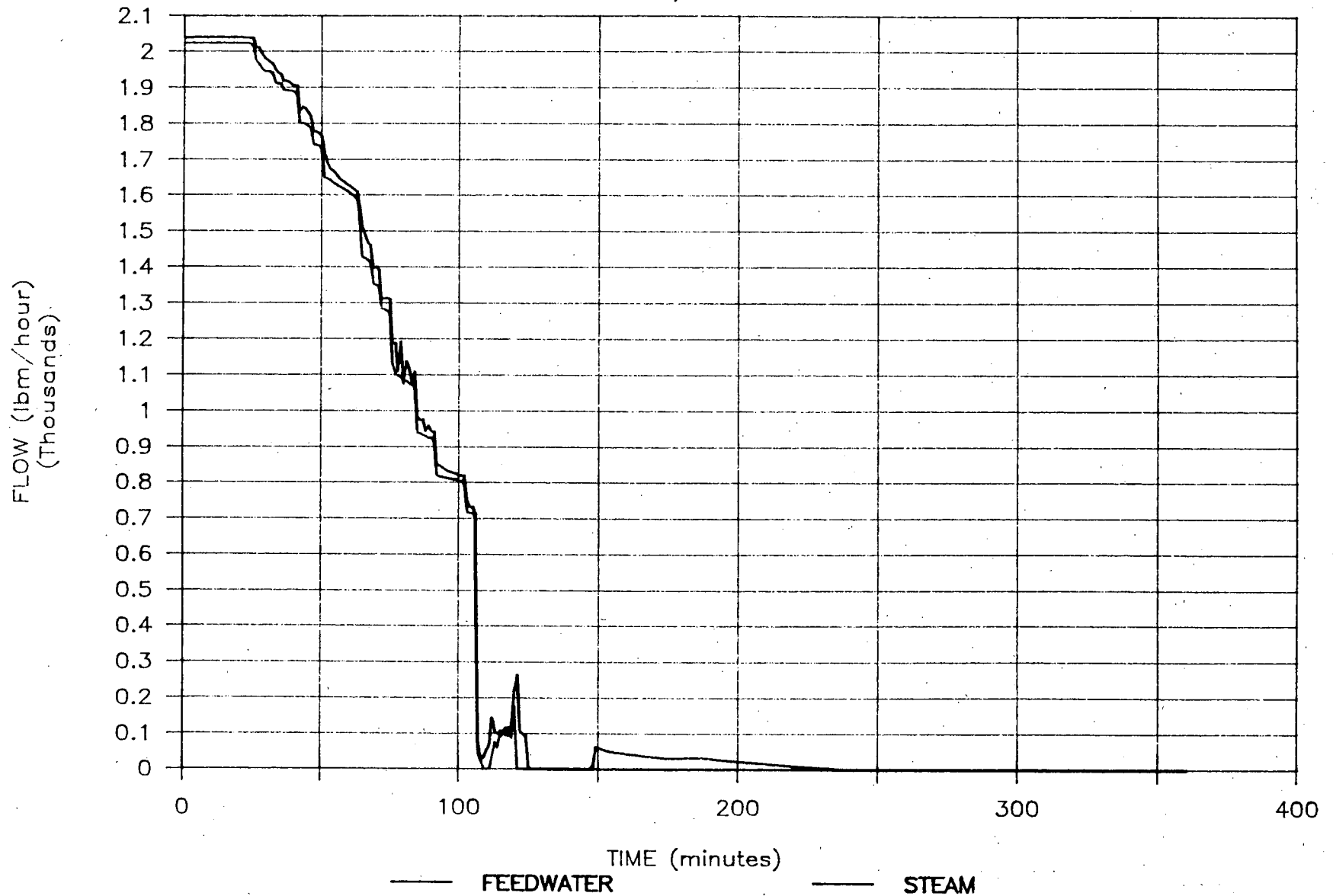
STEAM GENERATOR E-089

NARROW RANGE LEVEL, WIDE RANGE LEVEL



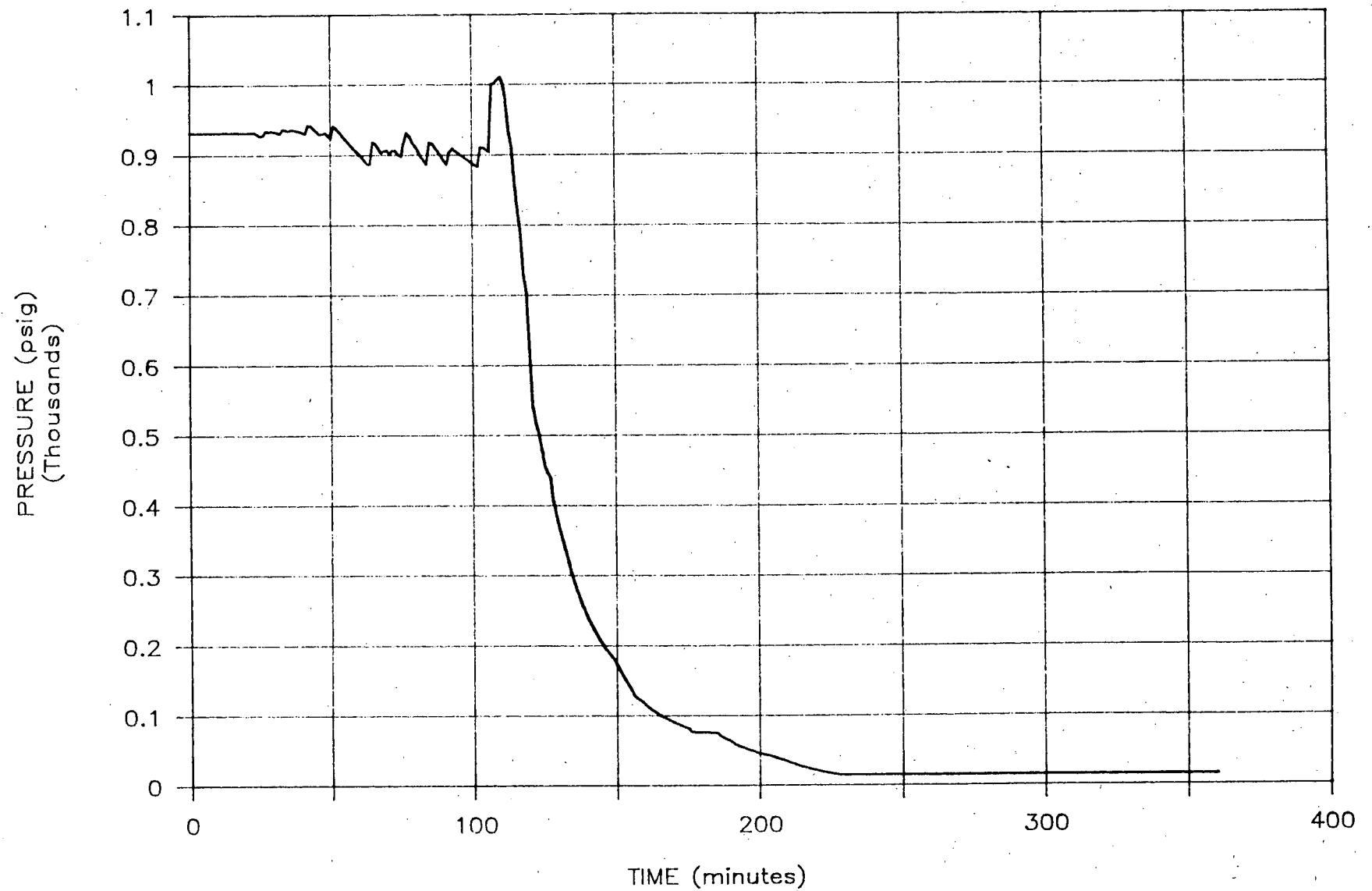
STEAM GENERATOR E-089

FEEDWATER, STEAM FLOWS



STEAM GENERATOR E-089

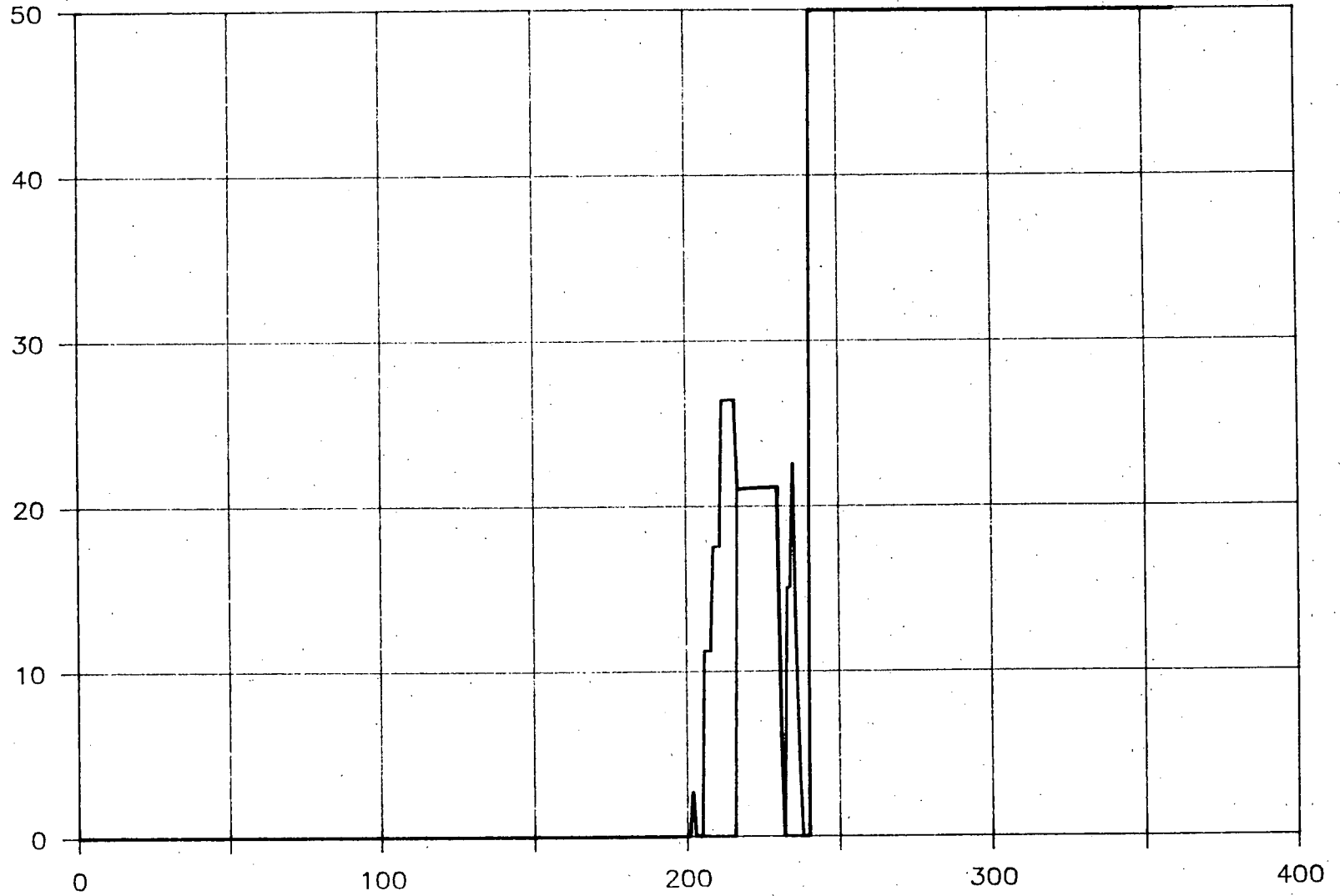
STEAM PRESSURE



HPSI

LOOP 1

HPSI FLOW (gpm)



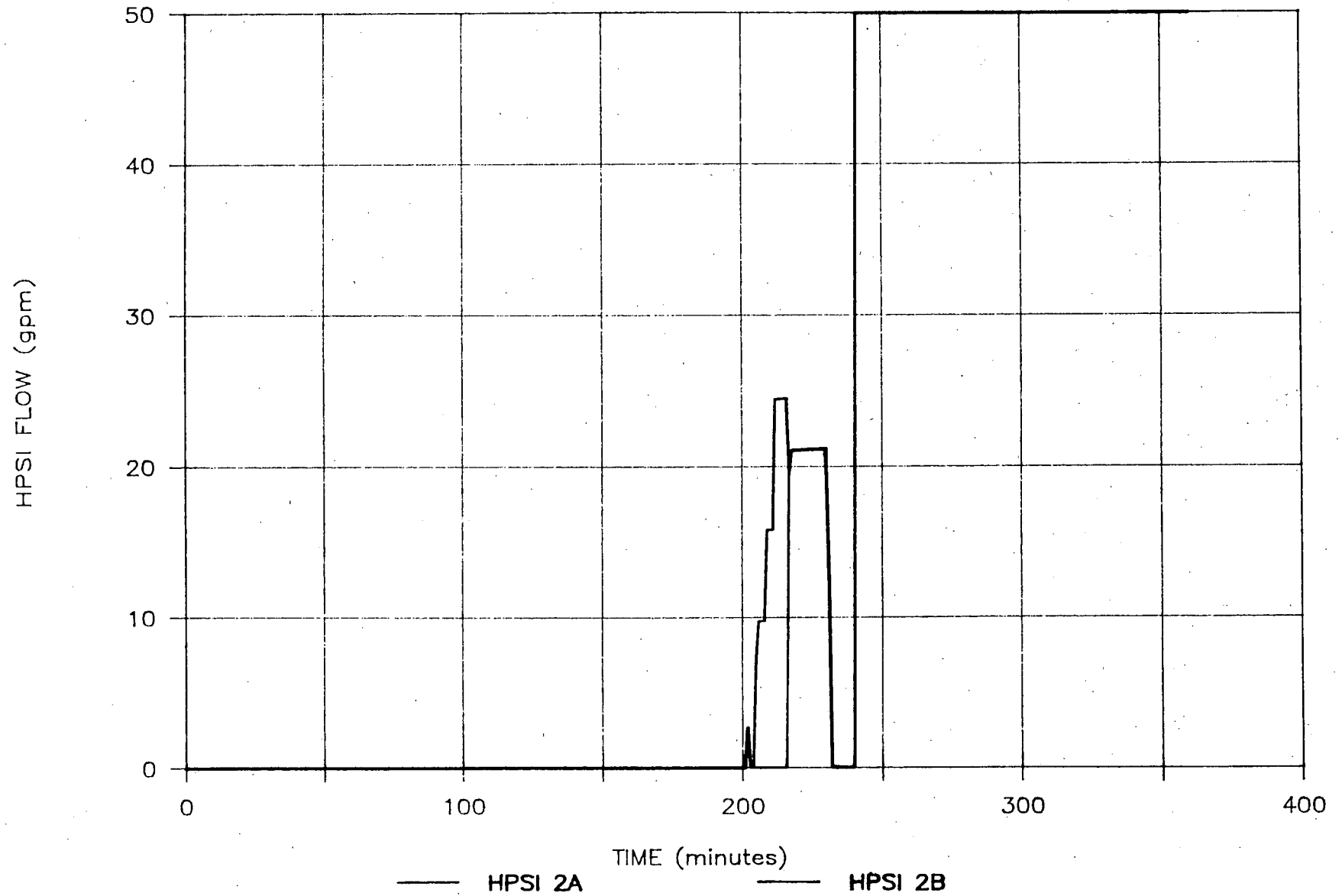
TIME (minutes)

— HPSI 1A

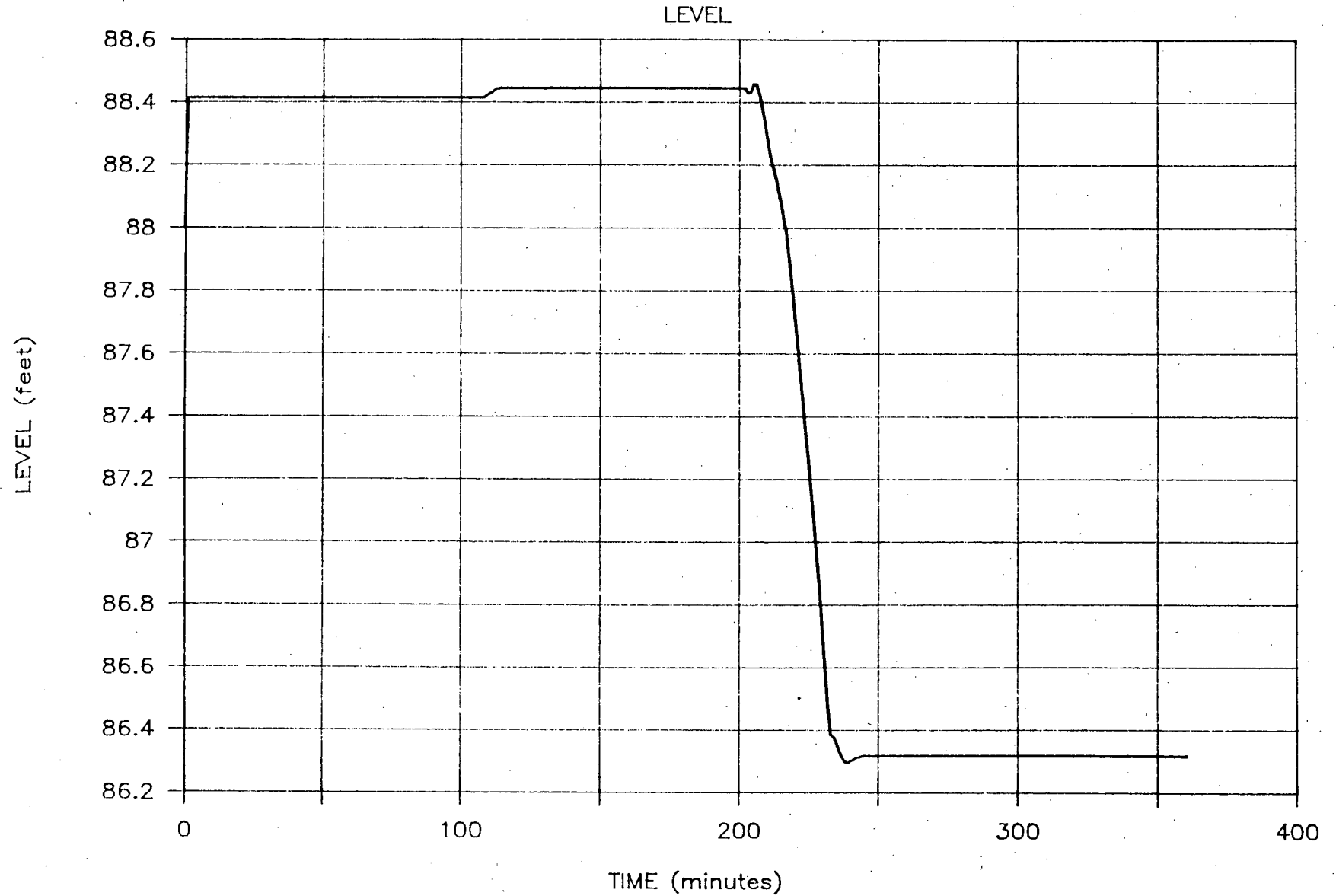
- - - HPSI 1B

HPSI

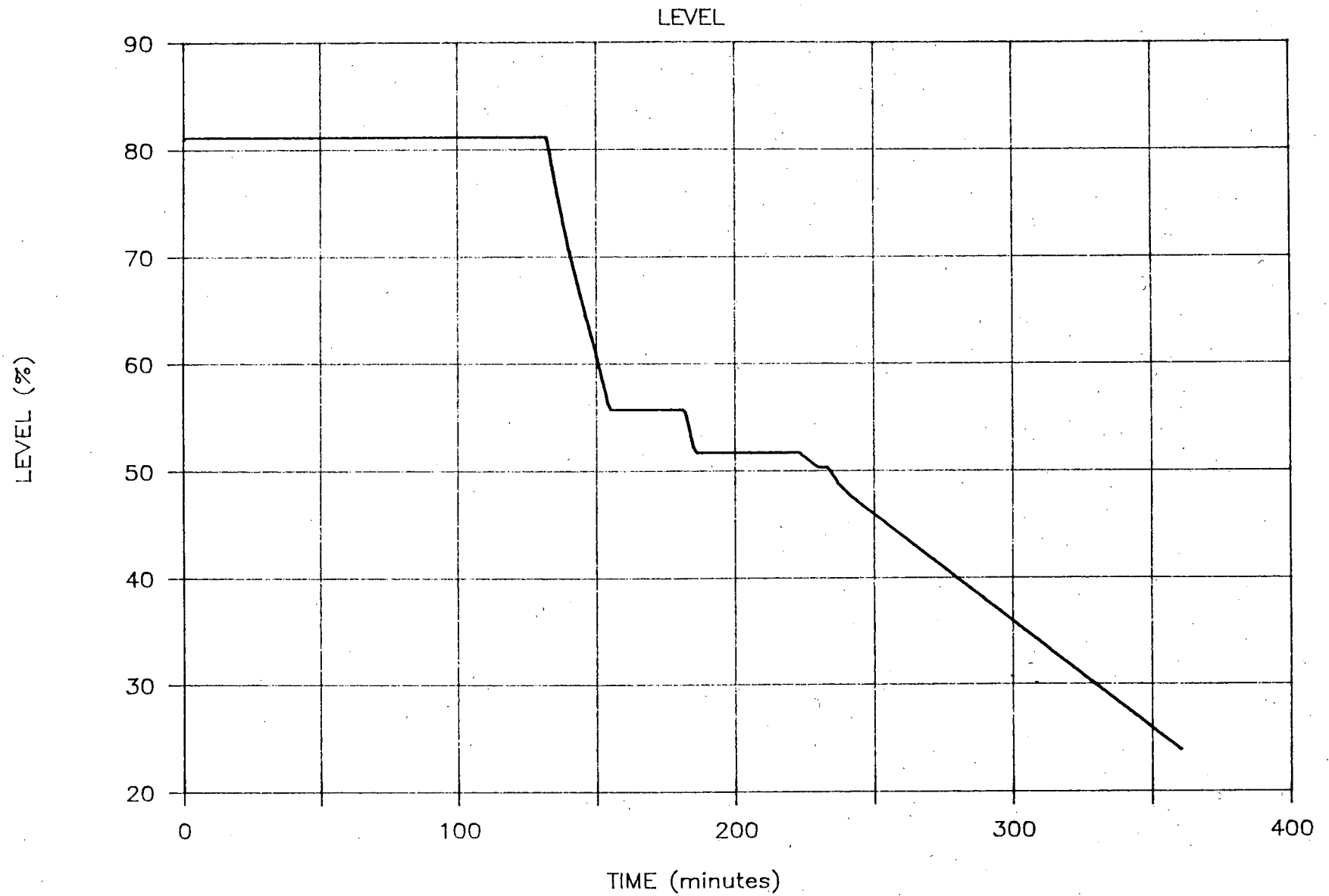
LOOP 2



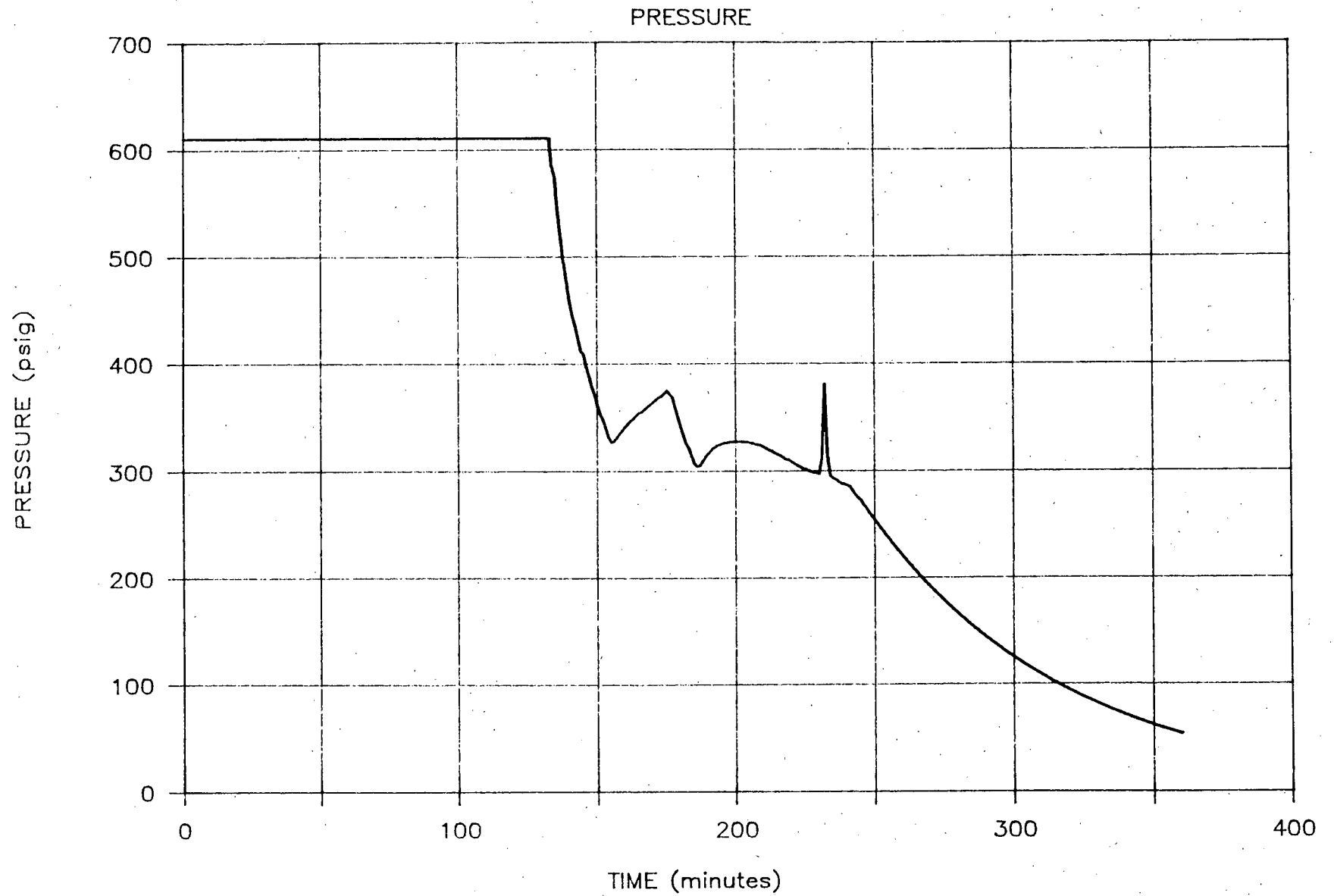
REFUELING WATER STORAGE TANK



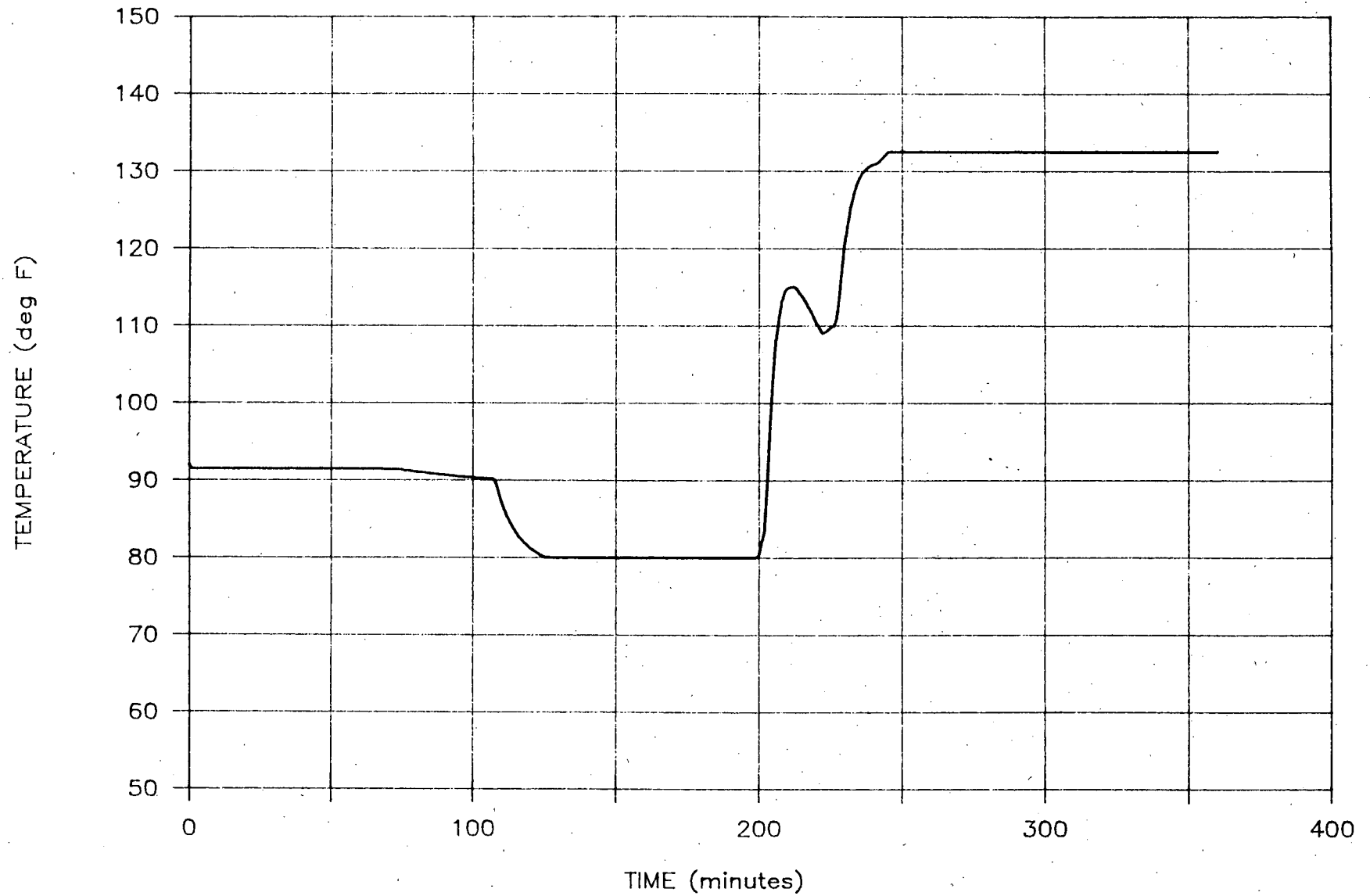
SAFETY INJECTION TANK



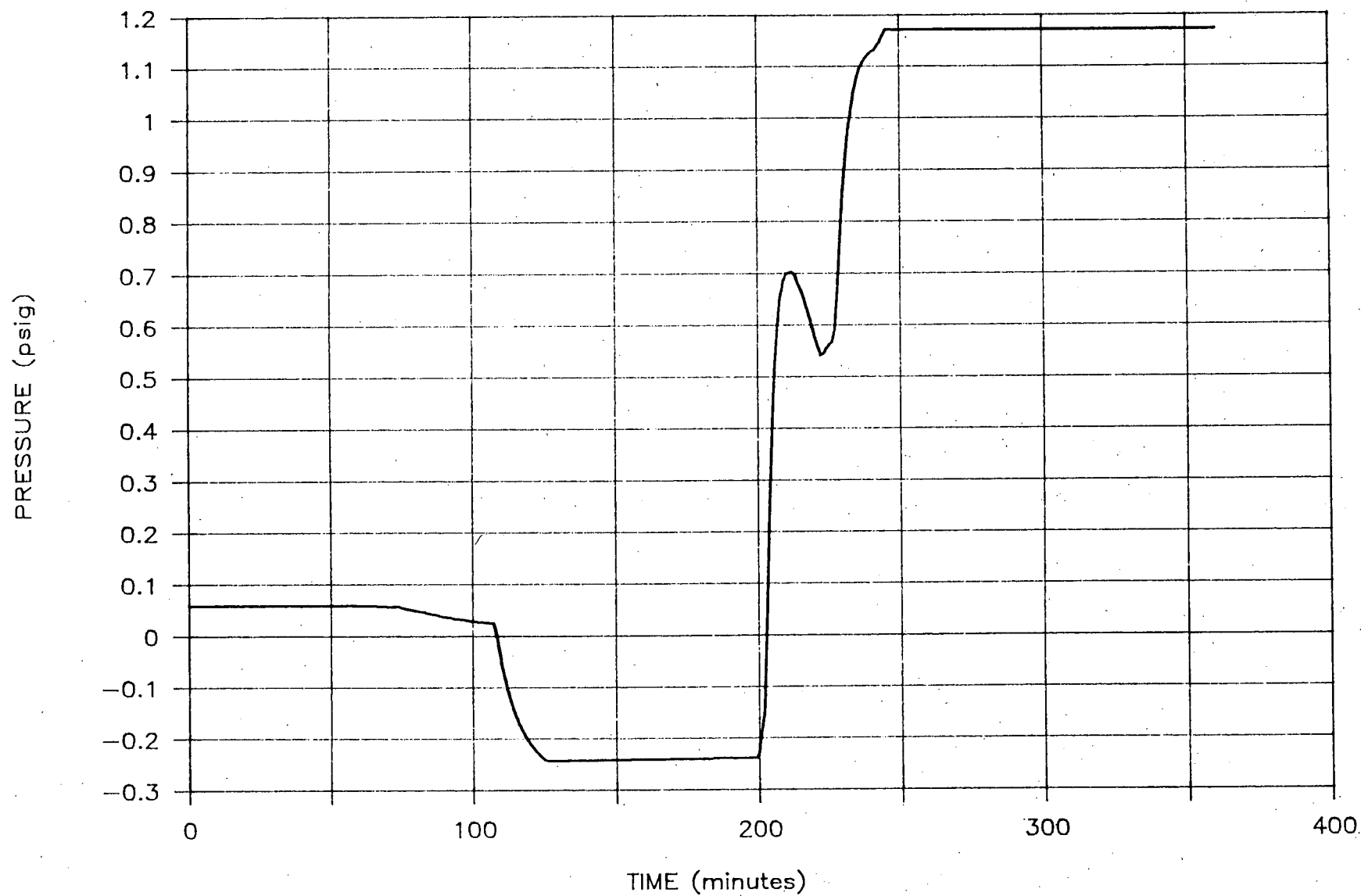
SAFETY INJECTION TANK



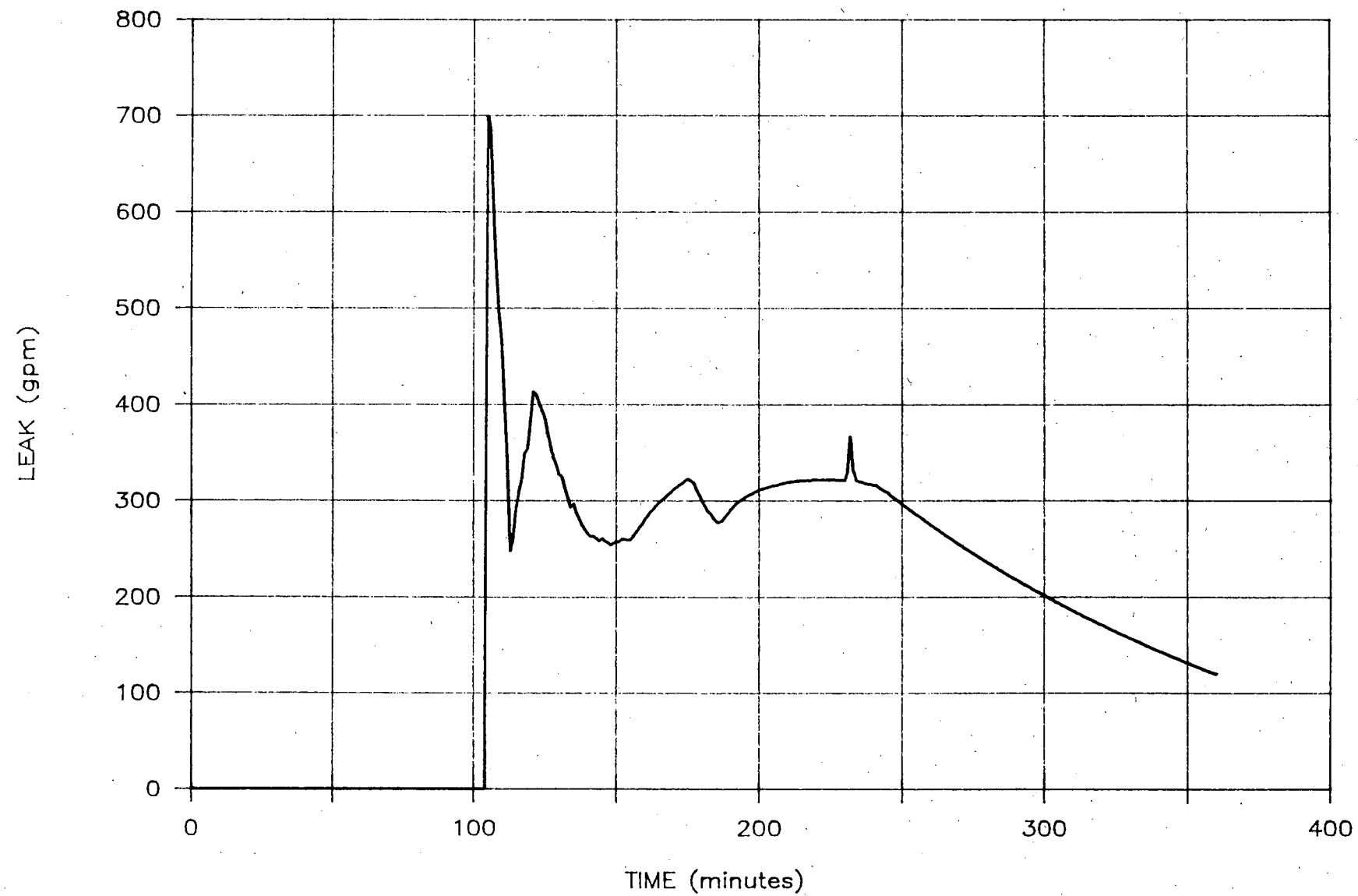
CONTAINMENT TEMPERATURE



CONTAINMENT PRESSURE



RCS LEAK



SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

HEALTH PHYSICS AND CHEMISTRY DATA

Rad Monitor Data
CFMS Rad Monitor Data
Onsite Survey Data
Offsite Survey Data
Meteorological Data
Chemistry Data

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Rad Monitor Data

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	06:00	07:00	08:00	08:05	08:10	08:15	08:20
TIME ELAPSED SINCE DRILL COMMENCED	- 120	- 60	0	5	10	15	20
UNIT 2 MONITORS							
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7804 A (cpm) Cnmnt Airborne Iodine	2.89E+05	5.78E+06	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
7804 B (cpm) Partic	5.53E+04	1.11E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	1.28E+04	2.55E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7807 A (cpm) Cnmnt Airborne Iodine	1.49E+05	2.98E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	1.49E+04	2.98E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	1.70E+04	3.40E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7818 A (cpm) Condens Air Ejector Lo	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7820-1 (R/hr) Cnmnt Radiation	0.00E+00	2.50E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7820-2 (R/hr) Cnmnt Radiation	0.00E+00	2.58E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7845 (mr/hr) Cnmnt Hatch	1.00E+00	3.33E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7848 (mr/hr) Refuel Cavity 30'	1.00E+00	2.50E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	1.00E+00	2.44E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	1.00E+00	2.36E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Ejec Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	06:00	07:00	08:00	08:05	08:10	08:15	08:20
TIME ELAPSED SINCE DRILL COMMENCED	- 120	- 60	0	5	10	15	20
7870 (uCi/sec) Conden Air Ejec	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
7874 1B (mr/hr) M/S Lo E089	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7875 1B (R/hr) M/S Hi E089	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

UNIT 2/3 COMMON MONITORS

C 6753 (cpm) S/G Blowdown E089	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	3.00E-01	3.00E-01	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	06:00	07:00	08:00	08:05	08:10	08:15	08:20
TIME ELAPSED SINCE DRILL COMMENCED	- 120	- 60	0	5	10	15	20
			ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**				
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	2.50E-01	2.50E-01	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
			ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**				
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	3.50E-01	3.50E-01	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mr/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME		08:25	08:30	08:35	08:40	08:45	08:50	08:55
TIME ELAPSED SINCE DRILL COMMENCED		25	30	35	40	45	50	55
UNIT 2 MONITORS								
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
		OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine		1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
7804 B (cpm)	Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm)	Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7807 A (cpm) Cnmnt Airborne Iodine		5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm)	Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm)	Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
2RT 7818 A (cpm) Condens Air Ejector Lo		4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01
2RT 7818 B (cpm)	Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-1 (R/hr) Cnmnt Radiation		5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-2 (R/hr) Cnmnt Radiation		5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge		1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7845 (mr/hr) Cnmnt Hatch		6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'		2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7848 (mr/hr) Refuel Cavity 30'		5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7856-1 (mr/hr) Cnmnt Purge Iso		4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
		ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7857-2 (mr/hr) Cnmnt Purge Iso		4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo		1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM		2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo		4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07
7870 M (uCi/cc) Condens Air Eject Med		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Eject Hi		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	08:25	08:30	08:35	08:40	08:45	08:50	08:55
TIME ELAPSED SINCE DRILL COMMENCED	25	30	35	40	45	50	55
7870 (uCi/sec) Condens Air Ejec	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
7874 1B (mr/hr) M/S Lo E089	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7875 1B (R/hr) M/S Hi E089	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

UNIT 2/3 COMMON MONITORS

C 6753 (cpm) S/G Blowdown E089	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

	ALARMING	**ALARMING**	**ALARMING**	**ALARMING**	**ALARMING**	**ALARMING**	**ALARMING**
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME TIME ELAPSED SINCE DRILL COMMENCED	08:25 25	08:30 30	08:35 35	08:40 40	08:45 45	08:50 50	08:55 55
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	09:00	09:05	09:10	09:15	09:20	09:25	09:30
TIME ELAPSED SINCE DRILL COMMENCED	60	65	70	75	80	85	90
UNIT 2 MONITORS							
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
2RT 7818 A (cpm) Condens Air Ejector Lo	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01	4.50E+01
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07	4.20E-07
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Eject Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	09:00	09:05	09:10	09:15	09:20	09:25	09:30
TIME ELAPSED SINCE DRILL COMMENCED	60	65	70	75	80	85	90
7870 (uCi/sec) Conden Air Ejec	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
7874 1B (mr/hr) M/S Lo E089	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01	1.30E-01
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7875 1B (R/hr) M/S Hi E089	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

UNIT 2/3 COMMON MONITORS

C 6753 (cpm) S/G Blowdown E089	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02 6.00E+02 6.00E+02 6.00E+02 6.00E+02 6.00E+02 6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	09:00	09:05	09:10	09:15	09:20	09:25	09:30
TIME ELAPSED SINCE DRILL COMMENCED	60	65	70	75	80	85	90
ALARMING							
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
ALARMING							
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	09:35	09:40	09:45	09:50	09:55	10:00	10:05
TIME ELAPSED SINCE DRILL COMMENCED	95	100	105	110	115	120	125
UNIT 2 MONITORS							
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
ZRT 7804 A (cpm) Cmmt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7807 A (cpm) Cmmt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7818 A (cpm) Condens Air Ejector Lo	4.50E+01	4.50E+01	9.08E+04	8.17E+05	2.92E+05	1.58E+05	1.50E+05
ZRT 7818 B (cpm) Hi	0.00E+00	0.00E+00	8.63E+04	7.76E+05	2.78E+05	1.50E+05	1.43E+05
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7820-1 (R/hr) Cmmt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7820-2 (R/hr) Cmmt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7828 (uCi/cc) Cmmt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7845 (mr/hr) Cmmt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7847 (mr/hr) Safety Equip Area 9	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7848 (mr/hr) Refuel Cavity 30	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7856-1 (mr/hr) Cmmt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7857-2 (mr/hr) Cmmt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
	ALARMINGALARMING**ALARMING**ALARMING**ALARMING**ALARMING**ALARMING**						
ZRT 7870 L (uCi/cc) Condens Air Eject Lo	4.20E-07	4.20E-07	3.24E-03	2.92E-02	1.04E-02	5.64E-03	5.64E-03
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	3.08E-03	2.77E-02	9.91E-03	5.36E-03	5.36E-03
7870 H (uCi/cc) Condens Air Ejec Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALARMINGALARMING**ALARMING**ALARMING**ALARMING**

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	09:35	09:40	09:45	09:50	09:55	10:00	10:05
TIME ELAPSED SINCE DRILL COMMENCED	95	100	105	110	115	120	125
7870 (uCi/sec) Conden Air Ejec	9.90E-03	9.90E-03	3.93E+06	2.62E+06	1.65E+06	2.14E+06	2.16E+06
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE*						
7874 1B (mr/hr) M/S Lo E089	1.30E-01	1.30E-01	1.42E+02	1.28E+03	4.56E+02	2.47E+02	1.27E+05
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**						
7875 1B (R/hr) M/S Hi E089	0.00E+00	0.00E+00	1.42E-01	1.28E+00	4.56E-01	2.47E-01	1.27E+02

UNIT 2/3 COMMON MONITORS

	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**						
C 6753 (cpm) S/G Blowdown E089	2.00E+02	2.00E+02	2.65E+06	4.20E+06	5.75E+06	8.49E+06	1.26E+07
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	09:35	09:40	09:45	09:50	09:55	10:00	10:05
TIME ELAPSED SINCE DRILL COMMENCED	95	100	105	110	115	120	125
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	10:10	10:15	10:20	10:25	10:30	10:35	10:40
TIME ELAPSED SINCE DRILL COMMENCED	130	135	140	145	150	155	160
UNIT 2 MONITORS	**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7818 A (cpm) Condens Air Ejector Lo	1.20E+05	9.60E+04	7.68E+04	6.14E+04	4.92E+04	3.93E+04	3.15E+04
2RT 7818 B (cpm) Hi	1.14E+05	9.12E+04	7.30E+04	5.84E+04	4.67E+04	3.74E+04	2.99E+04
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	4.51E-03	4.51E-03	4.51E-03	4.51E-03	3.61E-03	2.89E-03	2.31E-03
7870 M (uCi/cc) Condens Air Eject Med	4.29E-03	4.29E-03	4.29E-03	4.29E-03	3.43E-03	2.74E-03	2.19E-03
7870 H (uCi/cc) Condens Air Eject Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING** *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	10:10	10:15	10:20	10:25	10:30	10:35	10:40
TIME ELAPSED SINCE DRILL COMMENCED	130	135	140	145	150	155	160
7870 (uCi/sec) Conden Air Ejec	2.16E+06	1.73E+06	1.38E+06	1.11E+06	8.85E+05	7.08E+05	5.66E+05
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
7874 1B (mr/hr) M/S Lo E089	1.34E+05	1.40E+05	1.47E+05	1.55E+05	1.24E+04	1.56E+04	1.90E+04
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
7875 1B (R/hr) M/S Hi E089	1.34E+02	1.40E+02	1.47E+02	1.55E+02	1.24E+01	1.56E+01	1.90E+01

UNIT 2/3 COMMON MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
C 6753 (cpm) S/G Blowdown E089	1.77E+07	2.43E+07	3.24E+07	4.30E+07	5.68E+07	7.53E+07	1.02E+08
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	10:10	10:15	10:20	10:25	10:30	10:35	10:40
TIME ELAPSED SINCE DRILL COMMENCED	130	135	140	145	150	155	160
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	10:45	10:50	10:55	11:00	11:05	11:10	11:15
TIME ELAPSED SINCE DRILL COMMENCED	165	170	175	180	185	190	195
UNIT 2 MONITORS							
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7818 A (cpm) Condens Air Ejector Lo	2.52E+04	2.01E+04	1.61E+04	1.29E+04	1.03E+04	8.25E+03	6.60E+03
2RT 7818 B (cpm) Hi	2.39E+04	1.91E+04	1.53E+04	1.22E+04	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7870 L (uCi/cc) Condens Air Eject Lo	1.85E-03	1.48E-03	1.18E-03	9.46E-04	7.57E-04	6.06E-04	4.84E-04
7870 M (uCi/cc) Condens Air Eject Med	1.76E-03	1.40E-03	1.12E-03	8.99E-04	7.19E-04	5.75E-04	4.60E-04
7870 H (uCi/cc) Condens Air Ejec Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	10:45	10:50	10:55	11:00	11:05	11:10	11:15
TIME ELAPSED SINCE DRILL COMMENCED	165	170	175	180	185	190	195
7870 (uCi/sec) Conden Air Ejec	4.53E+05	3.62E+05	2.90E+05	2.32E+05	1.86E+05	1.48E+05	1.19E+05
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
7874 1B (mr/hr) M/S Lo E089	2.31E+04	2.69E+04	3.07E+04	2.69E+04	2.49E+04	2.85E+04	3.47E+04
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
7875 1B (R/hr) M/S Hi E089	2.31E+01	2.69E+01	3.07E+01	2.69E+01	2.49E+01	2.85E+01	3.47E+01

UNIT 2/3 COMMON MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
C 6753 (cpm) S/G Blowdown E089	1.40E+08	1.94E+08	2.73E+08	3.75E+08	5.06E+08	1.73E+09	1.73E+09
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	10:45	10:50	10:55	11:00	11:05	11:10	11:15
TIME ELAPSED SINCE DRILL COMMENCED	165	170	175	180	185	190	195
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	11:20	11:25	11:30	11:35	11:40	11:45	11:50
TIME ELAPSED SINCE DRILL COMMENCED	200	205	210	215	220	225	230
UNIT 2 MONITORS							
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7818 A (cpm) Condens Air Ejector Lo	5.28E+03	4.22E+03	3.38E+03	2.70E+03	2.16E+03	1.73E+03	1.38E+03
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	3.88E-04	3.10E-04	2.48E-04	1.98E-04	1.59E-04	1.27E-04	1.02E-04
7870 M (uCi/cc) Condens Air Eject Med	3.68E-04	2.95E-04	2.36E-04	1.89E-04	1.51E-04	1.21E-04	0.00E+00
7870 H (uCi/cc) Condens Air Ejec Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	11:20	11:25	11:30	11:35	11:40	11:45	11:50
TIME ELAPSED SINCE DRILL COMMENCED	200	205	210	215	220	225	230
7870 (uCi/sec) Conden Air Ejec	9.50E+04	7.60E+04	6.08E+04	4.86E+04	3.89E+04	3.11E+04	2.49E+04
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
7874 1B (mr/hr) M/S Lo E089	4.13E+04	4.88E+04	6.06E+04	7.79E+04	1.03E+05	1.49E+05	2.43E+05
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
7875 1B (R/hr) M/S Hi E089	4.13E+01	4.88E+01	6.06E+01	7.79E+01	1.03E+02	1.49E+02	2.43E+02

UNIT 2/3 COMMON MONITORS

	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
C 6753 (cpm) S/G Blowdown E089	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	11:20	11:25	11:30	11:35	11:40	11:45	11:50
TIME ELAPSED SINCE DRILL COMMENCED	200	205	210	215	220	225	230
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	11:55	12:00	12:05	12:10	12:15	12:20	12:25
TIME ELAPSED SINCE DRILL COMMENCED	235	240	245	250	255	260	265
UNIT 2 MONITORS							
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
2RT 7818 A (cpm) Condens Air Ejector Lo	1.11E+03	8.85E+02	7.08E+02	5.67E+02	4.53E+02	3.63E+02	2.90E+02
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	8.13E-05	6.50E-05	5.20E-05	4.16E-05	3.33E-05	2.66E-05	2.13E-05
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Eject Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	11:55	12:00	12:05	12:10	12:15	12:20	12:25
TIME ELAPSED SINCE DRILL COMMENCED	235	240	245	250	255	260	265
7870 (uCi/sec) Conden Air Ejec	1.99E+04	1.59E+04	1.28E+04	1.02E+04	8.16E+03	6.53E+03	5.22E+03
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
7874 1B (mr/hr) M/S Lo E089	5.65E+05	2.83E+05	1.41E+05	7.07E+04	3.53E+04	1.77E+04	8.83E+03
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
7875 1B (R/hr) M/S Hi E089	5.65E+02	2.83E+02	1.41E+02	7.07E+01	3.53E+01	1.77E+01	8.83E+00

UNIT 2/3 COMMON MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
C 6753 (cpm) S/G Blowdown E089	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME TIME ELAPSED SINCE DRILL COMMENCED	11:55 235	12:00 240	12:05 245	12:10 250	12:15 255	12:20 260	12:25 265
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	12:30	12:35	12:40	12:45	12:50	12:55	13:00
TIME ELAPSED SINCE DRILL COMMENCED	270	275	280	285	290	295	300
UNIT 2 MONITORS							
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
	OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*						
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
2RT 7818 A (cpm) Condens Air Ejector Lo	2.32E+02	1.86E+02	1.49E+02	1.19E+02	9.51E+01	7.61E+01	6.08E+01
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	1.70E-05	1.36E-05	1.09E-05	8.73E-06	6.98E-06	5.59E-06	4.47E-06
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Eject Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	12:30	12:35	12:40	12:45	12:50	12:55	13:00
TIME ELAPSED SINCE DRILL COMMENCED	270	275	280	285	290	295	300
7870 (uCi/sec) Condens Air Ejec	4.18E+03	3.34E+03	2.67E+03	2.14E+03	1.71E+03	1.37E+03	1.10E+03
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
7874 1B (mr/hr) M/S Lo E089	4.42E+03	2.21E+03	1.10E+03	5.52E+02	2.76E+02	1.38E+02	6.90E+01
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING**							
7875 1B (R/hr) M/S Hi E089	4.42E+00	2.21E+00	1.10E+00	5.52E-01	2.76E-01	2.76E-01	2.76E-01

UNIT 2/3 COMMON MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
C 6753 (cpm) S/G Blowdown E089	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	12:30	12:35	12:40	12:45	12:50	12:55	13:00
TIME ELAPSED SINCE DRILL COMMENCED	270	275	280	285	290	295	300
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**						
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	13:05	13:10	13:15	13:20	13:25	13:30	13:35
TIME ELAPSED SINCE DRILL COMMENCED	305	310	315	320	325	330	335
UNIT 2 MONITORS							
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7818 A (cpm) Condens Air Ejector Lo	6.02E+01	6.02E+01	6.02E+01	6.02E+01	6.02E+01	6.02E+01	6.02E+01
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2RT 7870 L (uCi/cc) Condens Air Eject Lo	3.57E-06	2.86E-06	2.29E-06	1.83E-06	1.46E-06	1.17E-06	9.37E-07
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Eject Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	13:05	13:10	13:15	13:20	13:25	13:30	13:35
TIME ELAPSED SINCE DRILL COMMENCED	305	310	315	320	325	330	335
7870 (uCi/sec) Conden Air Ejec	8.76E+02	7.01E+02	5.61E+02	4.49E+02	3.59E+02	2.87E+02	2.30E+02
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01
ALARMING*ALARMING***ALARMING***ALARMING***ALARMING***ALARMING***ALARMING**							
7874 1B (mr/hr) M/S Lo E089	3.45E+01	1.73E+01	8.63E+00	4.31E+00	2.16E+00	1.08E+00	5.39E-01
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7875 1B (R/hr) M/S Hi E089	2.76E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01

UNIT 2/3 COMMON MONITORS

ALARMING*ALARMING***ALARMING***ALARMING***ALARMING***ALARMING***ALARMING**							
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*							
C 6753 (cpm) S/G Blowdown E089	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

ALARMING*ALARMING***ALARMING***ALARMING***ALARMING***ALARMING***ALARMING**							
2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	13:05	13:10	13:15	13:20	13:25	13:30	13:35
TIME ELAPSED SINCE DRILL COMMENCED	305	310	315	320	325	330	335
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING****ALARMING****ALARMING**							
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2/3 RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	13:40	13:45	13:50	13:55	14:00
TIME ELAPSED SINCE DRILL COMMENCED	340	345	350	355	360
UNIT 2 MONITORS					
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*					
2RT 7804 A (cpm) Cnmnt Airborne Iodine	1.16E+07	1.16E+07	1.16E+07	1.16E+07	1.16E+07
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
7804 B (cpm) Partic	2.21E+06	2.21E+06	2.21E+06	2.21E+06	2.21E+06
7804 C (cpm) Gas	5.10E+05	5.10E+05	5.10E+05	5.10E+05	5.10E+05
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7807 A (cpm) Cnmnt Airborne Iodine	5.95E+06	5.95E+06	5.95E+06	5.95E+06	5.95E+06
7807 B (cpm) Partic	5.95E+05	5.95E+05	5.95E+05	5.95E+05	5.95E+05
7807 C (cpm) Gas	6.80E+05	6.80E+05	6.80E+05	6.80E+05	6.80E+05
2RT 7818 A (cpm) Condens Air Ejector Lo	6.02E+01	6.02E+01	6.02E+01	6.02E+01	6.02E+01
2RT 7818 B (cpm) Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7820-1 (R/hr) Cnmnt Radiation	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7820-2 (R/hr) Cnmnt Radiation	5.15E+00	5.15E+00	5.15E+00	5.15E+00	5.15E+00
2RT 7828 (uCi/cc) Cnmnt Purge	1.80E-06	1.80E-06	1.80E-06	1.80E-06	1.80E-06
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7845 (mr/hr) Cnmnt Hatch	6.66E+03	6.66E+03	6.66E+03	6.66E+03	6.66E+03
2RT 7847 (mr/hr) Safety Equip Area 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7848 (mr/hr) Refuel Cavity 30'	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7856-1 (mr/hr) Cnmnt Purge Iso	4.88E+03	4.88E+03	4.88E+03	4.88E+03	4.88E+03
ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**					
2RT 7857-2 (mr/hr) Cnmnt Purge Iso	4.72E+03	4.72E+03	4.72E+03	4.72E+03	4.72E+03
2RT 7865 L (uCi/cc) WRGM Lo	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05
7865 M (uCi/cc) WRGM Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 H (uCi/cc) WRGM Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7865 (uCi/sec) WRGM	2.80E+01	2.80E+01	2.80E+01	2.80E+01	2.80E+01
2RT 7870 L (uCi/cc) Condens Air Eject Lo	7.50E-07	6.00E-07	4.80E-07	3.84E-07	3.07E-07
7870 M (uCi/cc) Condens Air Eject Med	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7870 H (uCi/cc) Condens Air Eject Hi	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	13:40	13:45	13:50	13:55	14:00
TIME ELAPSED SINCE DRILL COMMENCED	340	345	350	355	360
7870 (uCi/sec) Conden Air Ejec	1.84E+02	1.47E+02	1.18E+02	9.41E+01	7.53E+01
2RT 7874 1A (mr/hr) M/S Lo E088	1.20E-01	1.20E-01	1.20E-01	1.20E-01	1.20E-01

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**

7874 1B (mr/hr) M/S Lo E089	5.37E-01	5.34E-01	5.31E-01	5.29E-01	5.26E-01
2RT 7875 1A (R/hr) M/S Hi E088	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7875 1B (R/hr) M/S Hi E089	2.76E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01

UNIT 2/3 COMMON MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**

OFF SCALE *OFF SCALE* *OFF SCALE* *OFF SCALE* *OFF SCALE*

C 6753 (cpm) S/G Blowdown E089	1.73E+09	1.73E+09	1.73E+09	1.73E+09	1.73E+09
C 6759 (cpm) S/G Blowdown E088	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7808 A (cpm) Plant Stack Iodine	2.20E+03	2.20E+03	2.20E+03	2.20E+03	2.20E+03
7808 B (cpm) Partic	1.10E+03	1.10E+03	1.10E+03	1.10E+03	1.10E+03
7808 C (cpm) Gas	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
C 7809 A (cpm) RW Disp Part/Iodine	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03
7809 B (cpm) Gas	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
C 7812 (cpm) RW Condensate Return	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C 7813 (cpm) RW Liquid	2.00E+04	2.00E+04	2.00E+04	2.00E+04	2.00E+04
C 7814 B (cpm) Waste Gas Header Hi	2.00E+05	2.00E+05	2.00E+05	2.00E+05	2.00E+05
C 7817 (cpm) Neutralization Sump	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
C 7819 (cpm) Comp Cooling Water	6.69E+02	6.69E+02	6.69E+02	6.69E+02	6.69E+02
C 7824 A (cpm) CR Airborne Part/Iodine	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
7824 B (cpm) Gas	1.20E+02	1.20E+02	1.20E+02	1.20E+02	1.20E+02
C 7825 A (cpm) CR Airborne Part/Iodine	2.00E+02	2.00E+02	2.00E+02	2.00E+02	2.00E+02
7825 B (cpm) Gas	1.30E+02	1.30E+02	1.30E+02	1.30E+02	1.30E+02

AREA RADIATION MONITORS

ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**

2/3 RT 7838 (mR/hr) PASS Iso/Sample Lab	6.00E+02	6.00E+02	6.00E+02	6.00E+02	6.00E+02
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1988 UNIT 2 EMERGENCY PLAN EXERCISE RAD MONITOR DATA

REAL TIME	13:40	13:45	13:50	13:55	14:00
TIME ELAPSED SINCE DRILL COMMENCED	340	345	350	355	360
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**				
2/3 RT 7839 (R/hr) PASS Iso/Sample Lab	5.96E+02	5.96E+02	5.96E+02	5.96E+02	5.96E+02
2/3 RT 7841 (mR/hr) W. G. Surge Tank 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7842 (mR/hr) RW Sump 9'	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01
2/3 RT 7843 (mR/hr) Lo Act Cart Area 37'	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
2/3 RT 7844 (mR/hr) Hi RW Storage 37'	1.20E+00	1.20E+00	1.20E+00	1.20E+00	1.20E+00
2/3 RT 7851 (mR/hr) CR 30'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2/3 RT 7852 (mR/hr) Radio Chem Lab 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7853 (mR/hr) Hot Machine Shop 63'	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01
2/3 RT 7854 (mR/hr) Local Sample Lab 24'	3.00E-01	3.00E-01	3.00E-01	3.00E-01	3.00E-01
	ALARMING**ALARMING****ALARMING****ALARMING****ALARMING**				
2/3 RT 7883 (mR/hr) PASS Sample Room 24'	2.50E+02	2.50E+02	2.50E+02	2.50E+02	2.50E+02
2RT 7847 (mR/hr) Safety Equip 9'	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
2RT 7850 (mR/hr) Spent Fuel Cask Area 63'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01
2/3 RT 7899 (mR/hr) RW Access 70'	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

CFMS Rad Monitor Data

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:00
MINUTES elapsed 0

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock

08:05

MINUTES elapsed

5

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01

HI CNMT (7804C) 5.10E+05

HI CNMT DOME (7857) 4.72E+03

HI VENT/STACK RAD (7808C) 1.50E+02

PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02

CNMT AIRBORNE RAD (7804C) cpm 5.10E+05

ALARMING

DOME RAD LVL (7857) mR/hr 4.72E+03

RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05

ALARMING

DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02

CNMT AIRBORNE RAD (7804C) cpm 5.10E+05

ALARMING

DOME RAD (7857) mR/hr 4.72E+03

RADWASTE DISCH RAD (7813) cpm 2.00E+04

COND AIR EJECT RAD (7818A) cpm 4.50E+01

NEUT SUMP RAD (7817) cpm 2.00E+02

TURB SUMP RAD (7821) cpm 0.00E+00

PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING

CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00

ALARMING

CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00

COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07

---MED

0.00E+00

-LO

0.00E+00

EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05

---MED (7865B) uCi/cc

0.00E+00

---LO (7865C) uCi/cc

0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:10
MINUTES elapsed 10

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJEC RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:15
MINUTES elapsed 15

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJEC RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	08:20
MINUTES elapsed	20

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:25
MINUTES elapsed 25

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJEC RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:30
MINUTES elapsed 30

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock
MINUTES elapsed

08:35
35

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	08:40
MINUTES elapsed	40

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:45
MINUTES elapsed 45

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:50
MINUTES elapsed 50

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 08:55
MINUTES elapsed 55

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJEC RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:00
MINUTES elapsed 60

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:05
MINUTES elapsed 65

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock
MINUTES elapsed

09:10
70

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock
MINUTES elapsed

09:15
75

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:20
MINUTES elapsed 80

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:25
MINUTES elapsed 85

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
ALARMING
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	09:30
MINUTES elapsed	90

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:35
MINUTES elapsed 95

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 4.50E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 4.50E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 4.20E-07
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	09:40
MINUTES elapsed	100

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.50E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	4.50E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	4.20E-07
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock
MINUTES elapsed

09:45
105

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)

ALARMING
9.08E+04

HI CNMT (7804C)

5.10E+05

HI CNMT DOME (7857)

4.72E+03

HI VENT/STACK RAD (7808C)

1.50E+02

PURGE STACK RAD (7828)

1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm

1.50E+02

CNMT AIRBORNE RAD (7804C) cpm

5.10E+05

DOME RAD LVL (7857) mR/hr

ALARMING
4.72E+03

RADWASTE DISCH RAD (7813) cpm

2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm

5.10E+05

DOME RAD LVL (7857) mR/hr

ALARMING
4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm

1.50E+02

CNMT AIRBORNE RAD (7804C) cpm

5.10E+05

DOME RAD (7857) mR/hr

ALARMING
4.72E+03

RADWASTE DISCH RAD (7813) cpm

2.00E+04

COND AIR EJECT RAD (7818A) cpm

ALARMING
9.08E+04

NEUT SUMP RAD (7817) cpm

2.00E+02

TURB SUMP RAD (7821) cpm

0.00E+00

PURGE STACK- NOBLE GAS (7828) uCi/cc

1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr

ALARMING
5.00E+00

CNMT RAD CHANNEL B (7820-2) R/hr

ALARMING
5.15E+00

COND AIR EJEC RAD-HI (7870) uCi/cc

ALARMING

-MED

3.08E-03

-LO

0.00E+00

EFFLUENT RAD-HI (7865A) uCi/cc

1.70E-05

-MED(7865B) uCi/cc

0.00E+00

-LO (7865C) uCi/cc

0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:50
MINUTES elapsed 110

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING** 8.17E+05
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
ALARMING
COND AIR EJECT RAD (7818A) cpm 8.17E+05
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 2.77E-02
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 09:55
MINUTES elapsed 115

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	**ALARMING** 2.92E+05
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	**ALARMING** 2.92E+05
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	**ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr	**ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	9.91E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:00
MINUTES elapsed 120

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING** 1.58E+05
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD (7857) mR/hr **ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm **ALARMING** 1.58E+05
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 5.36E-03
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:05
MINUTES elapsed 125

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING** 1.50E+05
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD (7857) mR/hr **ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm **ALARMING** 1.50E+05
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 5.36E-03
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:10
MINUTES elapsed 130

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING**
1.20E+05
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING**
RADWASTE DISCH RAD (7813) cpm 4.72E+03
2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING**
4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD (7857) mR/hr **ALARMING**
RADWASTE DISCH RAD (7813) cpm 4.72E+03
2.00E+04
COND AIR EJECT RAD (7818A) cpm **ALARMING**
1.20E+05
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING**
5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING**
5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 4.29E-03
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	10:15
MINUTES elapsed	135

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	**ALARMING**
	9.60E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
	ALARMING
COND AIR EJECT RAD (7818A) cpm	9.60E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	**ALARMING**
	5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr	**ALARMING**
	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	4.29E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED (7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	10:20
MINUTES elapsed	140

PAGE 101 RADIATION EMISSIONS ALARM PAGE

	ALARMING
HI COND AIR EJEC (7818A)	7.68E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
	ALARMING
COND AIR EJECT RAD (7818A) cpm	7.68E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	4.29E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	10:25
MINUTES elapsed	145

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	**ALARMING** 6.14E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	**ALARMING** 6.14E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	**ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr	**ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	4.29E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:30
MINUTES elapsed 150

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING** 4.92E+04
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr **ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD (7857) mR/hr **ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm **ALARMING** 4.92E+04
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 3.43E-03
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:35
MINUTES elapsed 155

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 3.93E+04
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJEC RAD (7818A) cpm 3.93E+04
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc 2.74E-03
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	10:40
MINUTES elapsed	160

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	**ALARMING** 3.15E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	**ALARMING** 3.15E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	**ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr	**ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	2.19E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:45
MINUTES elapsed 165

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	**ALARMING** 2.52E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD LVL (7857) mR/hr	**ALARMING** 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
DOME RAD (7857) mR/hr	**ALARMING** 4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	**ALARMING** 2.52E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	**ALARMING** 5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr	**ALARMING** 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	1.76E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED (7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	10:50
MINUTES elapsed	170

PAGE 101 RADIATION EMISSIONS ALARM PAGE

	ALARMING
HI COND AIR EJEC (7818A)	2.01E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
	ALARMING
COND AIR EJECT RAD (7818A) cpm	2.01E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	1.40E-03
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED (7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 10:55
MINUTES elapsed 175

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING**
1.61E+04
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
ALARMING
COND AIR EJECT RAD (7818A) cpm 1.61E+04
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING**
5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING**
5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 1.12E-03
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 11:00
MINUTES elapsed 180

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) **ALARMING**
1.29E+04
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
ALARMING
COND AIR EJECT RAD (7818A) cpm 1.29E+04
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING**
5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING**
5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc **ALARMING**
-MED 8.99E-04
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:05
MINUTES elapsed	185

PAGE 101 RADIATION EMISSIONS ALARM PAGE

	ALARMING
HI COND AIR EJEC (7818A)	1.03E+04
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
	ALARMING
COND AIR EJECT RAD (7818A) cpm	1.03E+04
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	**ALARMING**
-MED	7.19E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:10
MINUTES elapsed	190

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	8.25E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	8.25E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	5.75E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:15
MINUTES elapsed	195

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.60E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.60E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	4.60E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:20
MINUTES elapsed	200

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	5.28E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	5.28E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	3.68E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:25
MINUTES elapsed	205

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.22E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.22E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	2.95E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:30
MINUTES elapsed	210

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	3.38E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	3.38E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	2.36E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:35
MINUTES elapsed	215

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	2.70E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	2.70E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	1.89E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:40
MINUTES elapsed	220

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	2.16E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	2.16E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	1.51E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:45
MINUTES elapsed	225

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	1.73E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	1.73E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	1.21E-04
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:50
MINUTES elapsed	230

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	1.38E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	1.38E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	11:55
MINUTES elapsed	235

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	1.11E+03
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	1.11E+03
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:00
MINUTES elapsed	240

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	8.85E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	8.85E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:05
MINUTES elapsed	245

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	7.08E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	7.08E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 12:10
MINUTES elapsed 250

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 5.67E+02
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 5.67E+02
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:15
MINUTES elapsed	255

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	4.53E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	4.53E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:20
MINUTES elapsed	260

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	3.63E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJEC RAD (7818A) cpm	3.63E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:25
MINUTES elapsed	265

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	2.90E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	2.90E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:30
MINUTES elapsed	270

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	2.32E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	2.32E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:35
MINUTES elapsed	275

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	1.86E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJEC RAD (7818A) cpm	1.86E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:40
MINUTES elapsed	280

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	1.49E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	1.49E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:45
MINUTES elapsed	285

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	1.19E+02
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	1.19E+02
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	12:50
MINUTES elapsed	290
PAGE 101 RADIATION EMISSIONS ALARM PAGE	
HI COND AIR EJEC (7818A)	9.51E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06
PAGE 245 CNMT & AUX FUEL HAND BLDG	
VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
PAGE 341 CONTAINMENT	
AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
PAGE 352 RADWASTE/RELEASE	
VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	9.51E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06
PAGE 503 CONTAINMENT	
	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 12:55
MINUTES elapsed 295

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 7.61E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

COND AIR EJECT RAD (7818A) cpm 7.61E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr **ALARMING**
5.00E+00
CNMT RAD CHANNEL B (7820-2) R/hr **ALARMING**
5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:00
MINUTES elapsed	300

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.08E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	6.08E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:05
MINUTES elapsed	305

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:10
MINUTES elapsed	310

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:15
MINUTES elapsed	315

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:20
MINUTES elapsed	320

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 13:25
MINUTES elapsed 325

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 6.02E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJECT RAD (7818A) cpm 6.02E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock 13:30
MINUTES elapsed 330

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A) 6.02E+01
HI CNMT (7804C) 5.10E+05
HI CNMT DOME (7857) 4.72E+03
HI VENT/STACK RAD (7808C) 1.50E+02
PURGE STACK RAD (7828) 1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD LVL (7857) mR/hr 4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm 1.50E+02
CNMT AIRBORNE RAD (7804C) cpm 5.10E+05
ALARMING
DOME RAD (7857) mR/hr 4.72E+03
RADWASTE DISCH RAD (7813) cpm 2.00E+04
COND AIR EJEC RAD (7818A) cpm 6.02E+01
NEUT SUMP RAD (7817) cpm 2.00E+02
TURB SUMP RAD (7821) cpm 0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc 1.80E-06

PAGE 503 CONTAINMENT

CNMT RAD CHANNEL A (7820-1) R/hr 5.00E+00
ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr 5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc
-MED 0.00E+00
-LO 0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc 1.70E-05
-MED(7865B) uCi/cc 0.00E+00
-LO (7865C) uCi/cc 0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:35
MINUTES elapsed	335

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:40
MINUTES elapsed	340

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:45
MINUTES elapsed	345

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:50
MINUTES elapsed	350

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	13:55
MINUTES elapsed	355

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

1988 EMERGENCY PLAN EXERCISE CFMS RAD DATA

TIME clock	14:00
MINUTES elapsed	360

PAGE 101 RADIATION EMISSIONS ALARM PAGE

HI COND AIR EJEC (7818A)	6.02E+01
HI CNMT (7804C)	5.10E+05
HI CNMT DOME (7857)	4.72E+03
HI VENT/STACK RAD (7808C)	1.50E+02
PURGE STACK RAD (7828)	1.80E-06

PAGE 245 CNMT & AUX FUEL HAND BLDG

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04

PAGE 341 CONTAINMENT

AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD LVL (7857) mR/hr	4.72E+03

PAGE 352 RADWASTE/RELEASE

VENT STACK RAD (7808C) cpm	1.50E+02
CNMT AIRBORNE RAD (7804C) cpm	5.10E+05
	ALARMING
DOME RAD (7857) mR/hr	4.72E+03
RADWASTE DISCH RAD (7813) cpm	2.00E+04
COND AIR EJECT RAD (7818A) cpm	6.02E+01
NEUT SUMP RAD (7817) cpm	2.00E+02
TURB SUMP RAD (7821) cpm	0.00E+00
PURGE STACK- NOBLE GAS (7828) uCi/cc	1.80E-06

PAGE 503 CONTAINMENT

	ALARMING
CNMT RAD CHANNEL A (7820-1) R/hr	5.00E+00
	ALARMING
CNMT RAD CHANNEL B (7820-2) R/hr	5.15E+00
COND AIR EJEC RAD-HI (7870) uCi/cc	
-MED	0.00E+00
-LO	0.00E+00
EFFLUENT RAD-HI (7865A) uCi/cc	1.70E-05
-MED(7865B) uCi/cc	0.00E+00
-LO (7865C) uCi/cc	0.00E+00

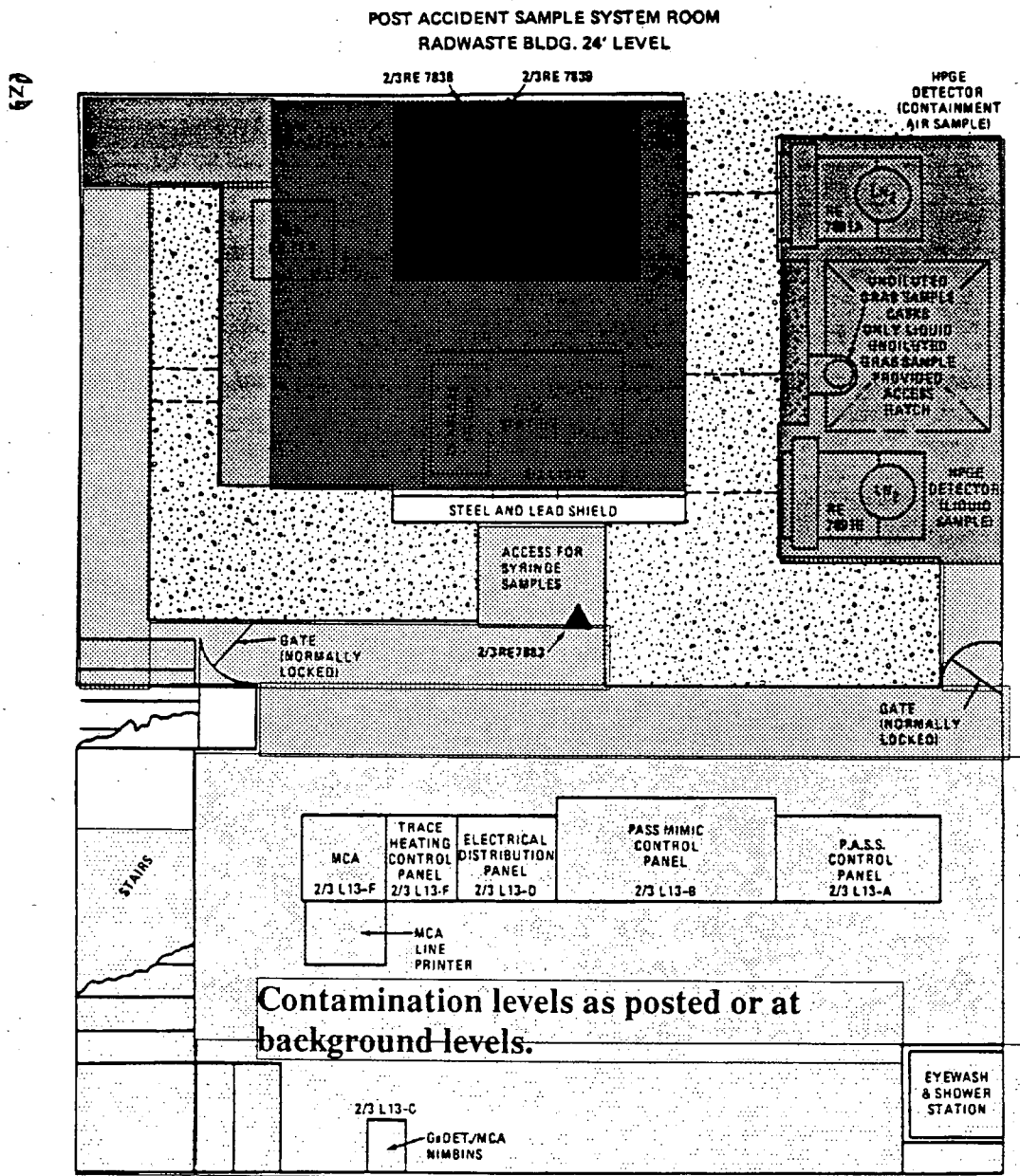
SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

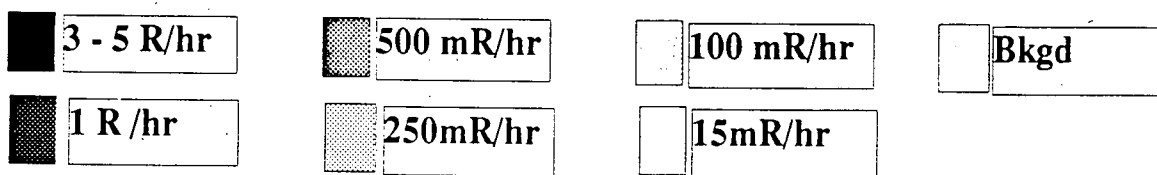
Onsite Survey Data

1988 UNIT 2 EMERGENCY PLAN EXERCISE RADIATION AND CONTAMINATION SURVEY DATA

(PRE-PASS SAMPLING DATA)

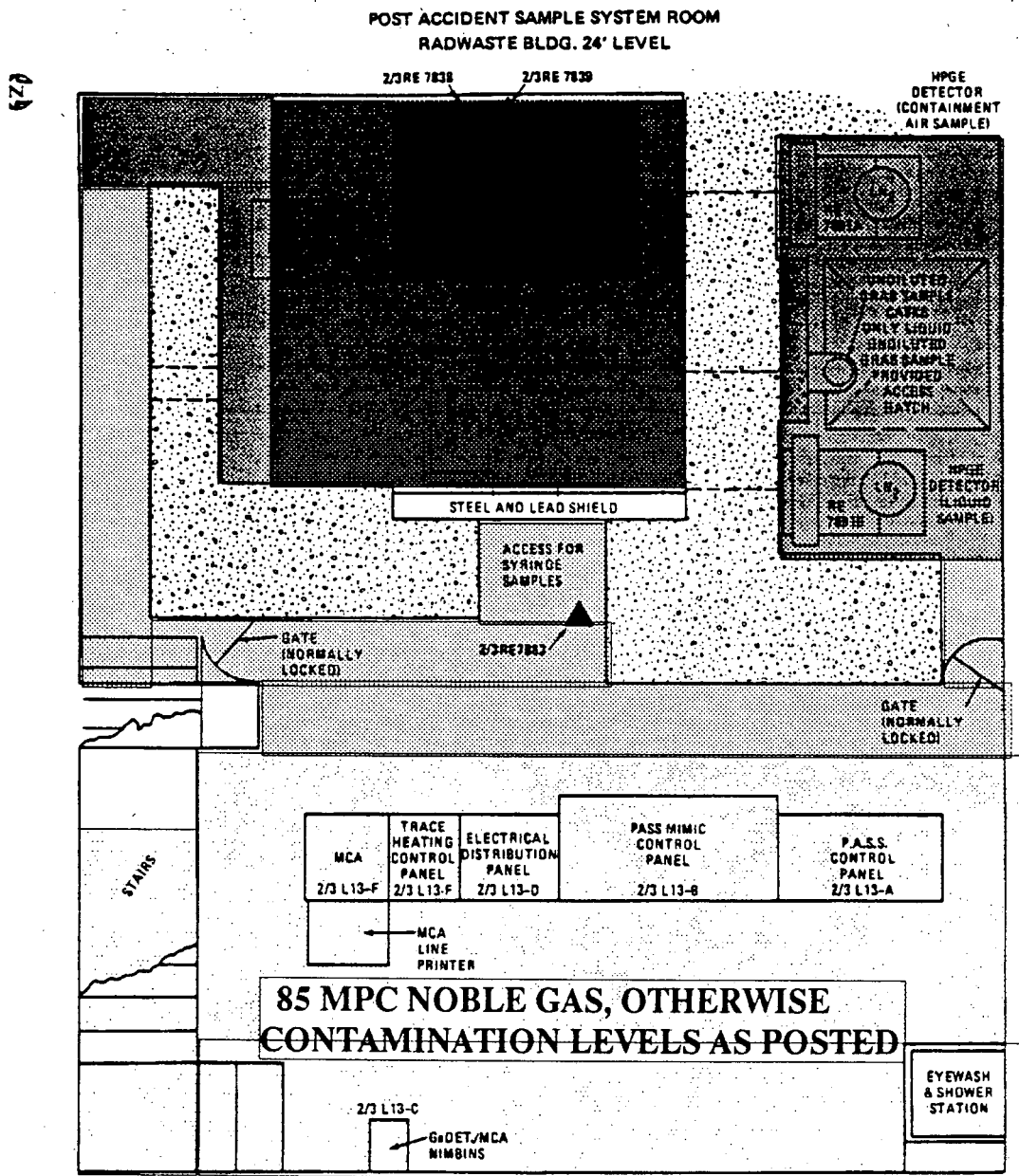


BASIS FSAR FIG. 12.3-60

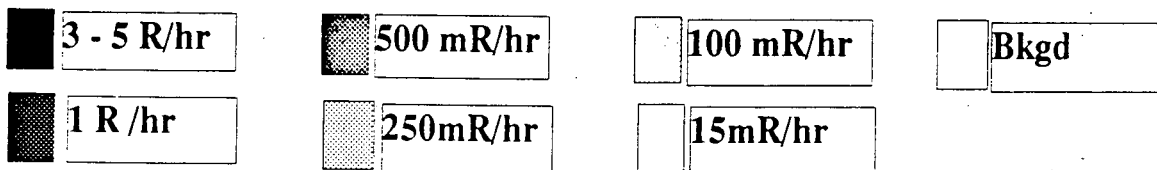


1988 UNIT 2 EMERGENCY PLAN EXERCISE RADIATION AND CONTAMINATION SURVEY DATA

(POST-PASS SAMPLING DATA)

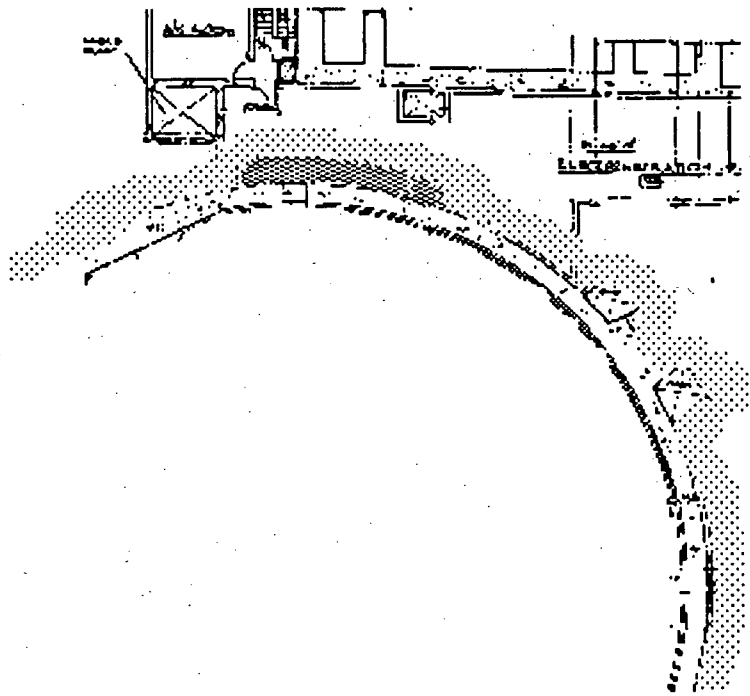


BASIS FSAR FIG. 12.3-60



1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

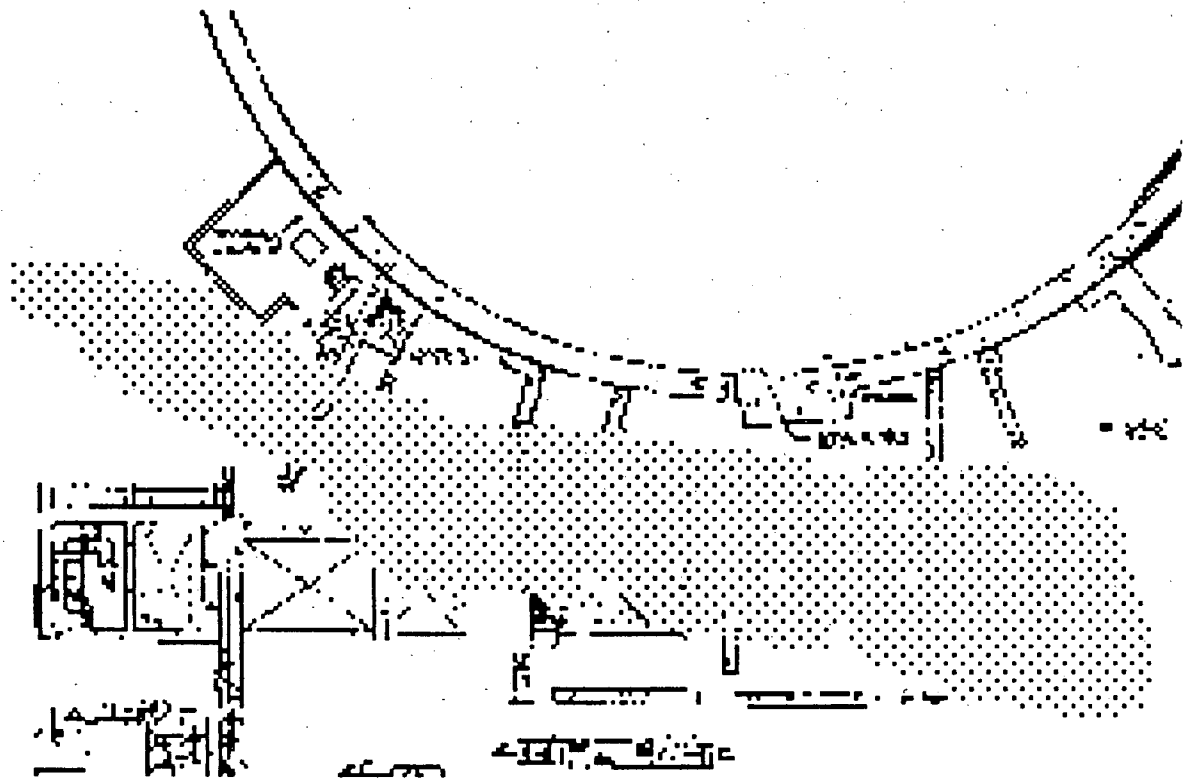
08:00 - 14:00 70' LEVEL UNIT 2 PENETRATION BLDG.



	10 mR/hr W.B.
	5 mR/hr W.B.
	Bkgd

No contamination levels
above Background.
Radiation levels below 70'
level are 5 mR/hr contact
on Unit 2 Containment,
unless otherwise posted.

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP
09:40 - 10:30 37' TURBINE DECK AND GROUND LEVEL



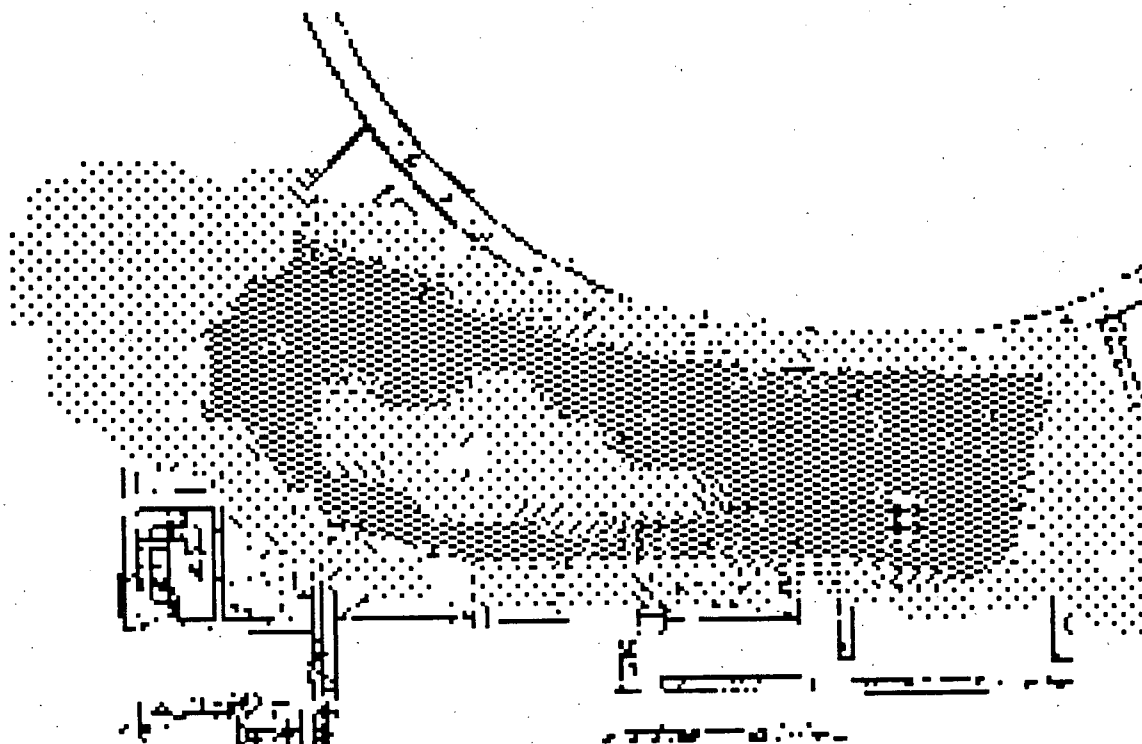
 5 mR/hr W.B.

 Bkgd

Contamination levels at
Background or, as posted

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

09:40 - 10:30 50' TURBINE DECK LEVEL



20 mR/hr W.B.

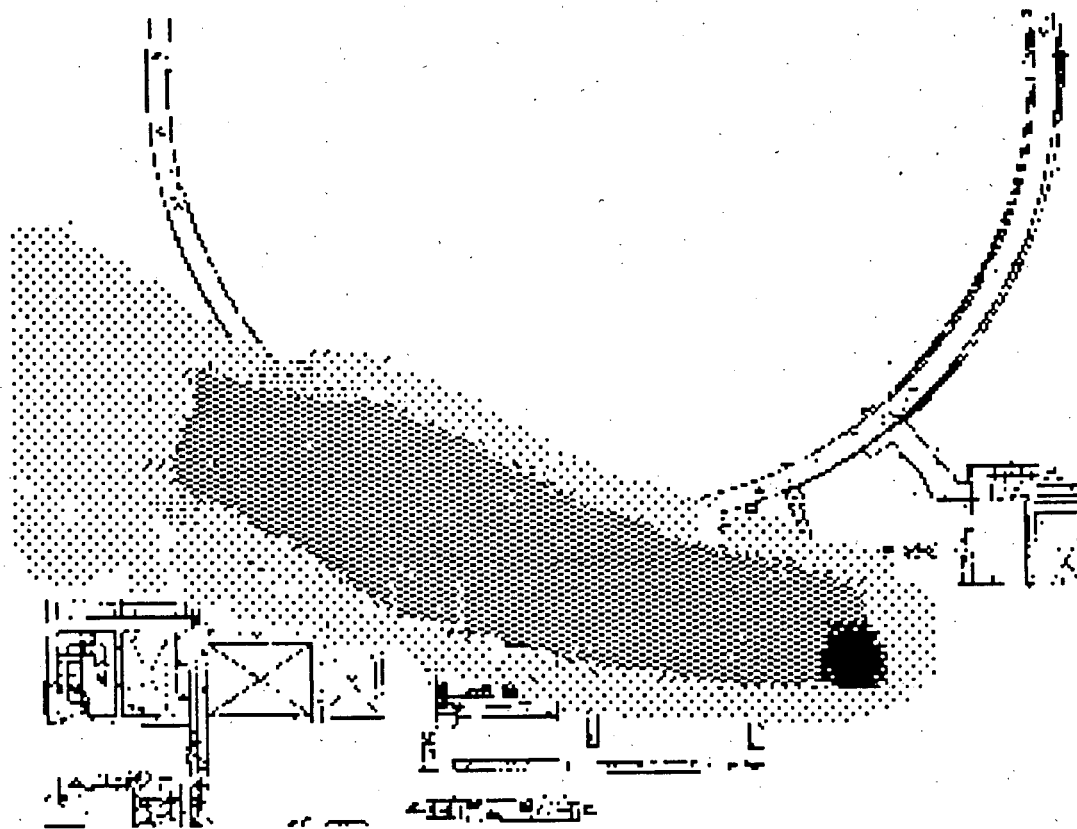
Bkgd

5 mR/hr W.B.

Contamination levels at
Background or, as posted

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY DATA

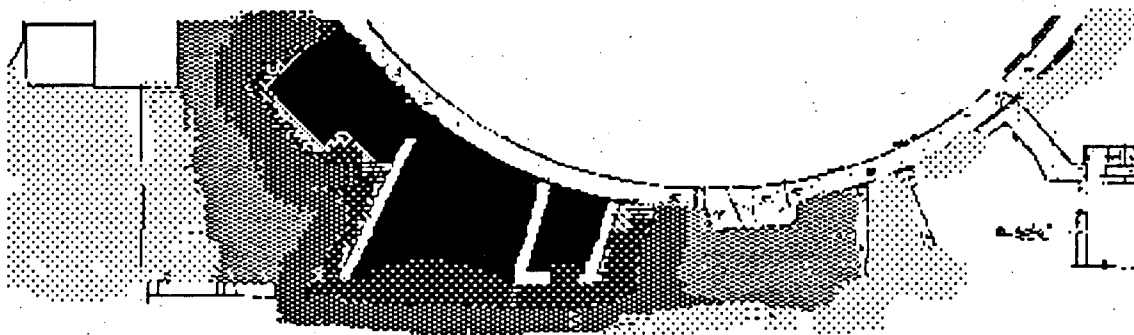
09:40 - 10:30 70' TURBINE DECK LEVEL



	160 mR/hr W.B. 1000 dpm/100 cm ²		5 mR/hr W.B.	Contamination levels are smearable or, as otherwise posted.
	80 mR/hr W.B.		Bkgd	

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

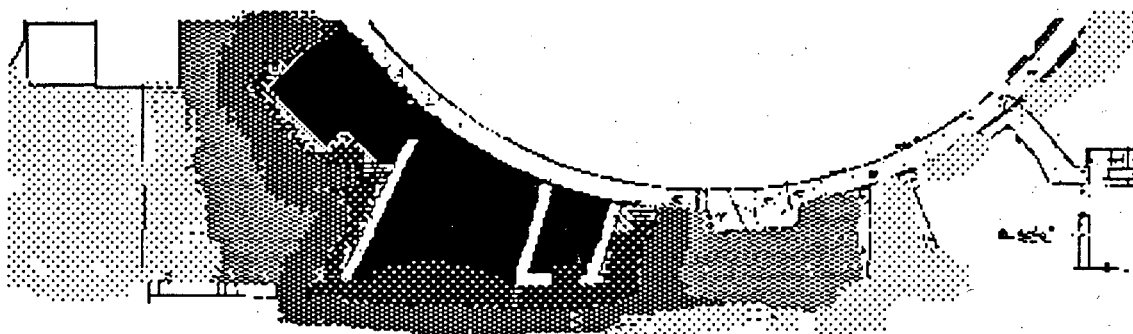
10:45 - 11:45 GROUND LEVEL E089 MSIV AREA



	10 R/hr W.B. 75,000 dpm/100 cm ² Smearable		20 mR/hr W. B.
	750 mR/hr W.B. 20,000 dpm/100 cm ² Smearable		5 mR/hr W.B.
	80 mR/hr W.B. 3,000 dpm/100 cm ² Smearable		Bkgd
			All other areas of contamination as posted or, at Background levels.

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

11:45 - 14:00 GROUND LEVEL E089 MSIV AREA



250 mR/hr W.B.
75,000 dpm/100 cm² Smearable

65 mR/hr W.B.
20,000 dpm/100 cm² Smearable

50 mR/hr W.B.
3,000 dpm/100 cm² Smearable

15 mR/hr W. B.

5 mR/hr W.B.

Bkgd

All other areas of contamination as posted or, at Background levels.

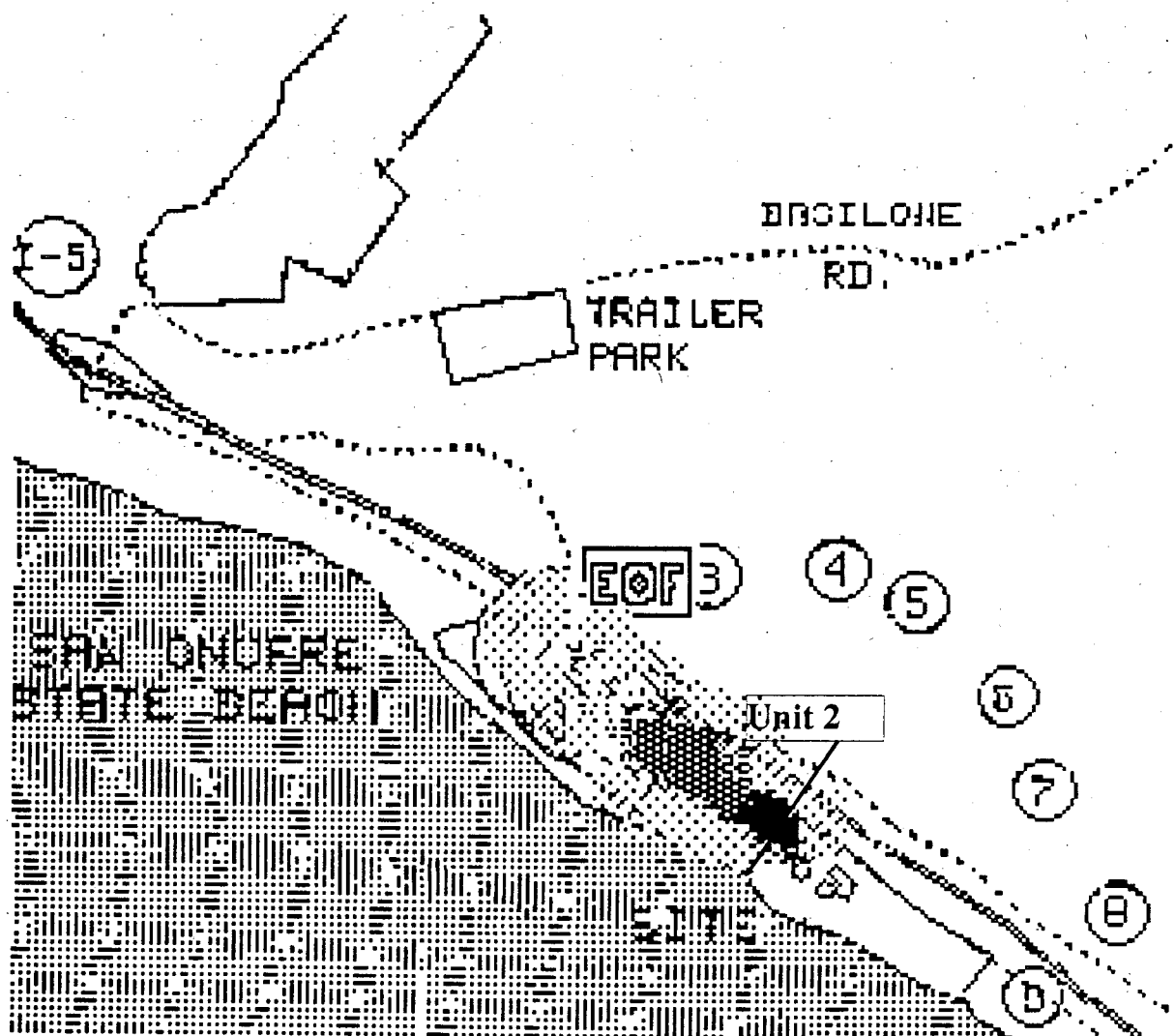
SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Offsite Survey Data

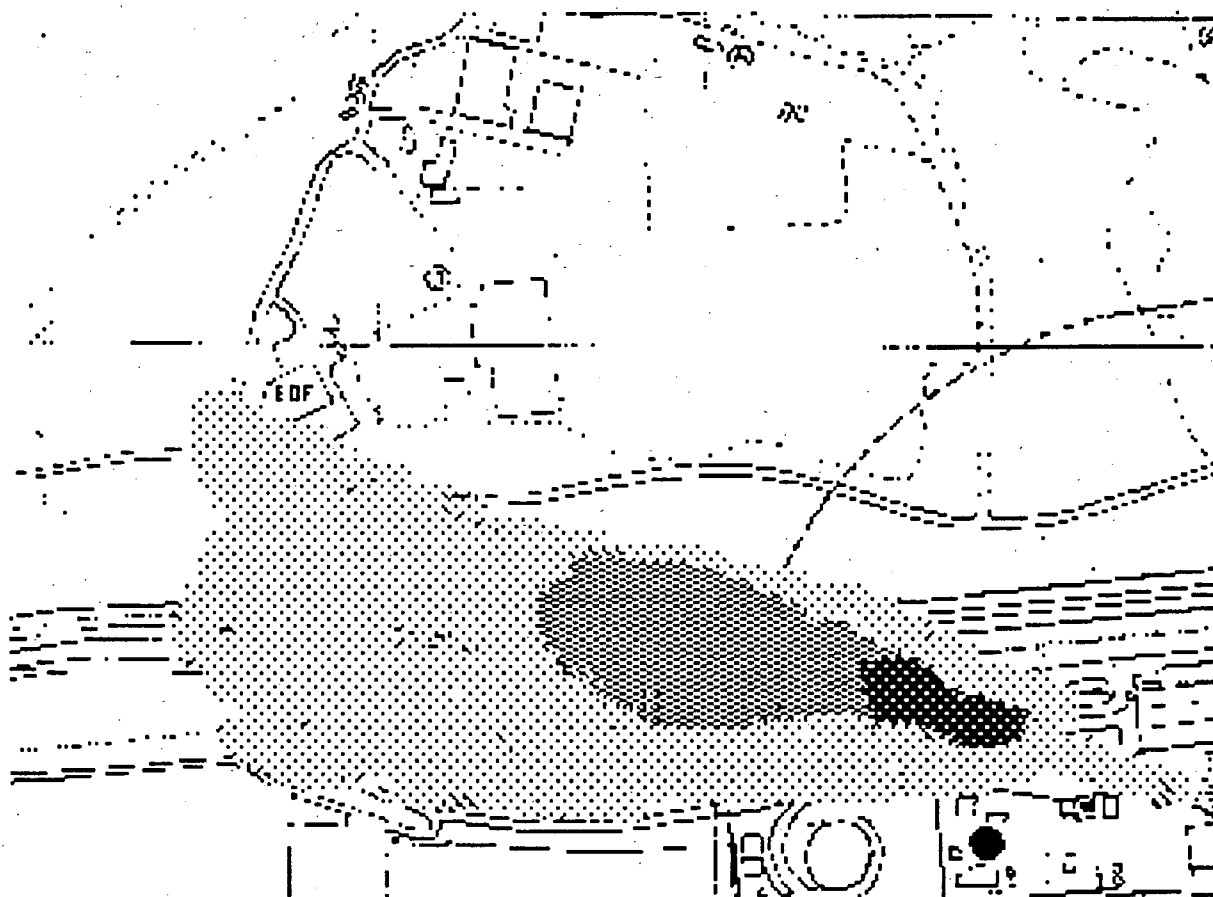
1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

10:00 SURVEY DATA



1988 UNIT 2 EMERGENCY PLAN EXERCISE SITE SURVEY MAP

10:00 SURVEY DATA



160 mR/hr W.B.

5 mR/hr W.B.

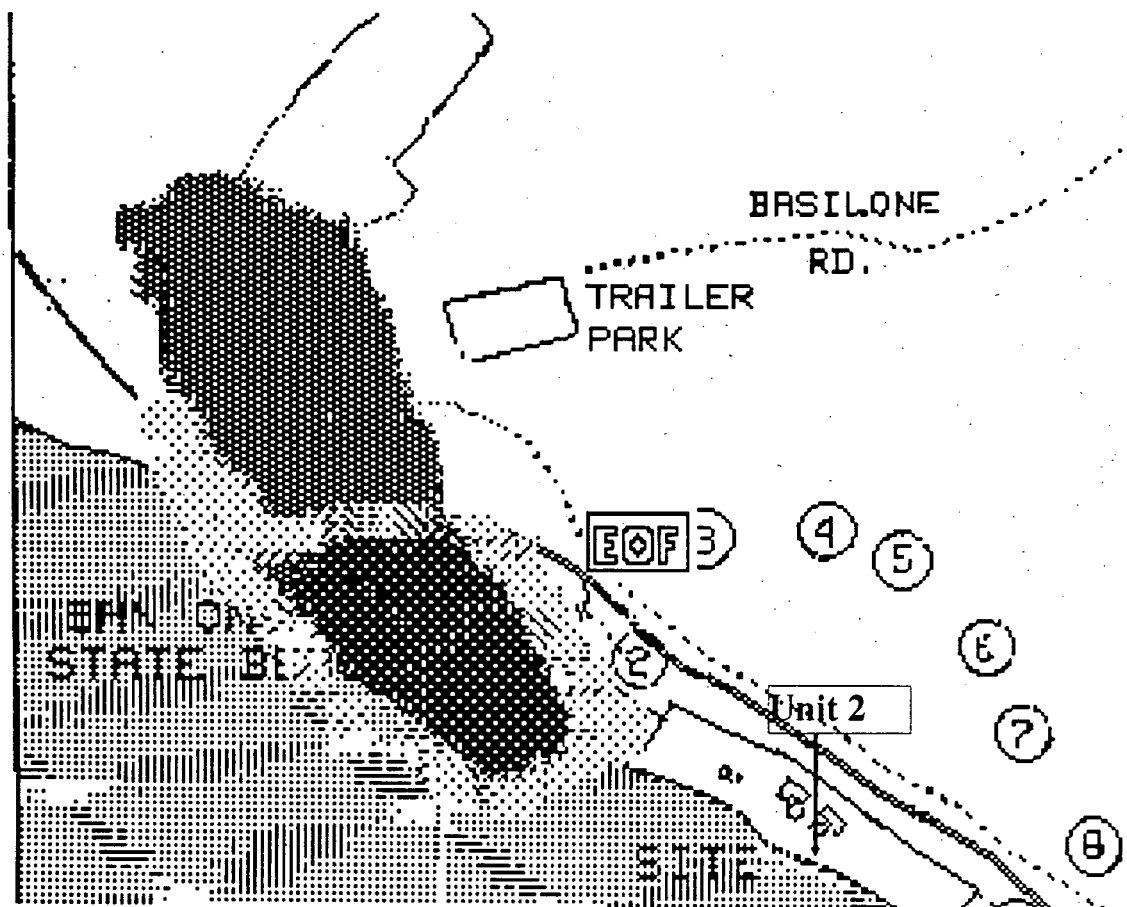
No contamination levels
above Background

80 mR/hr W.B.

Bkgd

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

10:30 SURVEY DATA



8 mR/hr W.B.

5 mR/hr W.B.

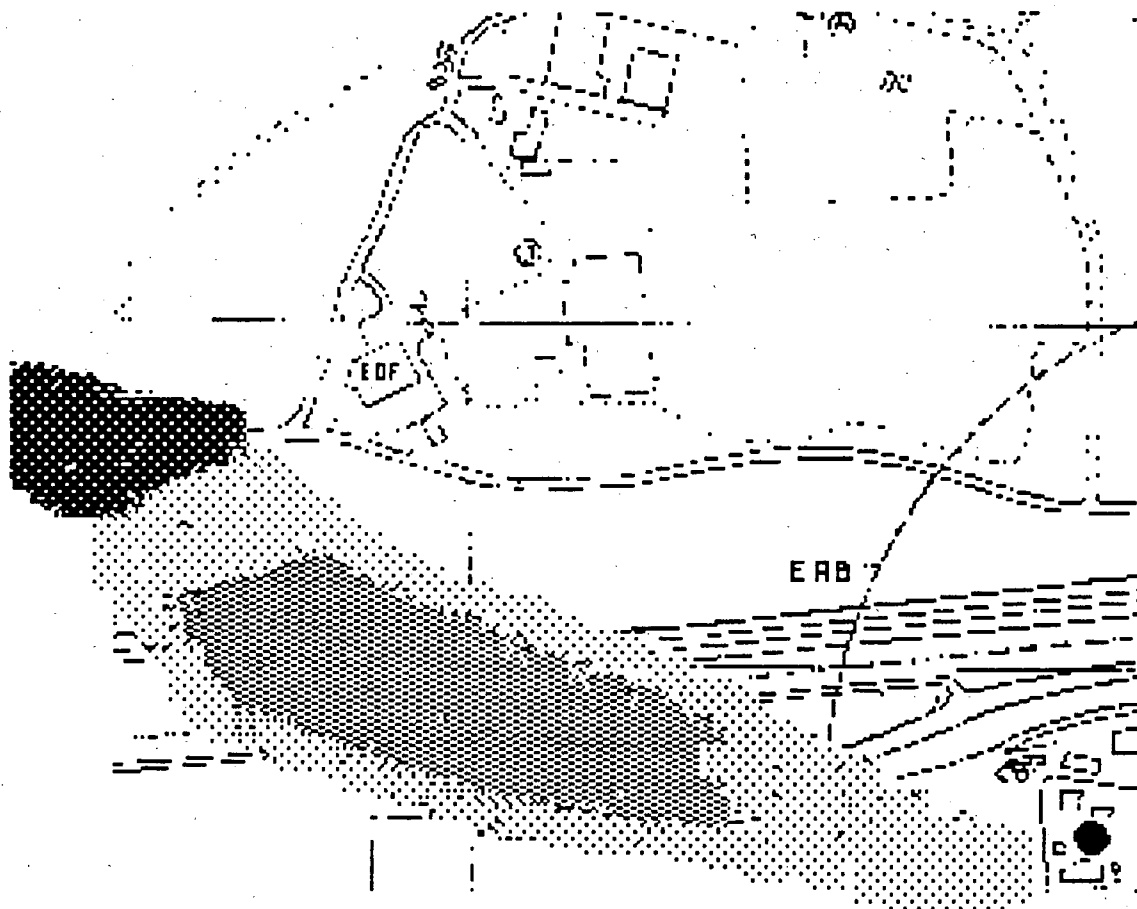
3 mR/hr W.B.

Bkgd

No contamination levels
above background

1988 UNIT 2 EMERGENCY PLAN EXERCISE SITE SURVEY MAP

10:35 SURVEY DATA



8 mR/hr W.B.

3 mR/hr W.B.

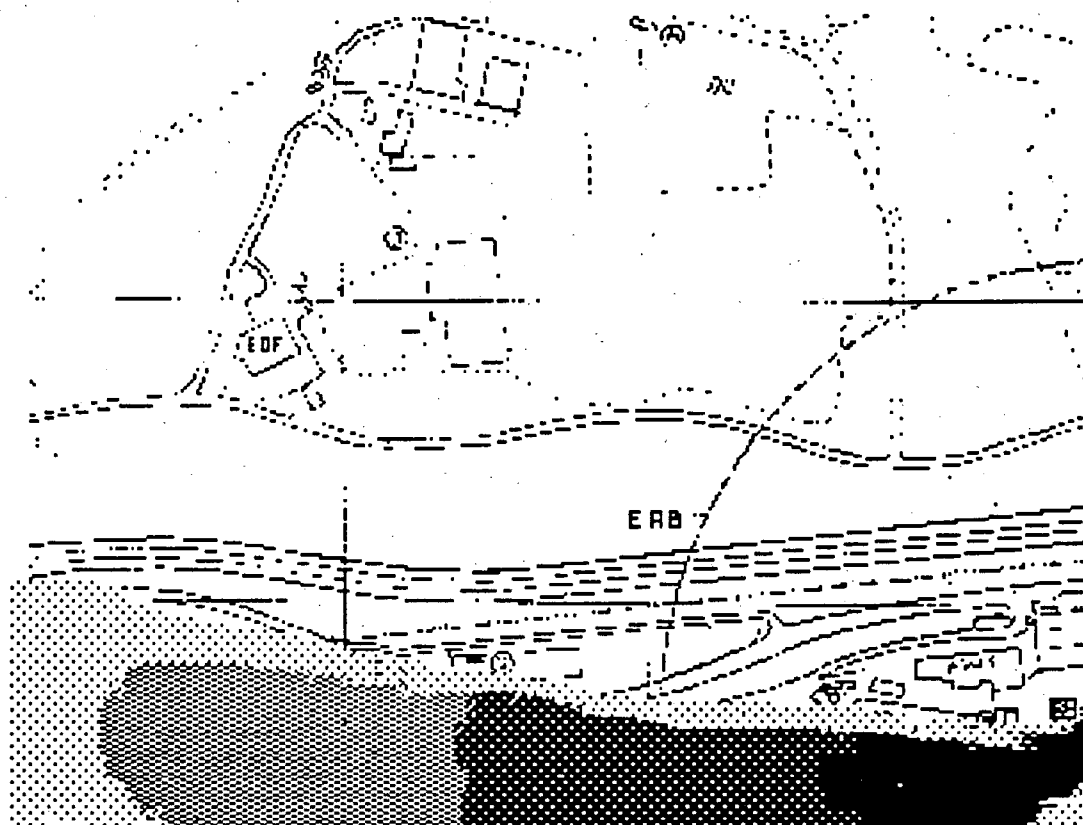
No contamination levels
above Background

5 mR/hr W.B.

Bkgd

1988 UNIT 2 EMERGENCY PLAN EXERCISE SITE SURVEY MAP

11:00 SURVEY DATA



730 mR/hr W.B.

570 mR/hr W.B.

150 mR/hr W.B.

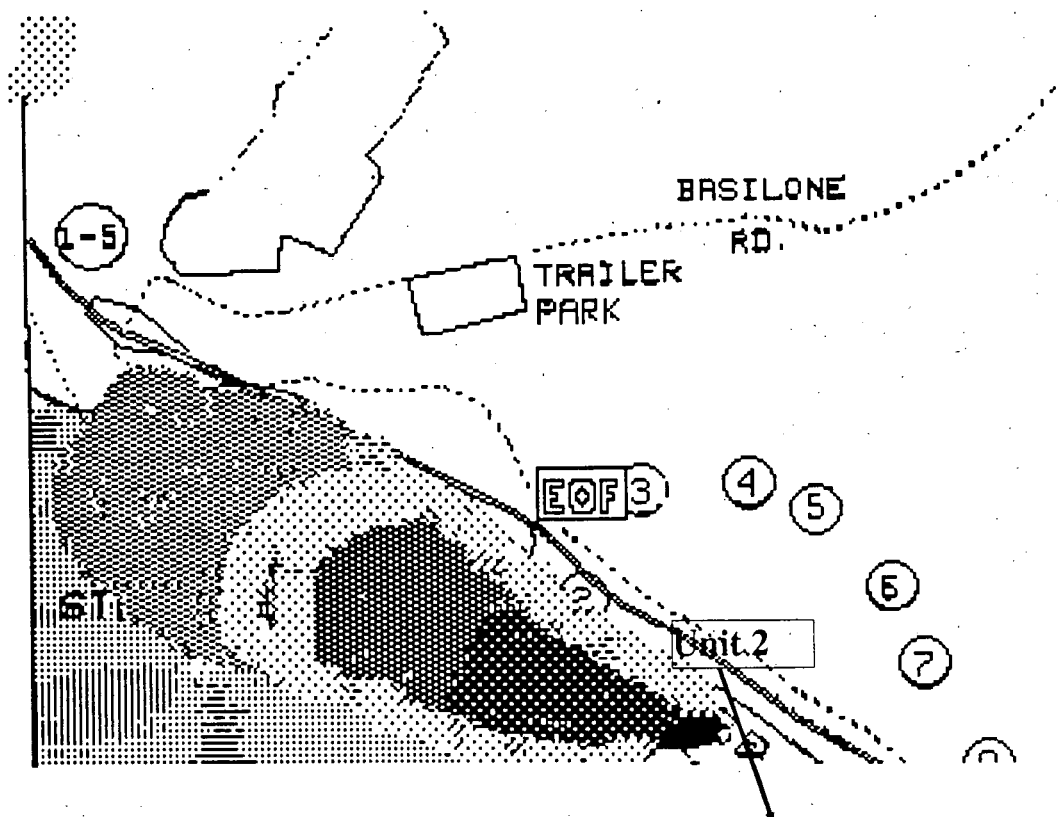
5 mR/hr W.B.

Bkgd

No contamination levels
above Background

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

11:00 SURVEY DATA



730 mR/hr W.B.

570 mR/hr W.B.

150 mR/hr W.B.

5 mR/hr W.B.

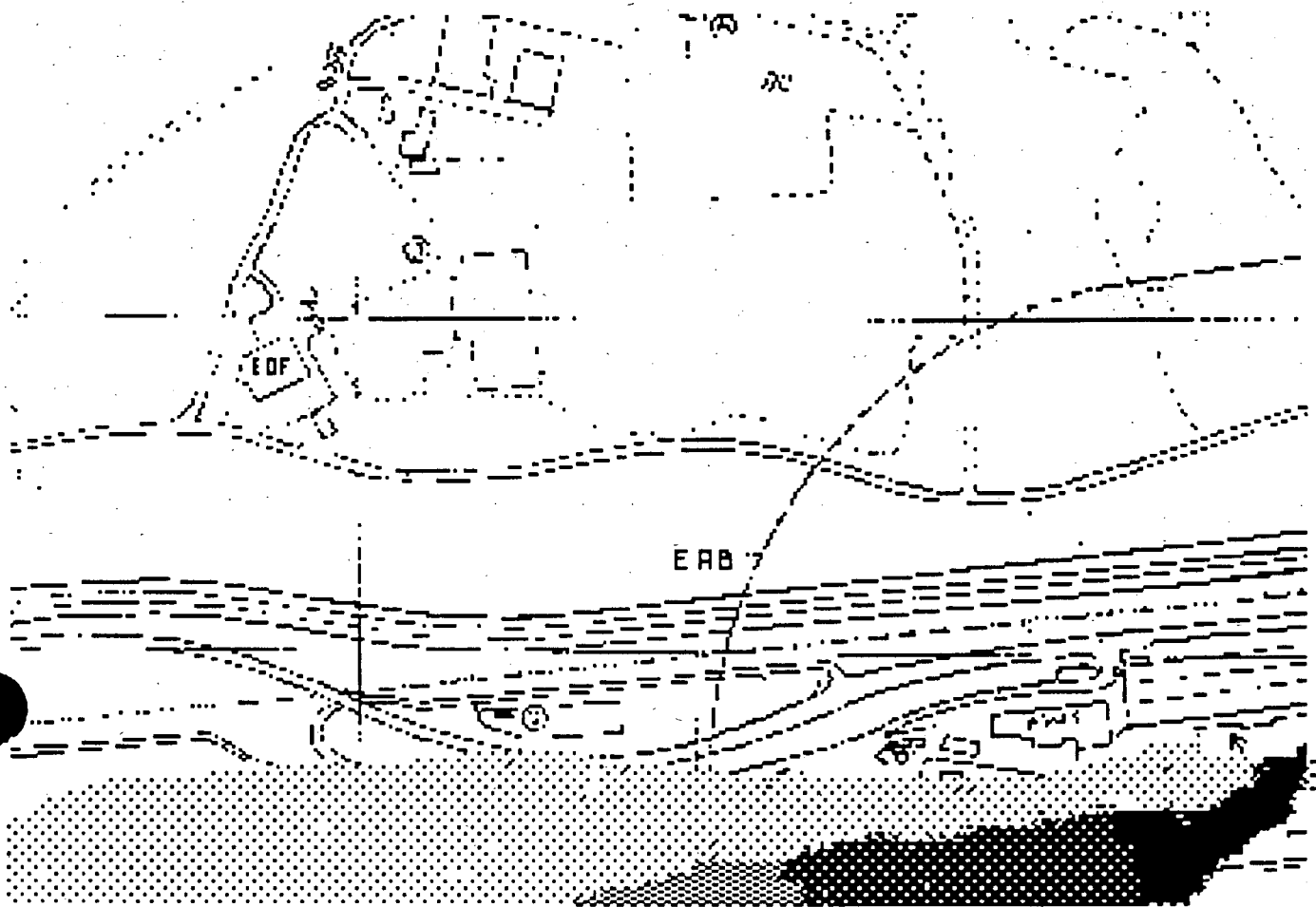
3 mR/hr W.B.

Bkgd

No contamination levels
above Background

1988 UNIT 2 EMERGENCY PLAN EXERCISE SITE SURVEY MAP

11:30 SURVEY DATA



700 mR/hr W.B.

500 mR/hr W.B.

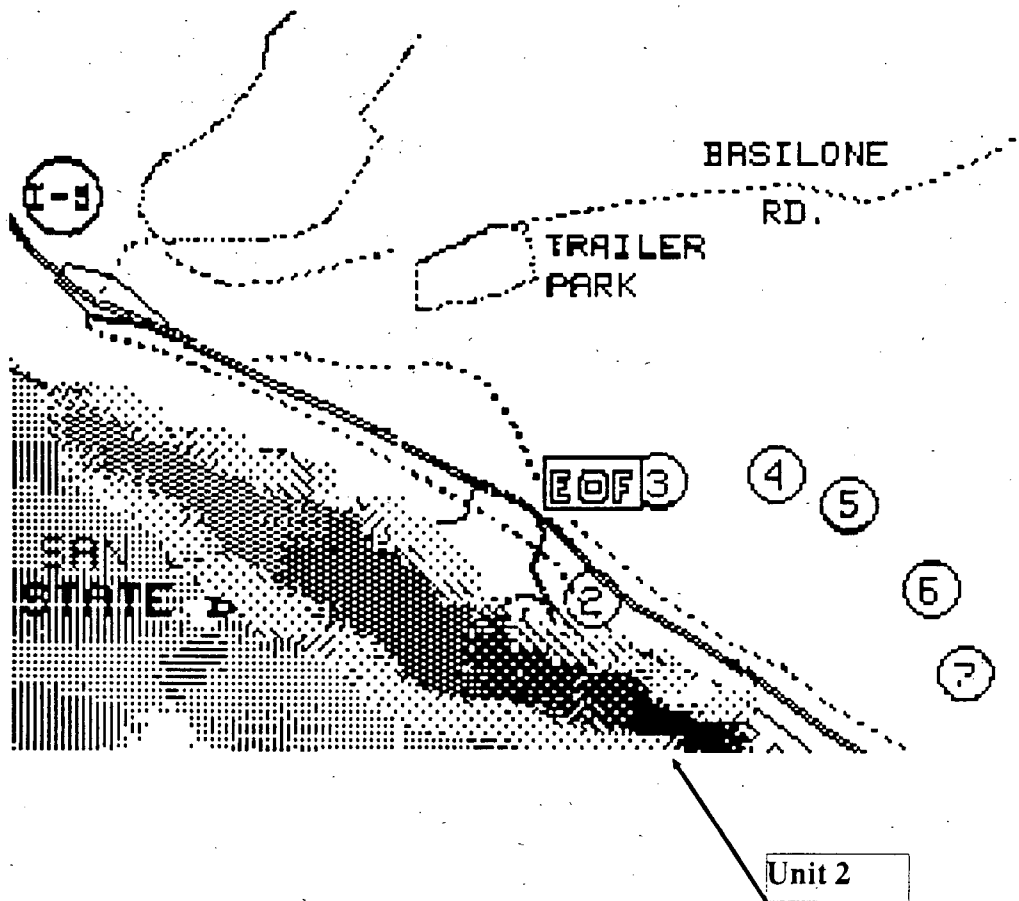
160 mR/hr W.B.

5 mR/hr W.B.

Bkgd

No contamination levels
above Background

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP 11:30 SURVEY DATA



700 mR/hr W.B.

60 mR/hr W.B.

No contamination levels
above Background

500 mR/hr W.B.

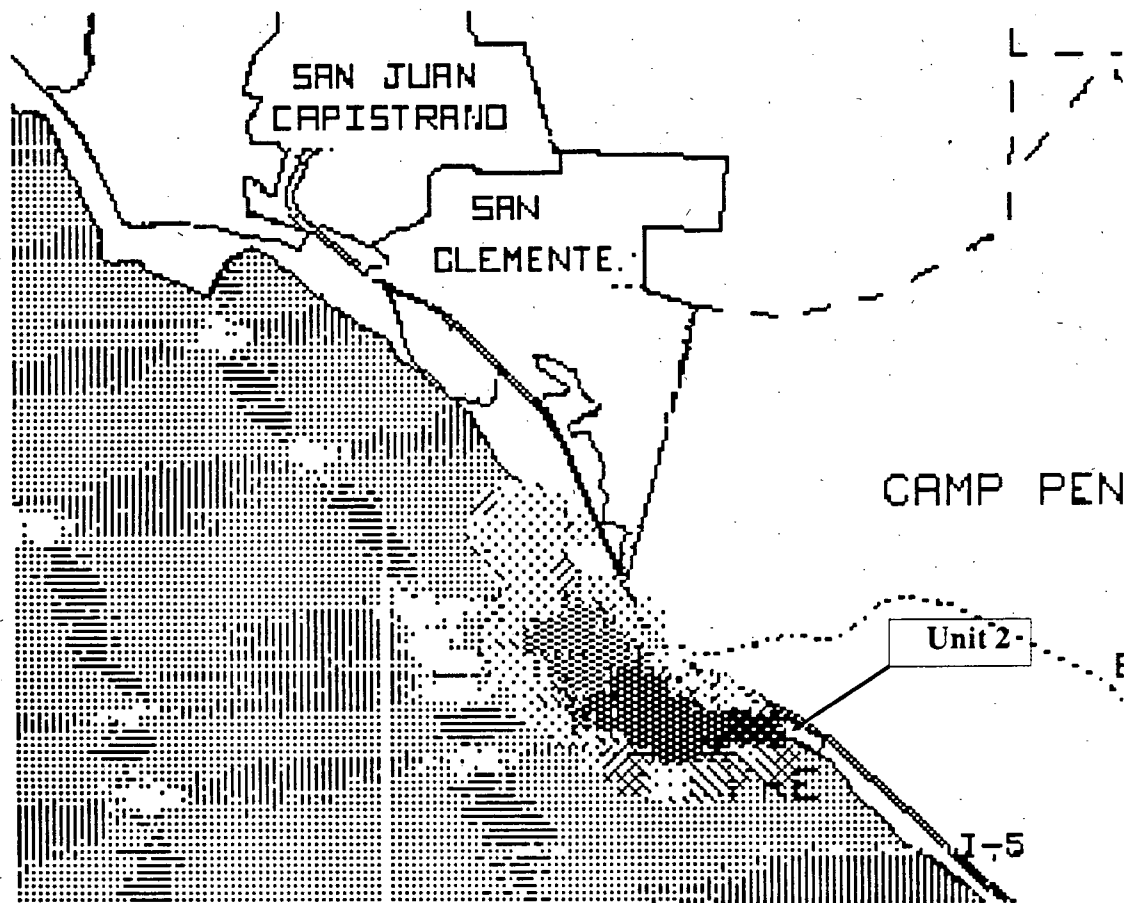
5 mR/hr W.B.

160 mR/hr W.B.

Bkgd

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

11:45 SURVEY DATA



270 mR/hr W.B.

65 mR/hr W.B.

60 mR/hr W.B.

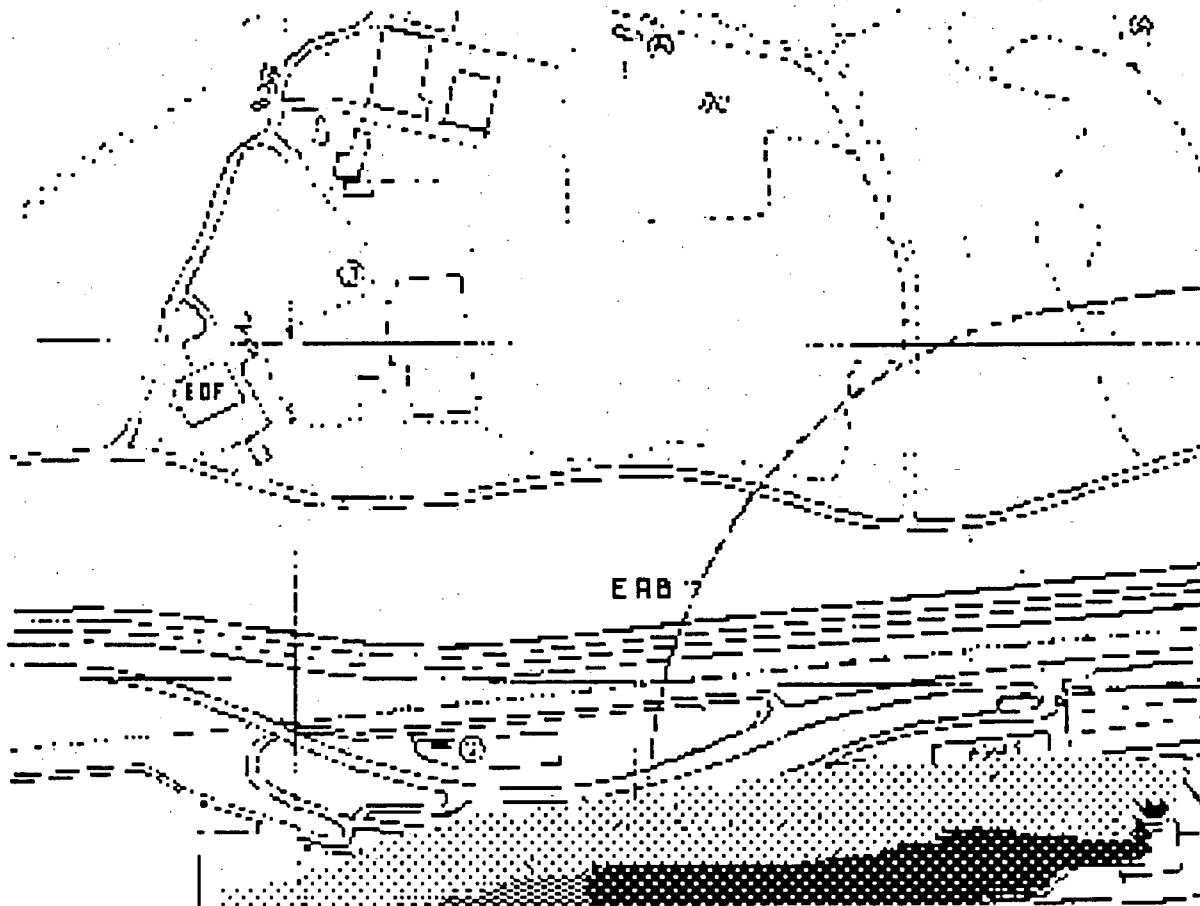
5 mR/hr W.B.

Bkgd

No contamination levels
above Background

1988 UNIT 2 EMERGENCY PLAN EXERCISE SITE SURVEY MAP

12:00 SURVEY DATA



250 mR/hr W.B.

5 mR/hr W.B.

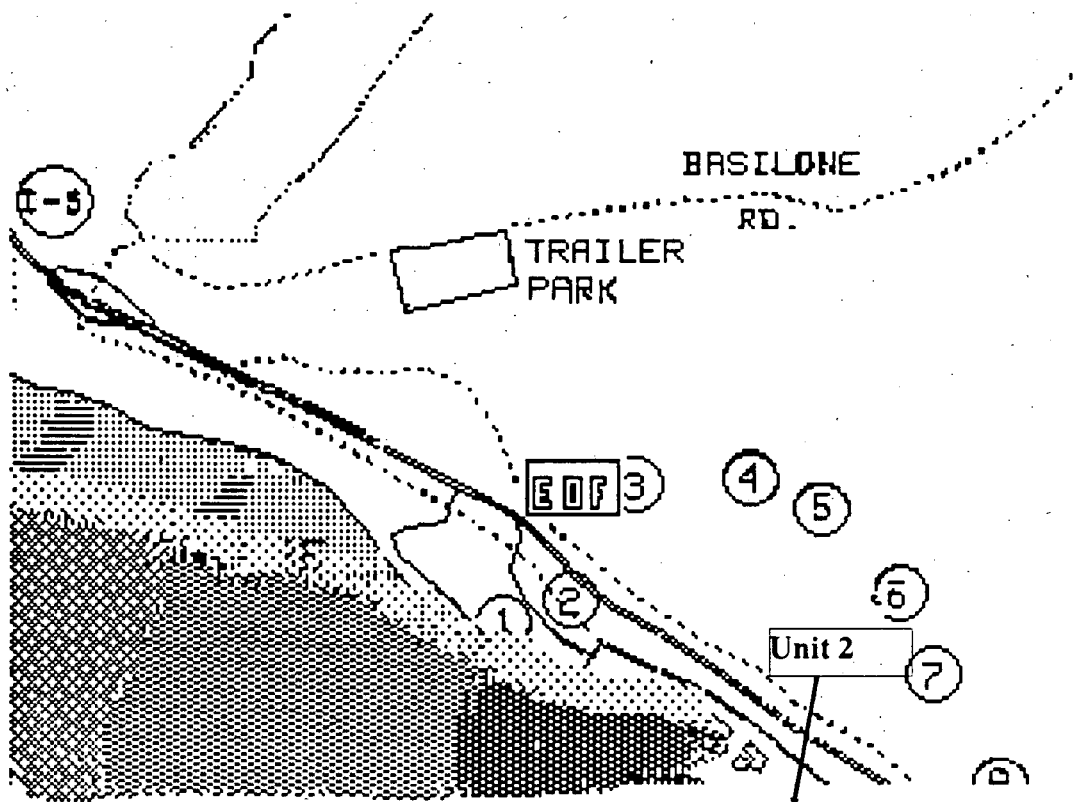
No contamination levels
above Background

50 mR/hr W.B.

Bkgd

1988 UNIT 2 EMERGENCY PLAN EXERCISE SURVEY MAP

12:00 SURVEY DATA



	250 mR/hr W.B.
	50 mR/hr W.B.
	35 mR/hr W.B.

	5 mR/hr W.B.
	Bkgd

No contamination levels above Background

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Meteorological Data

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 0
 REAL TIME:- - - - - 08:00 AM

WIND SPEED m/sec:- - - - - 1.1
 MPH :- - - - - 2.5
 WIND DIR. (from) degrees:- - - - - 137.0
 SIGMA THETA degrees:- - - - - 4.0
 LAPSE RATE (upper - lower) deg c/100: 2.0
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C: - - 16.0
 DEW POINT TEMP (lower) degrees C:- - 13.0
 STABILITY CLASS: - - - - - F
 WINDFIELD CODE:- - - - - 113106
 EAB CHI/Q sec/m^3: - - - - - 5.20E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 15
 REAL TIME:- - - - - 08:15 AM
 WIND SPEED m/sec:- - - - - 1.1
 MPH :- - - - - 2.5
 WIND DIR. (from) degrees:- - - - - 137.0
 SIGMA THETA degrees:- - - - - 4.0
 LAPSE RATE (upper - lower) deg c/100: 2.0
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 16.0
 DEW POINT TEMP (lower) degrees C:- - 13.0
 STABILITY CLASS:- - - - - F
 WINDFIELD CODE:- - - - - 113106
 EAB CHI/Q sec/m^3:- - - - - 5.20E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 30
 REAL TIME:- - - - - 08:30 AM

 WIND SPEED m/sec:- - - - - 1.1
 MPH :- - - - - 2.5
 WIND DIR. (from) degrees:- - - - - 137.0
 SIGMA THETA degrees:- - - - - 4.0
 LAPSE RATE (upper - lower) deg c/100: 2.0
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 16.0
 DEW POINT TEMP (lower) degrees C:- - 13.0
 STABILITY CLASS:- - - - - F
 WINDFIELD CODE:- - - - - 113106
 EAB CHI/Q sec/m^3:- - - - - 5.20E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 45
 REAL TIME:- - - - - 08:45 AM
 WIND SPEED m/sec:- - - - - 1.1
 MPH :- - - - - 2.5
 WIND DIR. (from) degrees:- - - - - 137.0
 SIGMA THETA degrees:- - - - - 4.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - 2.0
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 16.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.0
 STABILITY CLASS:- - - - - F
 WINDFIELD CODE:- - - - - 113106
 EAB CHI/Q sec/m^3:- - - - - 5.20E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 60
 REAL TIME:- - - - - 09:00 AM

WIND SPEED m/sec:- - - - - 1.1
 MPH :- - - - - 2.5
 WIND DIR. (from) degrees:- - - - - 137.0
 SIGMA THETA degrees:- - - - - 4.0
 LAPSE RATE (upper - lower) deg c/100: 2.0
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 16.0
 DEW POINT TEMP (lower) degrees C:- - 13.0
 STABILITY CLASS:- - - - - F
 WINDFIELD CODE:- - - - - 113106
 EAB CHI/Q sec/m^3:- - - - - 5.20E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 75
 REAL TIME:- - - - - 09:15 AM

WIND SPEED m/sec:- - - - - 1.3
 MPH :- - - - - 3.4
 WIND DIR. (from) degrees:- - - - - 130.0
 SIGMA THETA degrees:- - - - - 7.0
 LAPSE RATE (upper - lower) deg c/100: -0.9
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - 17.5
 DEW POINT TEMP (lower) degrees C:- - - 13.2
 STABILITY CLASS:- - - - - D
 WINDFIELD CODE:- - - - - 112106
 EAB CHI/Q sec/m^3:- - - - - 1.80E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 90
 REAL TIME:- - - - - 09:30 AM
 WIND SPEED m/sec:- - - - - 1.3
 MPH :- - - - - 3.4
 WIND DIR. (from) degrees:- - - - - 130.0
 SIGMA THETA degrees:- - - - - 7.0
 LAPSE RATE (upper - lower) deg c/100: -0.9
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 17.5
 DEW POINT TEMP (lower) degrees C:- - 13.2
 STABILITY CLASS:- - - - - D
 WINDFIELD CODE:- - - - - 112106
 EAB CHI/Q sec/m^3: - - - - - 1.80E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7.1
#2 NW uR/hr	Q	7.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 105
 REAL TIME:- - - - - 09:45 AM

WIND SPEED m/sec:- - - - - 1.3
 MPH :- - - - - 3.4
 WIND DIR. (from) degrees:- - - - - 130.0
 SIGMA THETA degrees:- - - - - 7.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - -0.9
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 17.5
 DEW POINT TEMP (lower) degrees C:- - - - - 13.2
 STABILITY CLASS:- - - - - D
 WINDFIELD CODE:- - - - - 112106
 EAB CHI/Q sec/m^3:- - - - - 1.80E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	350.0
#2 NW uR/hr	Q	975.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 120
 REAL TIME:- - - - - 10:00 AM

WIND SPEED m/sec:- - - - - 1.3
 MPH :- - - - - 3.4
 WIND DIR. (from) degrees:- - - - - 130.0
 SIGMA THETA degrees:- - - - - 7.0
 LAPSE RATE (upper - lower) deg c/100: -0.9
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 17.5
 DEW POINT TEMP (lower) degrees C:- - 13.2
 STABILITY CLASS:- - - - - D
 WINDFIELD CODE:- - - - - 112106
 EAB CHI/Q sec/m^3: - - - - - 1.80E-04

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	70000.0
#2 NW uR/hr	Q	82000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 135
 REAL TIME:- - - - - 10:15 AM

WIND SPEED m/sec:- - - - - 1.9
 MPH :- - - - - 3.1
 WIND DIR. (from) degrees:- - - - - 108.0
 SIGMA THETA degrees:- - - - - 11.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - 1.6
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 19.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - C
 WINDFIELD CODE:- - - - - 111105
 EAB CHI/Q sec/m^3:- - - - - 7.00E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	170000.0
#2 NW uR/hr	Q	325000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 150
 REAL TIME:- - - - - 10:30 AM

WIND SPEED m/sec:- - - - - 1.9
 MPH :- - - - - 3.1
 WIND DIR. (from) degrees:- - - - - 108.0
 SIGMA THETA degrees:- - - - - 11.0
 LAPSE RATE (upper - lower) deg c/100: -1.6
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C: - - 19.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS: - - - - - C
 WINDFIELD CODE:- - - - - 111105
 EAB CHI/Q sec/m^3: - - - - - 7.00E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	7500.0
#2 NW uR/hr	Q	5000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 165
 REAL TIME:- - - - - 10:45 AM

WIND SPEED m/sec:- - - - - 1.9
 MPH :- - - - - 3.1
 WIND DIR. (from) degrees:- - - - - 108.0
 SIGMA THETA degrees:- - - - - 11.0
 LAPSE RATE (upper - lower) deg c/100: -1.6
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 19.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS:- - - - - C
 WINDFIELD CODE:- - - - - 111105
 EAB CHI/Q sec/m^3:- - - - - 7.00E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	500000.0
#2 NW uR/hr	Q	95000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 180
 REAL TIME:- - - - - 11:00 AM

 WIND SPEED m/sec:- - - - - 1.9
 MPH :- - - - - 3.1
 WIND DIR. (from) degrees:- - - - - 108.0
 SIGMA THETA degrees:- - - - - 11.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - -1.6
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 19.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - C
 WINDFIELD CODE:- - - - - 111105
 EAB CHI/Q sec/m^3:- - - - - 7.00E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	485000.0
#2 NW uR/hr	Q	5000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA.

DRILL TIME:- - - - - 195
 REAL TIME:- - - - - 11:15 AM
 WIND SPEED m/sec:- - - - - 1.9
 MPH :- - - - - 3.1
 WIND DIR. (from) degrees:- - - - - 108.0
 SIGMA THETA degrees:- - - - - 11.0
 LAPSE RATE (upper - lower) deg c/100: -1.6
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 19.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS:- - - - - C
 WINDFIELD CODE:- - - - - 111105
 EAB CHI/Q sec/m³: - - - - - 7.00E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	450000.0
#2 NW uR/hr	Q	10000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 210
 REAL TIME:- - - - - 11:30 AM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100: -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 21.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	400000.0
#2 NW uR/hr	Q	5000.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 225
 REAL TIME:- - - - - 11:45 AM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - 1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	50000.0
#2 NW uR/hr	Q	750.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 240
 REAL TIME:- - - - - 12:00 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100: -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C: - - 21.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3: - - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	5000.0
#2 NW uR/hr	Q	382.5
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 255
 REAL TIME:- - - - - 12:15 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	4530.0
#2 NW uR/hr	Q	195.1
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 270
 REAL TIME:- - - - - 12:30 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	4503.0
#2 NW uR/hr	Q	99.5
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 285
 REAL TIME:- - - - - 12:45 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100: -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 21.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3: - - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	3979.5
#2 NW uR/hr	Q	50.7
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 300
 REAL TIME:- - - - - 01:00 PM
 WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - 1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	2029.6
#2 NW uR/hr	Q	25.9
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 315
 REAL TIME:- - - - - 01:15 PM

 WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - 1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	1035.1
#2 NW uR/hr	Q	13.2
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 330
 REAL TIME:- - - - - 01:30 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	527.9
#2 NW uR/hr	Q	8.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 345
 REAL TIME:- - - - - 01:45 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100: -1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - 21.0
 DEW POINT TEMP (lower) degrees C:- - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	269.2
#2 NW uR/hr	Q	8.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

1988 EMERGENCY PLAN EXERCISE RADMET DATA

DRILL TIME:- - - - - 360
 REAL TIME:- - - - - 02:00 PM

WIND SPEED m/sec:- - - - - 1.7
 MPH :- - - - - 3.8
 WIND DIR. (from) degrees:- - - - - 90.0
 SIGMA THETA degrees:- - - - - 13.0
 LAPSE RATE (upper - lower) deg c/100:- - - - - 1.8
 PRECIPITATION mm:- - - - - 0.0
 AMBIENT TEMP. (lower) degrees C:- - - - - 21.0
 DEW POINT TEMP (lower) degrees C:- - - - - 13.6
 STABILITY CLASS:- - - - - B
 WINDFIELD CODE:- - - - - 111104
 EAB CHI/Q sec/m^3:- - - - - 3.10E-05

PIC DATA: 15 min average

	SECTOR	
#1 WNW uR/hr	P	137.3
#2 NW uR/hr	Q	8.0
#3 NNW uR/hr	A	8.3
#4 N uR/hr	B	7.4
#5 NNE uR/hr	C	8.5
#6 NE uR/hr	D	7.6
#7 ENE uR/hr	E	7.7
#8 E uR/hr	E	6.8
#9 ESE uR/hr	F	7.9

SAN ONOFRE NUCLEAR GENERATING STATION
Unit 2

1988 Emergency Plan Exercise

Chemistry Data

1988 UNIT 2 EMERGENCY EXERCISE CHEMISTRY DATA

 *****26-OCT-88 03:15 *****

2 RCS GAS ACT CHECK

SAMPLE COLLECTION START DATE: 26 OCT 88 05:30
 SAMPLE COLLECTION END DATE: 26 OCT 88 05:30
 SAMPLE IDENTIFICATION: 3707
 TYPE OF SAMPLE: U 2/3 CHEM
 SAMPLE QUANTITY: 1.2900 UNITS: CC
 PER CENT YIELD: 100.0000 REACTOR: #2
 SAMPLE GEOMETRY: 10 CC SERUM VIAL OPERATORS INITIALS:
 EFFICIENCY FILE NAME: EFFB SV10B1

 ACQUIRE DATE: 26 OCT 88 * FWHM(1332) 2.225
 PRESET TIME(LIVE):1200 SEC * SENSITIVITY: 3.500
 ELAPSED REAL TIME:1264 SEC * SHAPE PARAMETER: 20.0%
 ELAPSED LIVE TIME:1200 SEC * NBR ITERATIONS: 5
 *

 *
 DETECTOR: GELI A * LIBRARY: RXGAS
 CALIB DATE: 19-MAR-88 06:33:15 * ENERGY TOLERANCE: 1.25KV
 KEV/CHNL: 0.500110 * HALF LIFE RATIO: 8.00
 OFFSET: 0.121726 * ABUNDANCE LIMIT: 50.00%
 *

PK	IT	ENERGY	AREA	BKGND	FWHM	CHANNEL	LEFT	%ERR
1	0	62.47	751	14816	1.56	124.66	122	23.20
2	0	80.89	174241	33044	1.47	161.50	153	0.30
3	0	122.10	351	11810	1.36	243.89	241	44.20
4	0	151.17	65062	16954	1.49	302.04	294	0.50
5	0	158.22	394	7414	1.13	316.12	313	31.30
6	0	165.93	4431	9933	1.60	331.54	326	3.50
7	0	196.31	32269	9363	1.54	392.28	385	0.70
8	0	233.10	634	6095	1.43	465.86	461	17.90
9	0	249.75	145470	7251	1.57	499.15	491	0.30
10	0	304.89	6444	3630	1.61	609.40	601	1.80
11	0	358.31	326	877	1.97	716.20	712	14.00
12	0	362.30	15525	719	1.68	724.20	712	3.60
13	0	390.48	452	1245	1.71	780.54	775	12.00
14	0	402.58	8997	1900	1.66	815.98	812	1.30
15	0	408.20	326	1174	1.77	925.30	920	15.80
16	0	462.88	375	1018	1.76	943.58	939	13.10
17	0	472.01	337	873	1.81	1021.68	1013	13.50
18	0	511.07	986	1571	2.60	1215.61	1207	6.50
19	0	608.06	1677	1286	1.87	1347.46	1343	3.90
20	0	674.00	185	805	1.94	1347.46	1343	22.90
21	0	788.41	120	986	1.30	1576.23	1569	38.00

1988 UNIT 2 EMERGENCY EXERCISE CHEMISTRY DATA

NUCLIDE IDENTIFICATION SYSTEM (SONGS REV 2.1 1/87)
SUMMARY OF NUCLIDE ACTIVITY

PAGE 1

TOTAL LINES IN SPECTRUM	103	
LINEs NOT LISTED IN LIBRARY	12	
IDENTIFIED IN SUMMARY REPORT	102	103.8%

ACTIVATION GAS

NUCLIDE	SBHB	HLIFE	DECAY	UCI/UNIT	1-SIGMA ERROR	%ERROR
AR-41	AG	1.83H	1.409	2.71E-02	7.00E-04	3.74

FISSION GAS

NUCLIDE	SBHB	HLIFE	DECAY	UCI/UNIT	1-SIGMA ERROR	%ERROR
KR-85M	FG	4.8H	1.240	9.91E-02	5.08E-04	24.41
KR-87	FG	76.35M	2.145	1.11E-01	8.05E-04	3.59
KR-88	FG	2.85H	1.408	1.68E-01	8.30E-04	2.54
XE-133	FG	5.25D	1.008	2.17E+00	1.88E-03	2.46
XE-133M	FG	2.19D	1.012	4.37E-02	1.76E-03	4.02
XE-135	FG	9.09H	1.112	5.49E-01	7.09E-04	2.92
XE-135M	FG	15.36M	11.252	7.54E-02	2.02E-03	2.68
XE-138	FG	14.17M	8.940	8.52E-03	7.20E-04	13.50

TOTAL ACTIVITY = 3.22E+00 uCi/cc

1988 UNIT 2 EMERGENCY PLAN EXERCISE CHEMISTRY DATA

 *****26-OCT-88 03:15 *****

2E088/89 1/72 HR ACT CK

SAMPLE COLLECTION START DATE: 26 OCT 1988 0530
 SAMPLE COLLECTION END DATE: 26 OCT 1988 0530
 SAMPLE IDENTIFICATION: 3706
 TYPE OF SAMPLE: UNIT 2 CHEM
 SAMPLE QUANTITY: 1000.00
 PER CENT YIELD: 100
 SAMPLE GEOMETRY: 1L LIQ MARINELLI
 EFFICIENCY FILE NAME: EFFB PV1A1
 UNITS:
 REACTOR:
 OPERATORS INITIAL

 ACQUIRE DATE: SEP 13, 1988 * FWHM(1332)
 PRESET TIME(LIVE):1200 SEC * SENSITIVITY:
 ELAPSED REAL TIME:1265 SEC * SHAPE PARAMETER:
 ELAPSED LIVE TIME:1200 SEC * NBR ITERATIONS:
 *

 DETECTOR: GELA B * LIBRARY:
 CALIB DATE: 14-MAR-88 02:03:18 * ENERGY TOLERANCE:
 KEV/CHNL: 0.500110 * HALF LIFE RATIO:
 OFFSET: 0.121726 * ABUNDANCE LIMIT:
 Q COEFF: 1.126E-7 KEV/C**2 *

PK	IT	ENERGY	AREA	BKGND	FWHM	CHANNEL	LEFT
1	0	153.65	6	13	1.86	306.08	300
2	0	364.19	4	7	0.56	728	722

1988 UNIT 2 EMERGENCY PLAN EXERCISE CHEMISTRY DATA

NUCLIDE IDENTIFICATION SYSTEM (REV SONGS 2.1 1.87)
SUMMARY OF NUCLIDE ACTIVITY

TOTAL LINES IN SPECTRUM	2	
LINES NOT LISTED IN LIBRARY	0	
IDENTIFIED IN SUMMARY REPORT	1	50.00%

FISSION PRODUCT				1-SIGMA
NUCLIDE	SHBH	HLIFE	DECAY UCI/CC	ERROR

TOTAL ACTIVITY: < LLD

1988 UNIT 2 EMERGENCY PLAN EXERCISE CHEMISTRY DATA

 *****26-OCT-88 03:15 *****

2 RCS SEPARATED LIQUID ACT CHECK

SAMPLE COLLECTION START DATE: 26 OCT 1988 0530
 SAMPLE COLLECTION END DATE: 26 OCT 1988 0530
 SAMPLE IDENTIFICATION: 3706
 TYPE OF SAMPLE: UNIT 2 CHEM
 SAMPLE QUANTITY: 1.0000 UNITS: ML
 PER CENT YIELD: 100 REACTOR: #2
 SAMPLE GEOMETRY: 1 CC VIAL OPERATORS INITIALS:
 EFFICIENCY FILE NAME: EFFB PV1A1

 ACQUIRE DATE: 26 OCT 1988 * FWHM(1332) 2.005
 PRESET TIME(LIVE):1200 SEC * SENSITIVITY: 3.500
 ELAPSED REAL TIME:1265 SEC * SHAPE PARAMETER: 20.0%
 ELAPSED LIVE TIME:1200 SEC * NBR ITERATIONS: 5
 *

 *
 DETECTOR: GELA B * LIBRARY: RXLIQ
 CALIB DATE: 14-MAR-88 02:03:18* ENERGY TOLERANCE: 1.25KV
 KEV/CHNL: 0.500110 * HALF LIFE RATIO: 8.00
 OFFSET: 0.121726 * ABUNDANCE LIMIT: 50.00%
 Q COEFF: 1.126E-7 KEV/C**2 *

PK	IT	ENERGY	AREA	BKGND	FWHM	CHANNEL	LEFT	%ERR
1	0	62.47	751	14816	1.56	124.66	122	23.20
2	0	80.89	174241	33044	1.47	161.50	153	0.30
3	0	122.10	351	11810	1.36	243.89	241	44.20
4	0	151.17	65062	16954	1.49	302.04	294	0.50
5	0	158.22	394	7414	1.13	316.12	313	31.30
6	0	165.93	4431	9933	1.60	331.54	326	3.50
7	0	196.31	32269	9363	1.54	392.28	385	0.70
8	0	233.10	634	6095	1.43	465.86	461	17.90
9	0	249.75	145470	7251	1.57	499.15	491	0.30
10	0	304.89	6444	3630	1.61	609.40	601	1.80
11	0	358.31	326	877	1.97	716.20	712	14.00
12	0	362.30	15525	719	1.68	724.20	712	3.60
13	0	390.48	452	1245	1.71	780.54	775	12.00
14	0	402.58	8997	1900	1.66	815.98	812	1.30
15	0	408.20	326	1174	1.77	925.30	920	15.80
16	0	462.88	375	1018	1.76	943.58	939	13.10
17	0	472.01	337	873	1.81	1021.68	1013	13.50
18	0	511.07	986	1571	2.60	1215.61	1207	6.50
19	0	608.06	1677	1286	1.87	1347.46	1343	3.90
20	0	674.00	185	805	1.94	1347.46	1343	22.90
21	0	788.41	120	986	1.30	1576.23	1569	38.00

1988 UNIT 2 EMERGENCY PLAN EXERCISE CHEMISTRY DATA

NUCLIDE IDENTIFICATION SYSTEM (REV SONGS 2.1 1.87) SUMMARY OF NUCLIDE ACTIVITY

TOTAL LINES IN SPECTRUM	103	
LINES NOT LISTED IN LIBRARY	12	
IDENTIFIED IN SUMMARY REPORT	107	115.62%

ACTIVATION GAS					1-SIGMA
NUCLIDE	SBHB	HLIFE	DECAY	UCI/UNIT	ERROR
AR-14	AG	1.83H	1.522	1.04E-02	1.15E-04

FISSION GAS					1-SIGMA
NUCLIDE	SBHB	HLIFE	DECAY	UCI/UNIT	ERROR
KR-85M	FG	4.8H	1.240	8.65E-04	5.08E-04
KR-87	FG	76.35M	2.145	1.75E-03	8.05E-04
XE-133	FG	5.25D	1.008	3.15E-02	1.88E-03
XE-135	FG	9.09H	1.112	1.33E-02	7.09E-04
XE-135M	FG	15.60M	18.616	DELETED	DUE TO INTEFERENCE

ACTIVATION PRODUCT					1-SIGMA
NUCLIDE	SHBH	HLIFE	DECAY	UCI/UNIT	ERROR
NA-24	AP	15.03H	1.053	1.32E-02	2.88E-04
MN-56	AP	2.580H	1.347	**KEY LINE NOT PRESENT	
CO-58	AP	70.81D	1.000	DELETED	DUE TO INTEFERENCE
NB-95M	AP	86.68H	1.009	DELETED	DUE TO INTEFERENCE

FISSION PRODUCT					1-SIGMA
NUCLIDE	SHBH	HLIFE	DECAY	UCI/CC	ERROR
I-131	FP	8.04D	0.005	5.87E-02	3.22E-03
I-132	FP	2.30H	1.397	3.31E-02	3.12E-04
I-133	FP	20.8H	1.047	8.15E-02	2.76E-03
I-134	FP	52.6M	2.997	3.72E-02	2.20E-03
I-135	FP	6.61H	1.520	4.79E-02	2.91E-03
RB-88	FP	17.08M	13.02	2.45E-01	3.10E-03
CS-134	FP	2.06Y	1.000	6.05E-04	1.44E-04
CS-137	FP	30.00Y	1.005	7.59E-04	5.66E-01
CS-138	FP	32.21M	4.159	1.49E-01	1.86E-03
NB-95	FP	35.07D	1.001	2.17E-04	1.26E-04
RU-106	FP	368.2D	1.000	DELETED	DUE TO INTEFERENCE
TE-132	FP	3.25D	1.010	DELETED	DUE TO INTEFERENCE
BA-139	FP	82.7M	1.746	5.85E-03	7.04E-04

TOTAL ACTIVITY = 7.31E-01 uCi/cc

IODINE EQUIVALENCE REPORT

NUCLIDE	ACTIVITY (uCi/cc)	EQUIV FACTOR	I-131 D.E. UCI/UNIT
I-131	5.87E-02	1.000	5.87E-02
I-133	8.15E-02	0.270	2.20E-02
I-134	3.72E-02	0.017	6.29E-04
I-135	4.79E-02	0.084	4.01E-03

I-131 DOSE EQUIVALENCE = 8.53E-02

I131/I133 RATIO = 7.20E-01

1988 UNIT 2 EMERGENCY PLAN EXERCISE CHEMISTRY DATA

 *****26-OCT-88*****

2 RCS UNSEPARATED LIQUID ACT CHECK

SAMPLE COLLECTION START DATE: 26 OCT 1988 0800
 SAMPLE COLLECTION END DATE: 26 OCT 1988 0840 OR AFTER
 SAMPLE IDENTIFICATION: 3706
 TYPE OF SAMPLE: UNIT 2 CHEM
 SAMPLE QUANTITY: 1.0000 UNITS: 2/3
 PER CENT YIELD: 100 REACTOR: 2
 SAMPLE GEOMETRY: 1 CC VIAL OPERATORS INITIAL
 EFFICIENCY FILE NAME: EFFB PV1A1

 ACQUIRE DATE: 26-OCT-1988 * FWHM(1332)
 PRESET TIME(LIVE):1200 SEC * SENSITIVITY:
 ELAPSED REAL TIME:1265 SEC * SHAPE PARAMETER:
 ELAPSED LIVE TIME:1200 SEC * NBR ITERATIONS:
 *

 *
 DETECTOR: GELA B * LIBRARY:
 CALIB DATE: 14-MAR-88 02:03:18* ENERGY TOLERANCE:
 KEV/CHNL: 0.500110 * HALF LIFE RATIO:
 OFFSET: 0.121726 * ABUNDANCE LIMIT:
 Q COEFF: 1.126E-7 KEV/C**2 *

PK	IT	ENERGY	AREA	BKGND	FWHM	CHANNEL	LEFT
1	0	62.47	751	14816	1.56	124.66	122
2	0	80.89	174241	33044	1.47	161.50	153
3	0	122.10	351	11810	1.36	243.89	241
4	0	151.17	65062	16954	1.49	302.04	294
5	0	158.22	394	7414	1.13	316.12	313
6	0	165.93	4431	9933	1.60	331.54	326
7	0	196.31	32269	9363	1.54	392.28	385
8	0	233.10	634	6095	1.43	465.86	461
9	0	249.75	145470	7251	1.57	499.15	491
10	0	304.89	6444	3630	1.61	609.40	601
11	0	358.31	326	877	1.97	716.20	712
12	0	362.30	15525	719	1.68	724.20	712
13	0	390.48	452	1245	1.71	780.54	775
14	0	402.58	8997	1900	1.66	815.98	812
15	0	408.20	326	1174	1.77	925.30	920
16	0	462.88	375	1018	1.76	943.58	939
17	0	472.01	337	873	1.81	1021.68	1013
18	0	511.07	986	1571	2.60	1215.61	1207
19	0	608.06	1677	1286	1.87	1347.46	1343
20	0	674.00	185	805	1.94	1347.46	1343
21	0	788.41	120	986	1.30	1576.23	1569

1988 UNIT 2 EMERGENCY PLAN EXERCISE CHEMISTRY DATA

NUCLIDE IDENTIFICATION SYSTEM (SONGS REV 2.1 1/87)

SUMMARY OF NUCLIDE ACTIVITY

TOTAL LINES IN SPECTRUM	103	
LINES NOT LISTED IN LIBRARY	12	
IDENTIFIED IN SUMMARY REPORT	102	103.8%

ACTIVATION GAS

NUCLIDE	SBHB	HLIFE	DECAY	UCI/UNIT	1-SIGMA ERROR
AR-41	AG	1.83H	1.409	9.22E-01	7.00E-04

FISSION GAS

NUCLIDE	SBHB	HLIFE	DECAY	UCI/UNIT	1-SIGMA ERROR
KR-85M	FG	4.8H	1.240	4.72E+01	5.08E-04
KR-87	FG	76.35M	2.145	5.28E+01	8.05E-04
KR-88	FG	2.85H	1.408	8.02E+01	8.30E-04
XE-133	FG	5.25D	1.008	1.03E+03	1.88E-03
XE-133M	FG	2.19D	1.012	2.08E+01	1.76E-03
XE-135	FG	9.09H	1.112	2.62E+02	7.09E-04
XE-135M	FG	15.36M	11.252	3.59E+01	2.02E-03
XE-138	FG	14.17M	8.940	4.06E+00	7.20E-04

ACTIVATION PRODUCT

NUCLIDE	SHBH	HLIFE	DECAY	UCI/UNIT	1-SIGMA ERROR
NA-24	AP	15.03H	1.053	6.75E+00	2.88E-04
MN-56	AP	2.580H	1.347	**KEY LINE NOT PRESENT	
CO-58	AP	70.81D	1.000	DELETED DUE TO INTEFERENCE	
NB-95M	AP	86.68H	1.009	DELETED DUE TO INTEFERENCE	

FISSION PRODUCT

NUCLIDE	SHBH	HLIFE	DECAY	UCI/UNIT	1-SIGMA ERROR
I-131	FP	8.04D	0.005	1.98E+01	3.22E-03
I-132	FP	2.30H	1.397	1.69E+01	3.12E-04
I-133	FP	20.8H	1.047	3.93E+01	2.76E-03
I-134	FP	52.6M	2.997	1.92E+01	2.20E-03
I-135	FP	6.61H	1.520	4.45E+01	2.91E-03
RB-88	FP	17.08M	13.02	1.25E+02	3.10E-03
CS-134	FP	2.06Y	1.000	3.09E-01	1.44E-04
CS-137	FP	30.00Y	1.005	3.88E-01	5.66E-01
CS-138	FP	32.21M	4.159	7.66E+01	1.86E-03
NB-95	FP	35.07D	1.001	1.11E-01	1.26E-04
RU-106	FP	368.2D	1.000	DELETED DUE TO INTEFERENCE	
TE-132	FP	3.25D	1.010	DELETED DUE TO INTEFERENCE	
BA-139	FP	82.7M	1.746	2.85E+00	7.04E-04

TOTAL ACTIVITY = 1.86E+03 uCi/cc

IODINE EQUIVALENCE REPORT

NUCLIDE	ACTIVITY (uCi/cc)	EQUIV FACTOR	I-131 D.E. UCI/UNIT
I-131	1.98E+01	1.000	1.98E+01
I-133	3.93E+01	0.270	1.06E+01
I-134	1.92E+01	0.017	3.25E-01
I-135	4.45E+01	0.084	3.73E+00

I-131/I-133 RATIO = TOTAL ACTIVITY = 3.44E+01
5.03E-01