Donald C. Cook Nuclear Plant

1989

Annual Emergency Preparedness Exercise

September 20, 1989

TABLE OF CONTENTS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

I. INTRODUCTION

In the interest of verifying that the health and safety of Plant staff, Plant visitors and the general public are protected in the event of an accident at the Cook Nuclear Plant, the Indiana Michigan Power Company conducts an annual emergency response exercise. In accordance with the schedule prescribed by the Nuclear Regulatory Commission (NRC) and the Federal Emergency Management Agency (FEMA), the 1989 emergency response exercise will be a "utility only" with only partial participation by state and local agencies.

The exercise is scheduled to be conducted on September 20, 1989 at 0730. It will include mobilization of Cook Nuclear Plant, American Electric Power Service Corporation (AEPSC), and Indiana Michigan Power Company (I&M) personnel. They will demonstrate their ability to respond to an accident at the Cook Nuclear Plant in a coordinated fashion. The intent of the exercise is to demonstrate that these various emergency response organizations are adequately trained to implement their corresponding emergency plans and procedures from respective emergency response facilities.

Specifically unique and challenging to this exercise is the planned first time use of the Cook Plant training simulator and simulated Technical Support Center. The simulated TSC, identical to the real plant TSC but located adjacent to and driven by the training control room simulator, is believed to be one of a kind and is expected to provide excellent Plant Evaluation Team training.

The exercise will be evaluated by assigned observers from AEPSC, the Cook Nuclear Plant and the NRC. A critique will be conducted following the exercise to identify response deficiencies. The critique will be conducted on September 21, 1989, @ 1500 in the Plant Manager's Conference Room. The critique will be attended by exercise Controller/Observers, key exercise participants and NRC observers. Deficiencies identified in the critique shall be documented with subsequent resolution being the responsibility of the Plant and AEPSC Emergency Preparedness Coordinators.

This manual has been prepared to assist exercise Controllers and Observers in the conduct and evaluation of the exercise. This manual contains all information and data necessary to conduct the exercise in a coordinated and efficient manner in the event the simulator becomes unuseable. Since the use of the simulator will provide the

I. INTRODUCTION (CONTINUED)

opportunity for more free-play one caveat to remember is that the timeline in Section VI may not track with the exercise activities as closely as it has with the more artificial, closely controlled timelines used in past exercises.

The Joint Public Information Center (JPIC) has been exercised in the last several Annual Emergency Preparedness Exercises at the Cook Nuclear Plant. During this 1989 exercise, the absence of State and local participation provides the opportunity to thoroughly exercise our Emergency News Center (ENC). The ENC is set up in the Cook Energy Information Center, located on the plant property, and is intended to provide Emergency Public Information in the event of a serious fire, natural disaster, or a nuclear emergency. Normally, upon declaration of a Site Area emergency, Emergency Public Information activities would be transferred to the JPIC, outside the Plume EPZ. However, personnel will be directed to continue operation of the ENC for the duration of this scenario.

Finally, given that the players response should be candid and spontaneous to affect a valid evaluation, this manual must be treated as confidential material. Potential players shall not have prior knowledge of the scenario material in this manual.

II. EXERCISE OBJECTIVES

The exercise objectives dictate the scope of the scenario. The objectives for this exercise were developed based upon the Donald C. Cook Nuclear Plant Emergency Plan Administrative Manual.

Situations will be presented in the scenario to prompt the desired player response for each objective. Where appropriate, specific objectives and criteria for adequate demonstration, have been included in the exercise messages for Controller/Observer use.

DONALD C. COOK NUCLEAR PLANT

1989 EMERGENCY PREPAREDNESS EXERCISE OBJECTIVES

OBJECTIVE

A. OVERALL LICENSEE OBJECTIVES

A-1 Demonstrate the ability of the emergency response organization to implement DCCNP Emergency Plan and Procedures, the I&M Emergency Response Manual and the AEPSC Emergency Response Manual.

A-2 Demonstrate the ability to establish emergency management command and control, and maintain continuity of this function for the duration of the postulated event.

A-3 Demonstrate the ability to establish communications and information flow between DCCNP emergency response facilities and participating offsite agencies.

A-4 Demonstrate the ability to designate subsequent shifts of the emergency response organization.

B. CONTROL ROOM OBJECTIVES

B-1 Demonstrate the ability to recognize symptoms and parameters indicative of degrading plant conditions and to classify degraded conditions as emergencies.

B-2 Demonstrate the ability to initiate notification of off-site authorities and plant personnel.

B-3 Demonstrate communications flow to and from the Technical Support Center.

B-4 Demonstrate the ability to transfer emergency authorities and responsibilities from the on-shift emergency organization to the DCCNP emergency response organization.

C. TECHNICAL SUPPORT CENTER OBJECTIVES

C-1 Demonstrate the ability to activate the facility within one hour of declaration of an emergency requiring facility activation.

C-2 Demonstrate the ability to provide analytical assistance and operational guidance to the Control Room.

C-3 Demonstrate the ability to coordinate on-site activities in response to an emergency.

C-4 Demonstrate the ability to establish and maintain hard copy communications with the EOF and verbal communications with the EOF, OSA, IAG, and ENC.

OBJECTIVE

C. TECHNICAL SUPPORT CENTER OBJECTIVES Cont'd.

C-5 Demonstrate the ability to provide analytical and radiological assistance to the OSA and Control Room.

C-6 Demonstrate the ability to obtain data from the OSTC/PSSD system.

C-7 Demonstrate the ability to request emergency response teams from the OSA.

C-8 Demonstrate the ability to designate a second shift for TSC operation.

C-9 Demonstrate the ability to evaluate the results of TSC/OSA habitability surveys and assess the need to evacuate these facilities.

C-10 Demonstrate the ability to recognize degrading plant conditions and classify plant conditions as an emergency.

C-11 Demonstrate the ability to determine the level of core damage based on plant parameters provided.

C-12 Demonstrate the ability to direct the implementation of site assembly and accountability.

C-13 Demonstrate the ability to display key plant systems status and trends on TSC Status Board.

D. OPERATIONS STAGING AREA OBJECTIVES

D-1 Demonstrate the ability to activate the facility within one hour of declaration of an emergency requiring facility activation.

D-2 Demonstrate the ability to assemble, brief and dispatch the following emergency response team(s):

a. Damage Control Team
b. Post Accident Sampling Team
c. On-Site Radiation Monitoring Team
d. Off-Site Radiation Monitoring Team

D-3 Demonstrate the ability to designate a second shift for OSA operation.

OBJECTIVE

D. OPERATIONS STAGING AREA OBJECTIVES Cont'd

D-4 Each emergency response team assembled and dispatched shall demonstrate the following actions as applicable to the team type and mission:

a. Assembly of tools/equipment
b. Preoperation checks of equipment and communications devices
c. Performance of appropriate radiological precautions
d. Performance of simulation of team mission
e. Post-mission debriefing and radiological controls

D-5 Demonstrate the ability to provide emergency radiological support. As a minimum the following activities should be demonstrated:

a. Establishment of emergency dosimetry and exposure tracking system.

b. Establishment of emergency control points.

c. Performance of habitability surveys prescribed by procedure.

d. Analysis of radiological conditions to be encountered by emergency response teams.

e. Specification of radiological controls and precautions for emergency response teams.

D-6 Demonstrate the ability to perform off-site radiological monitoring. As a minimum, two teams should be dispatched and direct radiation monitoring as well as airborne radioactivity analysis should be demonstrated.

D-7 Demonstrate the ability to perform on-site radiological monitoring in accordance with applicable Emergency Plan Procedures. This monitoring should include direct radiation surveys and analysis of airborne radioactivity.

D-8 Demonstrate the ability to obtain environmental samples in accordance with applicable Emergency Plan Procedures. The following samples should be obtained:

a. Vegetation
b. Soil

D-9 Demonstrate the ability to obtain post accident samples from the reactor coolant system and complete appropriate chemical and isotopic analysis within three hours of the sample request.

D-10 Demonstrate the ability to respond to a contaminated person. Included in this demonstration, personnel decontamination shall be simulated.

OBJECTIVE

E. EMERGENCY OPERATIONS FACILITY OBJECTIVES

E-1 Demonstrate the ability to activate the facility within one hour of declaration of an emergency requiring emergency activation.

E-2 Demonstrate the ability to establish overall command and control of the DCCNP emergency response within one hour of declaration of an alert, site area emergency or general emergency, as applicable.

E-3 Demonstrate the ability to establish and maintain effective emergency communications with each of the following agencies and facilities:

a. NRC (if participating)
b. Technical Support Center
c. Emergency News Center
d. Initial Assessment Group

E-4 Demonstrate the ability to establish and maintain hard copy data transmission and reception with each of the following facilities:

a. Technical Support Center
b. Emergency News Center
c. Initial Assessment Group

E-5 Demonstrate the ability to direct Offsite Radiation Monitoring Teams in order to determine the geographical location and radiological magnitude of any postulated offsite release.

E-6 Demonstrate the ability to designate a second shift for EOF operation.

E-7 Demonstrate the ability to develop protective action recommendations based on projected dose and/or core and containment status.

E-8 Demonstrate the ability to update the State of Michigan on the status of the emergency at 15 minute intervals.

E-9 Demonstrate the ability to respond to inquiries from the TSC, ENC, IAG and State of Michigan in a timely manner.

E-10 Demonstrate the ability to project the magnitude of offsite dose using the Dose Assessment Program and the IBM PS/2 Personal Computer.

E-11 Demonstrate the corporate augmentation of the EOF staff.

E-12 Demonstrate recovery associated with emergency termination.

E-13 Demonstrate the ability to display key plant systems status and trends on EOF Status Boards.

OBJECTIVE

F. PUBLIC AFFAIRS OBJECTIVES

F-1 Demonstrate activation of the Emergency News Center.

F-2 Demonstrate the ability to conduct media briefings.

F-3 Demonstrate the ability to respond to actual or simulated inquiries from media representatives.

III. CONDUCT OF THE EXERCISE

A. EXERCISE PLAYER INFORMATION

This exercise is intended to satisfy the requirements for an annual emergency response exercise to demonstrate the readiness of the Plant to respond to an abnormal Plant condition. The following information should be understood by all players prior to initiation of the exercise.

1. It should be understood that the circumstances simulated for this exercise are unrealistic in certain aspects, which should not be construed as flaws in the scenario. Moreover, it is due to the reliable design and construction of nuclear power facilities that require unrealistic assumptions to be made in order to generate conditions that will affect the general public. Thus, in order to obtain a sequence of events that will result in a significant radiological hazard to the general public, the exercise scenario must contain an incredible Plant condition, an unlikely series of equipment failures, or an improbable sequence of events coupled with equipment failure.

2. The purpose of the exercise is to demonstrate actual integrated emergency response capabilities, including the use of emergency equipment and facilities. Personnel knowledge and familiarity with the Emergency Plan and Procedures are the primary aspect of the evaluation. Demonstration of detailed knowledge of plant systems, equipment and operation is of secondary importance for purposes of this evaluation. Although knowledge of the plant is not being evaluated, system evaluations should not be eliminated from discussions during the exercise since this contributes to the realism of the response.

3. All emergency communications that relate to the exercise shall be identified as part of the drill. Verbal communications should be initiated and closed by the statement, "this is a drill". Exercise extreme care to ensure that individuals who may overhear or observe exercise activities are not misled into believing that an actual emergency exists.

4. Manipulation of any plant operating system, valves, breakers or controls in response to this exercise are to be simulated. There are to be no alternation of plant equipment, systems or circuits in response to this exercise.

5. Any motor vehicle response to this exercise, whether it be ambulance, fire fighting equipment, security or field monitoring vehicle should observe all normal motor vehicle operating laws including posted speed limits, stop lights/signs, one-way streets, etc.

6. Should any on-site security actions be required in response to this exercise, exercise participants are to cooperate as directed, and security representatives are to be prudent and tolerant in their actions.

7. Participants should inject as much realism into the exercise as is compatible with the safe performance of the exercise.

8. Play out all actions, as much as possible, in accordance with the Emergency Plan Procedures. Unless specifically instructed by the controller, you should not simulate your actions. If instructed to simulate an activity, tell the observer/controller how and when you would actually perform the activity.

9. Periodically speak out loud, verbalizing your key actions and decisions to the controller and federal evaluator. This may seem artificial, but it will assist in the evaluation process and is to your benefit.

10. If ever in doubt, ask your controller for clarification. The controller will not provide prompting or coaching information.

11. Periodically the controller will issue messages or instructions designed to initiate response actions. You must accept these messages immediately.

12. You must not accept any messages or instructions from federal evaluators. If they desire to initiate some action, they must work through the controller.

13. If entering radiologically controlled areas, observe all rules and procedures governing access and egress. Do not enter high radiation areas for purpose of exercise response. Follow normal ALARA principles and guidelines.

14. Utilize status boards, log books, three-part message forms, etc., as much as possible to document and record your actions, instructions and reports to co-players.

REMEMBER - PUT IT IN WRITING

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

IV. CONTROLLERS/OBSERVERS INFORMATION

The Controller/Observer group is essential to the successful implementation of the exercise. Controllers are responsible for ensuring the scenario proceeds on schedule by disseminating timely information and maintaining scenario integrity. Observers are responsible for observing, documenting and analyzing players actions. Observers may assume the function of Controller if identified inthe scenario or directed by the facilities lead controller.

A. Control Room

1.	Control Room Lead Controller	R. Stephens
2.	Control Room Observer	I. Fleetwood
3.	EOP Controller	J. Schrader
4.	EOP Observer	B. Davidson

B. Technical Support Center

1.	Exercise Lead Controller	M. Barfelz
2.	TSC Observer	R. Ptacek
3.	Radiological Controller	B. Jepkema

C. Operations Staging Area

1.	OSA Lead Controller	G. Griffin
2.	I&C Controller	T. Walsh
3.	DCT Controller	T. Johnson
4.	DCT Controller	J. Moline
5.	DCT Controller	D. Londot
6.	DCT Controller	W. Lee
7.	RRT/Onsite RMT Controller	H. Springer
8.	RRT/Onstie RMT Controller	D. Gallagher
9.	RP Lead Controller	K. Scherer
10.	Offsite RMT Controller (Counting)	M. Schafer
11.	Offsite RMT Controller (Survey)	J. Paris
12.	Offsite RMT Controller (Survey)	J. Hoss
13.	PASS Team Controller	G. Cook

D. Emergency Operations Facility

1.	EOF Lead Controller	R. Heydenburg
2.	Communications Observer	K. Umphrey
3.	Environmental Assessment Controller	D. Noble

E. Controller/Observer Functions

Controllers and Observers are utilized in this exercise to provide exercise information to the participants and to observe players response. In doing so, the Controllers and Observers should allow players to make, and correct, their own mistakes, while the Controller or Observer identifies the items to improve Plant emergency response capability. However, situations may arise where complete freedom of player response and success of the overall exercise are conflicting objectives. In such cases, the Controller or Observer must ensure proper continuity of the scenario, while identifying problem areas in sufficient detail to allow corrections. Generally, the following rules apply to control of the exercise:

1. Keep the reaction and emergency response going according to the time element established in the scenario.

2. Provide command messages to key personnel as a mechanism to prevent deviation from the scenario.

3. Observe player procedural discipline.

4. Provide prepared input data to players to stimulate response actions.

5. Observe and critique the participants actions, procedure effectiveness, equipment capability and general emergency response.

F. Exercise Controller/Observer Instructions

1. Each Controller/Observer shall participate in exercise briefings and critiques scheduled as follows:

   - September 19, 1989 - 0800, Training Building; Exercise Briefing

   - September 21, 1989 - 1500, Plant Manager's Conference Room; NRC Critique

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 1

APPLICABLE STATION: CONTROL ROOM

DATE OF EXERCISE: _____ TIME INITIATED: _____
EVALUATORS ASSIGNED: _____
_____
_____
_____

LEAD CONTROLLER: _____
CR OBSERVER: _____
EOP CONTROLLER: _____

A. EMERGENCY CLASSIFICATION

	SCENARIO PROJECTED		ACTUAL	
CLASSIFICATION	ECC/EAL	TIME	ECC/EAL	TIME
UNUSUAL EVENT				
ALERT				
SITE AREA EMERG.				
GENERAL EMERG.				

B. NOTIFICATIONS

		YES	NO	N/A
1.	Were the State and County notified within 15 minutes of emergency declaration?	___	___	___
	(Attach completed EXHIBIT-B of PMP 2080 EPP.106)			
2.	Was the NRC notified promptly following State/County notification?	___	___	___
3.	Was Security notified of the declaration?	___	___	___
4.	Was the STA notified and in the Control Room within 10 minutes?	___	___	___
5.	Was PMP 2080 EPP.107, Notification of Plant Personnel, implemented within twenty minutes of declaration?	___	___	___

C. COMMUNICATIONS

	YES	NO	N/A
1. Were the State and County provided 15 minute updates using the Nuclear Plant Accident Notification Form? (attach copies of completed forms)	___	___	___
2. Was communication with the TSC established within one hour of the emergency declaration?	___	___	___

D. PROCEDURAL COMPLIANCE

1. Were one or more of the following implementing procedures referred to as appropriate for the classification?	___	___	___
a. PMP 2080 EPP.102, Unusual Event	___	___	___
b. PMP 2080 EPP.103, Alert	___	___	___
c. PMP 2080 EPP.104, Site Area Emergency	___	___	___
d. PMP 2080 EPP.105, General Emergency	___	___	___

Compliance was judged to be adequate/inadequate (if inadequate, identify deficiencies in the comments section).

2. Was PMP 2080 EPP.108, Initial Dose Assessment, implemented?	___	___	___
a. Were results consistent with scenario projections?	___	___	___
b. Was a protective action recommendation developed based on projected dose?	___	___	___
c. Was the State notified of dose projection results and/or protective action recommendation within 15 minutes?	___	___	___

Compliance was judged to be adequate/inadequate (if inaequate, identify deficiencies in the comments section).

	YES	NO	N/A
3. Were any of the following EPPs implemented?			
a. PMP 2080 EPP.109, Fire Emergency Guidelines	___	___	___
b. PMP 2080 EPP.110, Toxic Gas Release Guidelines	___	___	___
c. PMP 2080 EPP.111, Natural Emergency Guidelines	___	___	___
d. PMP 2080 EPP.112, Personnel Injury	___	___	___
e. PMP 2080 EPP.113, Transportation Accident Involving Radioactive Material	___	___	___

Compliance was judged to be; (list as appropriate)

ADEQUATE	INADEQUATE

(If inadequate, identify deficiencies in comment section).

E. GENERAL ITEMS

1. Emergency kits in the Control Room were adequately equipped?	___	___	___
2. Turnover from SS to oncoming SEC was thorough and documented.	___	___	___
3. Communications and interface with the TSC was adequate.	___	___	___
4. TSC support of Control Room activities was adequate?	___	___	___
5. Operator familiarity with plant procedures (abnormal and EOP's) was adequate?	___	___	___

	YES	NO	N/A
6. Was the OTSC/PSSD system utilized?	___	___	___

F. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

G. COMMENTS

COMMENT NO	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 2

APPLICABLE STATION: TSC LEAD CONTROLLER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

1. Were each of the following actions completed?

		YES	NO	N/A
a.	Turn on lights	___	___	___
b.	Turn on CAM	___	___	___
c.	Turn on ARM	___	___	___
d.	Unlock supply cabinets	___	___	___
e.	Turn on remote TV monitors	___	___	___
f.	Prepare OTSC/PSSD	___	___	___
g.	Prepare RDDS	___	___	___
h.	Update TSC STAFF status board	___	___	___
i.	Establish communications	___	___	___
j.	SEC turnover completed	___	___	___
k.	TSC staff briefed	___	___	___
l.	PMP 2081 EPP.101, EXHIBIT-B criteria satisfied	___	___	___

2. Was the TSC operational within one hour of the emergency declaration? ___ ___ ___

B. GENERAL OPERATION

	YES	NO	N/A
1. Did the Technical Director establish and maintain command and control of TSC activities?	___	___	___
2. Did the Technical Director consdier and/or direct implementation of the following EPP's when appropriate?			
a. PMP 2081 EPP.102, TSC Emergency Communications	___	___	___
b. PMP 2081 EPP.106, On-site Radiological Assessment	___	___	___
c. PMP 2081 EPP.103, Evacuation of Plant Personnel	___	___	___
d. PMP 2081 EPP.216, Barring of the PABX	___	___	___
3. Did the Technical Director, in coordination with the PET, maintain an awareness of emergency conditions and assess the need for re-classification of the emergency periodically?	___	___	___
4. Did the TSC respond to Control Room requests in a timely manner?	___	___	___
5. Were emergency response teams requested in accordance with step 4.6 of PMP 2081 EPP.101?	___	___	___
6. Was the TSC ventilation system operated in accordance with section 4.8 of PMP 2081 EPP.101?	___	___	___
7. If appropriate, was TSC evacuation evaluated in accordance with section 4.9 of PMP 2081 EPP.101?	___	___	___
8. Was the OTSC/PSSD utilized by the TSC staff?	___	___	___
9. Were subsequent shift(s) designated in accordance with section 4.10 of PMP 2081 EPP.101?	___	___	___
10. Did the Technical Director periodically brief the TSC staff on emergency conditions? (A minimum of once per hour is adequate).	___	___	___

C. PLANT EVALUATION TEAM

	YES	NO	N/A
1. Were all members of the PET aware of emergency conditions at all times?	___	___	___
2. Did the PET-Opertions and STA personnel follow Control Room progress in the EOPs?	___	___	___
3. Did the PET-Chemistry and Nuclear personnel assess the core status continually?	___	___	___
4. Did the PET evaluate overall plant conditions and develop appropriate mitigating and/or corrective actions?	___	___	___
5. Was interface of the PET with the Control Room and IAG adequate?	___	___	___

D. GENERAL ITEMS

1. Were materials and equipment in the TSC adequate to facilitate an effective emergency response?	___	___	___
2. Were communications and interface with the OSA adequate?	___	___	___
3. Were communications and interface with the EOF adequate?	___	___	___
4. If the postulated events had actually occurred, would the actions taken by the TSC been adequate to protect the health and safety of plant personnel and the general public?	___	___	___

E. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

F. COMMENTS

COMMENT NO	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 3

APPLICABLE STATION: TSC COMMUNICATIONS OBSERVER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

	YES	NO	N/A
1. Were the following positions staffed within one hour of emergency declaration?			
a. TSC Administrative Coordinator	___	___	___
b. TSC Boardwriter	___	___	___
c. Telecopy Operator	___	___	___
d. OSA Communicator	___	___	___
e. IAG Communicator	___	___	___
f. Public Affairs Liaison	___	___	___
g. Runners (2)	___	___	___
If these positions were not staffed, was compensatory action taken to ensure the function was performed?	___	___	___
2. Did the Boardwriter establish communications with the Control Room and initiate status board update on arrival?	___	___	___

B. GENERAL COMMUNICATIONS ACTIVITIES

1. Did the Administrative Coordinator implement PMP 2081 EPP.102, TSC Emergency Communications?	___	___	___

	YES	NO	N/A
2. Did each communicator follow the general guidance provided in the respective attachment of PMP 2081 EPP.102?			
a. Boardwriter - Attachment 2	___	___	___
b. Telecopy Operator-Attachment 3	___	___	___
c. TSC Runner-Attachment 4	___	___	___
d. IAG Communicator-Attachment 6	___	___	___
e. TSC OSA Communicator-Attachment 6	___	___	___
f. Pub. Affairs Liaison-Attachment 8	___	___	___
3. Was document transmission completed in accordance with Attachment 1 of PMP 2081 EPP.102?	___	___	___
4. Did each of the following communicators appear familiar with applicable EPP's and communications equipment?			
a. Boardwriter	___	___	___
b. IAG Communicator	___	___	___
c. OSA Communicator	___	___	___
d. TSC Scribe	___	___	___
e. Public Affairs Liaison	___	___	___
f. TSC Runners	___	___	___
g. Telecopy Operator	___	___	___
5. Were inquiries received by communicators from other facilities documented and processed in a timely manner?	___	___	___

C. COMMUNICATIONS EQUIPMENT

Document the operability of the following communications equipment. Spot-check telephones and document operability in OTHER section. It may be necessary to question communicators on equipment operability.

EQUIPMENT	OPERABLE	INOPERABLE	PROBLEM NOTED
TELECOPIER			
PHOTO-COPY MACHINE			
TEST-TELE HEADSET			
OSA COMM. PHONE			
IAG COMM. PHONE			
P.A. LIAISON PHONE			
TECH.C DIR. PHONE			
RADIOS			
TV MONITORS			
OTSC/PSSD TERMS			
RDDS TERMINAL			
PLANT PAGE			
OTHER:			

D. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 4

APPLICABLE STATION: TSC RADIOLOGICAL CONTROLLER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

	YES	NO	N/A
1. Was the position of Radiological Assessment Coordinator staffed within one hour of emergency declaration?	___	___	___
2. Was the RDDS system prepared for operation (i.e. energized and appropriate program loaded)?	___	___	___
3. Were the TSC CAM and ARM energized and verified to be in proper working order?	___	___	___

B. RAC IMMEDIATE ACTIONS

1. Did the RAC conduct a review of RDDS monitor indications in accordance with step 4.4.2 of PMP 2081 EPP.106?	___	___	___
2. Did the RAC conduct a review of Westinghouse radiation monitor indications in accordance with step 4.4.3 of PMP 2081 EPP.106?	___	___	___

C. RAC SUBSEQUENT ACTIONS

1. Was the necessity for site evacuation based on site radiological conditions evaluated?	___	___	___
a. If evacuation from item 1 was directed, was PMP 2081 EPP.103 implemented?	___	___	___
b. Were the provisions of PMP 2081 EPP.103 followed for implementation of the evacuation?	___	___	___
2. Did the RAC provide adequate support to the RPD in determining adequate response team protective actions?	___	___	___

	YES	NO	N/A
3. Were appropriate correction factors applied to post-accident samples in accordance with steps 4.5.7 and 4.5.9 of PMP 2081 EPP.106?	___	___	___

D. KI DETERMINATION

1. Was KI considered for application to an emergency response team?	___	___	___
2. Was compliance with PMP 2081 EPP.106, Section 4.6, Potassium Iodide Determination, adequate?	___	___	___
3. Was EXHIBIT-B of PMP 2081 EPP.106 completed?	___	___	___

E. VOLUNTARY OVER-EXPOSURES

1. Was EXHIBIT-D of PMP 2081 EPP.106, completed?	___	___	___
2. Was compliance with PMP 2081 EPP.106, Section 4.7, Voluntary Over-Exposure, adequate?	___	___	___
3. Did the SEC approve the over-exposure request?	___	___	___

F. ALTERNATE RELEASE LEVEL DETERMINATIONS

1. Was compliance with PMP 2081 EPP.107 adequate?	___	___	___
2. Were calculated results in close proximity to scenario predictions?	___	___	___

EFFLUENT	SCENARIO PREDICTIONS	CALCULATED RESULTS

G. GENERAL ITEMS

	YES	NO	N/A
1. Did the RAC provide adequate support to each of the following groups?			
a. Plant Evaluation Team	___	___	___
b. OSA-Radiation Protection Director	___	___	___
c. EOF-Environmental Assessment Director	___	___	___
2. Did the following procedures provide adequate information to the RAC for performance of activities?			
a. PMP 2081 EPP.101, TSC Activation & Operation	___	___	___
b. PMP 2081 EPP.103, Evacuation of Plant Personnel	___	___	___
c. PMP 2081 EPP.106, On-site Radiological Assessment	___	___	___
3. Were adequate supplies, equipment and reference documentation available to perform the RAC function?	___	___	___

H. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

I. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 5

APPLICABLE STATION: OSA LEAD CONTROLLER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

	YES	NO	N/A
1. Was the OSA operational within one hour of the emergency declaration?	___	___	___
2. Were each of the following activities completed?			
a. Turn on North and South Classroom lights	___	___	___
b. Arrange tables and chairs	___	___	___
c. Establish communications	___	___	___
d. Unlock cabinets and offices	___	___	___
e. Control points established at North and South access points	___	___	___
f. PMP 2081 EPP.201, EXHIBIT-B criteria satisfied	___	___	___

B. GENERAL OPERATION

1. Did the OSA Manager establish and maintain command and control of OSA activities?	___	___	___
2. Did the OSA Manager consider and/or direct implementation of the following EPP's when appropriate?	___	___	___
a. PMP 2081 EPP.202, Operation of the Operations Staging Area	___	___	___

		YES	NO	N/A
	b. PMP 2081 EPP.203, Activation of Emergency Response Teams	___	___	___
	c. PMP 2081 EPP.208, Emergency Radiation Protection	___	___	___
3.	Did the OSA Manager maintain an awareness of emergency conditions and brief the OSA staff at least once per hour?	___	___	___
4.	Were the following records maintained accurately and expeditiously?			
	a. Classroom Board	___	___	___
	b. OSA Manager Office Status Board	___	___	___
	c. OSA Manager Log	___	___	___
5.	If the Nuclear Emergency Alarm sounded, were the OSA staff badge numbers and color recorded?	___	___	___
6.	Were subsequent shifts designated in accordance with PMP 2081 EPP.202, Step 4.5.5?	___	___	___
7.	Did the OSA Manager complete PMP 2081 EPP.203, EXHIBIT-D and provide a copy to the RPD and the Skills Supervisor?	___	___	___
8.	Did the OSA Manager provide a copy of EXHIBIT-E of PMP 2081 EPP.203 to the Skills Supervisor.	___	___	___
9.	Were team briefings adequate to establish the team objective, communications, procedures and methods, and equipment involved?	___	___	___
10.	Did the OSA Manager notify the facility that requested the team upon dispatch?	___	___	___

C. GENERAL ITEMS

	YES	NO	N/A
1. Were material and equipment in the OSA adequate to facilitate an effective emergency response?	___	___	___
2. Were communications and interface with the TSC adequate?	___	___	___
3. Were Communications and interface with dispatched teams adequate.	___	___	___
4. If the postulated events had actually occurred, would the actions taken by the OSA have been adequate to protect the health and safety of plant personnel and the general public?	___	___	___

D. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

E. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 6

APPLICABLE STATION: DCT CONTROLLER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATORS ASSIGNED: _____

A. ACTIVATION	YES	NO	N/A
1. Did the RPD brief the DCT on protective measures?	___	___	___
2. Did the skills Supervisor brief the DCT on the task method?	___	___	___
3. Were the following forms completed for each team? (PMP 2081 EPP.203)?			
a. EXHIBIT-D, Response Team Request Form	___	___	___
b. EXHIBIT-E, Team Briefing Form	___	___	___
4. Was EXHIBIT-F of PMP 2081 EPP.203 consulted for team staffing?	___	___	___
5. Was the OSA Manager's Log completed?	___	___	___
6. If applicable, did the RPD consult PMP 2081 EPP.208?	___	___	___
7. Did the OSA Manager or Skills Supervisor notify the appropriate facility upon team dispatch?	___	___	___

B. GENERAL OPERATION

	YES	NO	N/A
1. Did the team inform the OSA of unexpected conditions during enroute, assignment performance, and egress activities?	___	___	___
2. Did the team update the OSA on assignment progress?	___	___	___
3. Did the team report any injured personnel to the OSA?	___	___	___
4. Did the team carefully monitor radiological conditions at all times?	___	___	___
5. Were appropriate emergency actions performed for any of the following:			
a. Turn back dose rate	___	___	___
b. Turn back dose	___	___	___
c. Personnel contamination	___	___	___
6. Was personal contamination monitoring performed in low count rate areas?	___	___	___
7. Were contaminated equipment and anti-C's properly disposed?	___	___	___

C. GENERAL ITEMS

1. Were adequate supplies and equipment conveniently located for each team?	___	___	___
2. Were all briefings adequate?	___	___	___
3. Were all procedures adequate?	___	___	___
4. Did the OSA respond to the TSC and EOF requests in a timely manner?	___	___	___

D. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

E. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR LANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 7

APPLICABLE STATION: REENTRY AND RESCUE TEAM

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATORS ASSIGNED: _____

A. ACTIVATION

		YES	NO	N/A
1.	Did the RPD brief the RRT on protective measures?	___	___	___
2.	Did the Skills Supervisor brief the RRT on the task method?	___	___	___
3.	Were the following forms completed for each team? (PMP 2081 EPP.203)			
	a. EXHIBIT-D, Response Team Request Form	___	___	___
	b. EXHIBIT-E, Team Briefing Form	___	___	___
4.	Was EXHIBIT-F of PMP 2081 EPP.203 consulted for team staffing?	___	___	___
5.	Was the OSA Manager's Log completed?	___	___	___
6.	If applicable, did the RPD consult PMP 2081 EPP.208?	___	___	___
7.	Did the OSA Manager or Skills Supervisor notify the appropriate facility upon team dispatch?	___	___	___

B. GENERAL OPERATION

	YES	NO	N/A
1. Did the team inform the OSA of unexpected conditions while enroute, during assignment performance, and egress?	___	___	___
2. Did the team update the OSA on assignment progress?	___	___	___
3. Did the team report any injured personnel to the OSA?	___	___	___
4. Did the team carefully monitor radiological conditions at all times?	___	___	___
5. Were appropriate Emergency Actions performed for any of the following:			
a. Turn back dose rate	___	___	___
b. Turn back dose	___	___	___
c. Personnel contamination	___	___	___
6. Was personal contamination monitoring performed in low count rate areas?	___	___	___
7. Were contaminated equipment and anti-C's properly disposed?	___	___	___

C. GENERAL ITEMS

1. Were adequate supplies and equipment conventiently located for each team?	___	___	___
2. Were all briefings adequate?	___	___	___
3. Were all procedures adequate?	___	___	___
4. Did the OSA respond to TSC and EOF requests in a timely manner?	___	___	___

D. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

E. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 8

APPLICABLE STATION: ONSITE RMT CONTROLLER/OBSERVER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

		YES	NO	N/A
1.	Did the RPD brief the RMT on protective measures?	___	___	___
2.	Did the Skills Supervisor brief the RMT on the task method?	___	___	___
3.	Were the following forms completed for each team? (PMP 2081 EPP.203)			
	a. EXHIBIT-D, Response Team Request Form	___	___	___
	b. EXHIBIT-E, Team Briefing Form	___	___	___
4.	Was EXHIBIT-F of PMP 2081 EPP.203 consulted for team staffing?	___	___	___
5.	Was the OSA Manager's Log completed?	___	___	___
6.	If applicable, did the RPD consult PMP 2081 EPP.208? (KI assessment or dose extension)	___	___	___
7.	Did the OSA Manager or Skills Supervisor notify the appropriate facility upon team dispatch?	___	___	___

B. GENERAL OPERATION

	YES	NO	N/A
1. Did the team inform the OSA of unexpected conditions while enroute, during assignment performance and egress?	___	___	___
2. Did the team update the OSA on assignment progress?	___	___	___
3. Did the team report any injured personnel to the OSA?	___	___	___
4. Did the team carefully monitor radiological conditions at all times?	___	___	___
5. Were appropriate Emergency Actions performed for any of the following:			
a. Turn back dose rate	___	___	___
b. Turn back dose	___	___	___
c. Personnel contamination	___	___	___
6. Was personal contamination monitoring performed in low count rate areas?	___	___	___
7. Were contaminated equipment and anti-C's properly disposed?	___	___	___

C. MISSION DETAILS

Answer each of the following questions as applicable to the mission.

1. Was PMP 2081 EPP.210, Unit Vent Sampling, adequately implemented	___	___	___
2. Was PMP 2081 EPP.211, Secondary Systems Sampling , adequately implemented?	___	___	___
3. Was PMP 2081 EPP.212, Containment Atmosphere Sampling, adequately implemented?	___	___	___
4. Were prescribed surveys performed and documented in accordance with normal RP procedures?	___	___	___

D. GENERAL ITEMS

	YES	NO	N/A
1. Were adequate supplies and equipment conveniently located for each team?	___	___	___
2. Were all briefings adeqaute?	___	___	___
3. Were all procedures adequate?	___	___	___
4. Did the OSA respond to TSC and EOF requests in a timely manner?	___	___	___

E. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

F. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 9

APPLICABLE STATION: POST ACCIDENT SAMPLING TEAM CONT/OBS

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

		YES	NO	N/A
1.	Did the RPD brief the PAST on protective measures?	___	___	___
2.	Did the Skills Supervisor brief the PAST on the task method?	___	___	___
3.	Were the following forms completed for each team? (PMP 2081 EPP.203)	___	___	___
	a. EXHIBIT-D, Response Team Request Form	___	___	___
	b. EXHIBIT-E, Team Briefing Form	___	___	___
4.	Was EXHIBIT-F of PMP 2081 EPP.203 consulted for team staffing?	___	___	___
5.	Was the OSA Manager's Log completed?	___	___	___
6.	If applicable, did the RPD consult PMP 2081 EPP.208? (KI assessment and dose extension).	___	___	___
7.	Did the OSA Manager or Skills Supervisor notify the appropriate facility upon team dispatch?	___	___	___

B. GENERAL OPERATION

	YES	NO	N/A
1. Did the team inform the OSA of unexpected conditions while enroute, during assignment performance, and egress?	___	___	___
2. Did the team update the OSA on assignment progress?	___	___	___
3. Did the team report any injured personnel to the OSA?	___	___	___
4. Did the team carefully monitor radiological conditions at all times?	___	___	___
5. Were appropriate Emergency Actions performed for any of the following:			
a. Turn back dose rate	___	___	___
b. Turn back dose	___	___	___
c. Personnel contamination	___	___	___
6. Was personnel contamination monitoring performed in low count rate areas?	___	___	___
7. Were contaminated equipment and anti-C's properly disposed?	___	___	___

C. SAMPLING ACTIVITY EVALUATION

1. What form of sample was requested?

   a. RCS Loop _____

   b. CTMT Sump _____

   c. CTMT Atm. _____

2. Was the sample obtained in accordance with applicable Chemistry procedures?	___	___	___
3. Was the technician familiar with the post-accident sampling system and its operation?	___	___	___

	YES	NO	N/A
4. Were sample results available within three hours of the request for sample?	___	___	___
REQUEST TIME: _____ TIME RESULTS AVAILABLE: _____			
5. Were dose rates evaluated in the area of the sample panel periodically?	___	___	___
6. Were radiation surveys performed in the hot lab during sample analysis?	___	___	___
7. Did the technician analyzing the sample practice adequate contamination control techniques?	___	___	___
8. Was sample analysis performed adequately?	___	___	___

D. SCENARIO DEFICENCIES

The following deficiencies in scenario content were noted:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

E. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 10

APPLICABLE STATION: EMERGENCY OPERATIONS FACILITY- LEAD CONTROLLER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A: ACTIVATION

		Yes	No	N/A
1.	Were each of the following actions completed?			
a.	North gate open	___	___	___
b.	EOF unlocked	___	___	___
c.	Cook security notified	___	___	___
d.	Area radiation monitor on	___	___	___
e.	Lights on	___	___	
f.	Copier on	___	___	___
g.	OTSC/PSSD operational	___	___	___
h.	RDDS and IBM terminal operational	___	___	___
i.	Chronological event board being updated	___	___	___
j.	EOF Manager briefing and staff briefing completed	___	___	___
k.	Time designated to establish EOF communications	___	___	___
l.	PMP 2081 EPP.301 EXHIBIT-A requirements satisfied	___	___	___

	Yes	No	N/A
2. Was the EOF operational within one hour of the emergency declaration?	___	___	___

B. GENERAL OPERATION

1. Did the EOF Manager establish and maintain command and control of EOF activities?	___	___	___
2. Did the EOF Manager consider and/or direct implementation of the following EPP's when appropriate?			
a. PMP 2081 EPP.303, Off-site Radiological Assessment	___	___	___
b. PMP 2081 EPP.302, EOF Emergency Communications	___	___	___
3. Was the State Notification Form completed and transmitted every 15 minutes according to the requirements of PMP 2081 EPP.301, Section 4.6?	___	___	___
4. Did the SEC/Recovery Control Manager approve initial or changed Protective Action Recommendations?	___	___	___
5. Did the EOF Manager brief the EOF staff on emergency conditions at least once per hour?	___	___	___
6. Were subsequent shift(s) designated in accordance with PMP 2081 EPP.301, Section 4.7?	___	___	___

C. GENERAL ITEMS

		Yes	No	N/A
1.	Were materials and equipment in the EOF adequate to facilitate an effective emergency response?	___	___	___
2.	Were communications and interface with the TSC adequate?	___	___	___
3.	Were communications and interface with government agencies adequate?	___	___	___
4.	If the postulated events had actually occurred, would the actions taken by the EOF been adequate to protect the health and safety of plant personnel and the general public?	___	___	___

D. INITIAL RECOVERY ACTIVITIES

1.	Were any emergency radiation exposure limit controls terminated and 10CFR20 radiation control measures re-established?	___	___	___
2.	Was a preliminary damage evaluation compiled and priority repairs identified for maintaining a safe shutdown condition?	___	___	___
3.	Was a preliminary assessment made of the scope of decontamination and disposal requirements?	___	___	___
4.	Was the status and disposition of the uneffected unit examined?	___	___	___

E. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

F. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO 11

APPLICABLE STATION: EOF COMMUNICATIONS OBSERVER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

		Yes	No	N/A
1.	Were the following positions staffed within one hour of emergency declaration?			
a.	EOF Communications Director	___	___	___
b.	EOF Boardwriter	___	___	___
c.	Telecopy Operator	___	___	___
d.	EOF Scribe	___	___	___
e.	JPIC Communicator	___	___	___
f.	NRC HPN Communicator	___	___	___
g.	Runners (2)	___	___	___
h.	BCSD Communicator	___	___	___
i.	MSP Communicator	___	___	___
j.	NRC ENS Communicator	___	___	___
	If these positions were not staffed, was compensatory action taken to ensure the function was performed?	___	___	___
2.	Did the Boardwriter establish communications with the Control Room and initiate status board update on arrival?	___	___	___

	Yes	No	N/A
B. GENERAL COMMUNICATIONS ACTIVITIES			
1. Did the Communications Director implement PMP 2081 EPP.102, TSC Emergency Communications?	___	___	___
2. Did each communicator follow the general guidance provided in the respective attachment of PMP 2081 EPP.302?			
a. Boardwriter - Attachment 2	___	___	___
b. Telecopy Operator-Attachment 3	___	___	___
c. EOF Runner-Attachment 4	___	___	___
d. BCSD Communicator-Attachment 6	___	___	___
e. AEPCS Communicator - Attachment 5	___	___	___
f. MSP Communicator-Attachment 7	___	___	___
g. NRC ENS Communicator-Attachment 8	___	___	___
h. NRC HPN Communicator-Attachment 9	___	___	___
i. JPIC Communicator-Attachment 10	___	___	___
j. EOF Scribe-Attachment 11	___	___	___
3. Was document transmission completed in accordance with Attachment 1 of PMP 2081 EPP.302?	___	___	___
4. Did each of the following communicators appear familiar with applicable EPP's and communications equipment?			
a. Boardwriter	___	___	___
b. AEPSC Communicator	___	___	___
c. MSP Communicator	___	___	___
d. BCSD Communicator	___	___	___
e. JPIC Communicator	___	___	___
f. EOF Scribe	___	___	___

	Yes	No	N/A
g. NRC ENS Communicator	___	___	___
h. NRC HPN Communicator	___	___	___
i. Runners	___	___	___
j. Telecopy Operator	___	___	___
5. Were inquiries received by communicators from other facilities documented and processed in a timely manner?	___	___	___
6. Was the Nuclear Plant Accident Notification Form completed accurately every 15 minutes?	___	___	___
7. Was the Nuclear Plant Accident Notification Form transmitted to the MSP every 15 minutes?	___	___	___

C. COMMUNICATIONS EQUIPMENT

Document the operability of the following communications equipment. Spot-check telephones and document operability in OTHER section. It may be necessary to question communicators on equipment operability.

EQUIPMENT	OPERABLE	INOPERABLE	PROBLEM NOTED
TELECOPIER			
PHOTO-COPY MACHINE			
TEST-TELE HEADSET			
AEPSC COMM. PHONE			
BCSD COMM. PHONE			
MSP COMM. PHONE			
COMM. DIR. PHONE			
RADIOS			
JPIC COMM. PHONE			
OTSC/PSSD TERMS			
RDDS TERMINAL			
NRC ENS COMM. PHONE			
NRC HPN COMM. PHONE			
OTHER			

D. COMMENTS

COMMENT NO:	CHECKLIST REFERENCE	COMMENT

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

CHECKLIST NO. 12

APPLICABLE STATION: EOF ENVIRONMENTAL ASSESSMENT CONTROLLER

DATE OF EXERCISE: _____ TIME INITIATED: _____

EVALUATOR: _____

A. ACTIVATION

	Yes	No	N/A
1. Were the following positions staffed within one hour of emergency declaration?			
a. Environmental Assessment Director	___	___	___
b. Environmental Assessment Coordinator	___	___	___
3. Was the EOF ARM energized and verified to be in proper working order?	___	___	___

B. IMMEDIATE ACTIONS

1. Did the EAD/EAC conduct a review of RDDS monitor indications in accordance with Step 4.4.4 of PMP 2081 EPP.303?	___	___	___
2. Was a meteorological forecast obtained in accordance with Step 4.4.1 of PMP 2081 EPP.303?	___	___	___
3. Was a dose projection performed in accordance with PMP 2081 EPP.304, Dose Projection?	___	___	___
4. Were Off-site Radiation Monitoring Teams requested from the OSA?	___	___	___

C. SUBSEQUENT ACTIONS

1. Did the EAC provide adequate support to the EAD in determining adequate off-site dose projections and protective action recommendations?	___	___	___

	Yes	No	N/A
2. Was the State Notification Form completed and transmitted every 15 minutes in accordance with PMP 2081 EPP.303, Attachment 1?	___	___	___
3. Were Off-site RMT's dispatched to confirm off-site radiation levels?	___	___	___
4. Did EAD turnover include the following?			
a. Verbal turnover	___	___	___
b. PMP 2081 EPP.303, EXHIBIT-D, Off-site Radiological Assessment Turnover Checklist	___	___	___
5. Was potassium iodide administration considered for Off-site RMT's in accordance with PMP 2081 EPP.212?	___	___	___
D. OFFSITE DOSE ASSESSMENT			
1. Was a dose projection calculated in accordance with PMP 2081 EPP.304?	___	___	___
2. Did the EAC perform dose assessment in accordance with Section 4.5.3 of PMP 2081 EPP.303 for unmonitored releases?	___	___	___
3. Were the field teams prepositioned for possible escalation of classification?	___	___	___
4. Was the containment LOCA sequence considered for dose projections?	___	___	___
5. Were dose calculations verified by field data?	___	___	___
6. Were dose projections recomputes for every change in meteorological or radiation release data?	___	___	___
7. Did the emergency DAP sign-on procedure work properly?	___	___	___

	Yes	No	N/A
8. Were communications and interface with the Canton Computer Center effective?	___	___	___
9. Did dose assessment personnel fill out the Accident Notification Form in accordance with EXHIBIT-A of PMP 2081 EPP.304?	___	___	___
10. Were calculated results in close proximity to scenario predictions?	___	___	___

TIME	SCENARIO PREDICTIONS	CALCULATED RESULTS

11. Did a protective action recommendation accompany initial notification of general emergency?	___	___	___
12. Were release duration predictions properly incorporated into dose assessment?	___	___	___

E. FIELD MONITORING

1. Was FMT prepositioning performed in accordance with section 4.7.2 of PMP 2081 EPP.303?	___	___	___
2. Was the counting team positioned outside of the plume?	___	___	___
3. Was plume tracking planning effective?	___	___	___

	Yes	No	N/A
4. Was plume definition performed in accordance with Section 4.7 of PMP 2081 EPP.303?	___	___	___
F. PROTECTIVE ACTION RECOMMENDATIONS			
1. Was the dose-saving effectiveness of protective acions considered by the EAD?	___	___	___
2. Was a protective action recommended to the State within 15 minutes of general emergency declaration?	___	___	___
3. Was the Protective Action Worksheet (Attachment 1, PMP 2081 EPP.305) completed in accordance with section 4.4 of PMP 2081 EPP.305?	___	___	___
4. Was the basis for protective action recommendation included on the State Notification Form?	___	___	___
5. If applicable, was the Core/Containment Status Worksheet completed in accordance with Section 4.5 of PMP 2081 EPP.305?	___	___	___
G. GENERAL ITEMS			
1. Did the EAC provide adequate support to each of the following groups?			
a. Field Monitoring Teams	___	___	___
b. OSA-Radiation Protection Director	___	___	___
c. EOF-Environmental Assessment Director	___	___	___
2. Did the following procedures provide adequate information to the EAC for performance of activities?			
a. PMP 2081 EPP.301, Activation and Operation of the Emergency Operation Facility	___	___	___
b. PMP 2081 EPP.304, Off-site Radiological Assessment	___	___	___
c. PMP 2081 EPP.305, Protective Action Recommendations	___	___	___
3. Were adequate supplies, equipment and reference documentation available to perform the EAC function?	___	___	___

H. SCENARIO DEFICIENCIES

The following deficiencies in scenario content were noted:

I. COMMENTS

COMMENT NO.	CHECKLIST REFERENCE	COMMENT

V. OFF-SITE AGENCY PARTICIPATION

This exercise will be a "utility only" exercise wherein only limited offsite agency participation will take place in the form of communications support.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VI. EXERCISE NARRATIVE SUMMARY

INITIAL CONDITIONS:

Equipment/Hardware

- Unit 2AB Emergency Diesel Generator (EDG) out on clearance for governor replacement. EDG went out on overspeed testing on September 19th and is not expected to be repaired before September 21st.
- Evidence of fuel cladding leaks has been worsening over the recent past with present leakage just under plant administrative limits.
- The CVCS cross tie is inoperable to replace the orifice on QFI-201.

System

- Unit 2 is at 100% power.
- Unidentified RCS leakage has been trending upward over the last three days with the latest surveillance test results showing 0.6 gpm leakage. This was completed at 0400 hrs the morning of 9-20-89. The mid-night shift performed those tasks outlined in the "Excess Leakage Procedure", 2-OHP 4022.002.004, but were unable to either isolate or determine the source of leakage.

  1. Lab requested to check activity level of Steam Generator blowdown. Results reported at 0600 hrs indicate no primary to secondary leakage.
  2. The operators on mid-shift switch letdown over to excess letdown in an attempt to identify the leakage source. The results were inconclusive in identifying the leakage source.
  3. Waste inventory was checked and found to be constant over the last 24 hours except for 420 gallons pumped out of the lower containment sump.
  4. Reactor Coolant Filters and Seal Water Filter were checked for proper line-up and found to be properly aligned.

5. During the bi-monthly inspection of the Pipe Tunnel Sump nothing was found that would identify the source of the leakage.

6. The levels of the Pressurizer Relief Tank and Reactor Coolant Drain Tank were trended to determine in-leakage. No leaks were indicated.

- The Unit has been operating at 100% rated thermal power for the last 198 days.

- A second "Reactor Coolant System Leak Test", 2-OHP 4030 STP.016 was started at 0500 hours on 9-20-89 to verify the leakage found at 0400 hours. This test is underway and should be completed by the day shift operators around 0800 hours.

- ERS-2300/2400 setpoints have been set upward.

- Boron concentration is 11 ppm.

- Cycle Burnup = 17,500 MWD/MTU. EFPD = 399

- Primary coolant activity is:

Ar 41	7.4 E-2 µCi/cc	Kr 85m	4.0 E-1 µCi/cc
CS 134	8.1 E-2 µCi/cc	Kr 87	6.9 E-1 µCi/cc
CS 137	1.8 E-1 µCi/cc	Kr 88	9.5 E-1 µCi/cc
I 131	2.0 E-1 µCi/cc	Rb 88	6.4 E0 µCi/cc
I 132	4.2 E-1 µCi/cc	Xe 133	5.0 E0 µCi/cc
I 133	4.6 E-1 µCi/cc	Xe 131	2.6 E-2 µCi/cc
I 134	7.9 E-1 µCi/cc	Xe 135	7.5 E-1 µCi/cc
I 135	6.0 E-1 µCi/cc	Xe 135m	6.2 E-1 µCi/cc

- Meteorological conditions for typical September morning are:

1. Temperature 53°F

2. Wind Speed 2-5 mph

3. Wind direction 300-330

4. No precipitation

- Both 50 and 150 pound auxiliary steam headers are being supplied by Unit 1.

VI. EXERCISE NARRATIVE SUMMARY

REAL TIME	SCENARIO TIME	EVENT/CONDITION
		Initial Conditions:
0730	00:00	• Turn-over from 12 - 8 crew (controllers). Problem with RCS leakage and steps taken to find leak discussed.
0800	00:30	• Unit 2 operators finish reactor coolant system leakage surveillance (2-OHP 4030 STP.016) which gives a result of 1.4 gpm.
0810	00:40	• UNUSUAL EVENT DECLARED (optional). ECC-14 leakrate in excess of Technical Specifications. Operators may elect to shut-down Reactor.
0827	00:57	• A step change in RCS leakage has occurred (approx. 400 gpm) which results in the necessity of starting a second charging pump to maintain pressurizer level. Simultaneously the following occur: • Ice Condenser Doors open. • Receive upper containment high pressure alarm • Receive low pressurizer level deviation alarm.
0829	00:59	The operators start a second charging pump to maintain pressurizer level.

VI. EXERCISE NARRATIVE SUMMARY (CONTINUED)

REAL TIME	SCENARIO TIME	EVENT/CONDITION
0831	01:01	Controlled unit shutdown initiated as per 2-OHP 4022.002.004, Excessive Reactor Coolant Leakage.
0833	01:03	Reactor trips on Low RCS Pressure due to inability to maintain pressurizer level. Safety Injection Phase A is received due to low RCS/high containment pressure. The following active failures occur upon receipt of SI signal: • Rod G-3 stuck out Shutdown Bank B, Group 1 • Relay K602 in safeguards cabinet fails. ("N" Train battery charger was not stripped from the 600V bus. Other symptoms of the failure will be evident as time goes on.) • U2-Control Room Pressurization Fan did not start. • Relay K610 also fails which results in "A" Train ECCS pumps failing to start. All pumps should be manually started by the operator. The east motor driven aux. feed pump starts but instantaneously trips on overload.
0839	01:09	Resetting of SI signal attempted. "A" Train components fail to reset due to malfunctioning K602 relay. "B" Train components reset.

VI. EXERCISE NARRATIVE SUMMARY (CONTINUED)

REAL TIME	SCENARIO TIME	EVENT/CONDITION
0840	01:10	ALERT DECLARED based on ECC-14/4-Inability to maintain pressurizer level above 22% with one charging pump.
0850	01:20	Containment Spray actuated (Phase B) when containment pressure reaches 2.9 psig.
0855	01:25	Reactor coolant pumps manually tripped due to loss of thermal barrier and seal injection flow .
0900	01:30	SITE AREA EMERGENCY declared as per ECC-14 due to SI initiation followed by containment spray.
0903	01:33	Began natural circulation cool down due to loss of RCPs.
0910	01:40	TSC and OSA should be activated by this time.
0919	01:49	Natural circulation cool down confirmed by hot leg/cold leg temperature differentials.
0925	01:55	Post Accident Sampling Team dispatched.
0930	02:00	EOF should be activated by this time.
0942	02:12	East RHR pump is started to establish recirculation from the containment sump seal ruptures resulting in 20 gpm leak.

VI. EXERCISE NARRATIVE SUMMARY (CONTINUED)

REAL TIME	SCENARIO TIME	EVENT/CONDITION
0943	02:13	Received containment vent stack alarm.
0945	02:15	RHR pump room sump level alarm is received and a damage control team requested to check on RHR pump level.
1007	02:37	K602 jumpered to permit SI reset.
1010	02:40	Reset Phase "A" and "B" and Safety Injection.
1015	02:45	Isolated Boron Injection Tank
1020	02:50	Charging flow is realigned from Boron Injection Tank (BIT) to normal charging line flow path.
1022	02:52	Due to the inability to maintain pressurizer level/pressure, BIT injection is reestablished.
1025	02:55	Begin post LOCA cooldown by natural circulation due to absence of reactor coolant pumps.
1030	03:00	To terminate release, the East RHR pump is shut off and the suction line from recirculation sump isolated resulting in removal of east containment spray pump from service due to loss of its suction source.

VI. EXERCISE NARRATIVE SUMMARY (CONTINUED)

REAL TIME	SCENARIO TIME	EVENT/CONDITION
1033	03:03	Release Terminates
1035	03:05	Establish approximately 50°F/hr. cooldown rate using the steam generator PORVs for heat removal.
1200	04:30	Accumulators are isolated as RCS pressure decreases below 1000 pounds.
Ongoing During Cooldown		RCS pressure is reduced as cooldown continues using the pressurizer PORVs venting to the Pressurizer Relief Tank.
1206	04:36	Post Accident Sampling Team reports their sampling results.
1330	06:00	RCS has been cooled to 350°F and depressurized to 400 psi which allows RHR cooling to be initiated.
1335	06:05	Initial recovery process begins.
1400	06:30	Exercise terminates.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VII. EXERCISE MESSAGES AND PLANT DATA SHEETS

A. PLANT DATA CURVES

B. CONTROLLERS MESSAGES

C. OTSC LOG DATA

D. THERMOCOUPLE MAPS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VII. A. PLANT DATA CURVES

This section provides Control Room and TSC Controllers with selected primary and secondary plant parameters in graphic format. Controllers will provide time specific data upon request from participants.

TABLE OF CONTENTS

DONALD C. COOK NUCLEAR PLANT

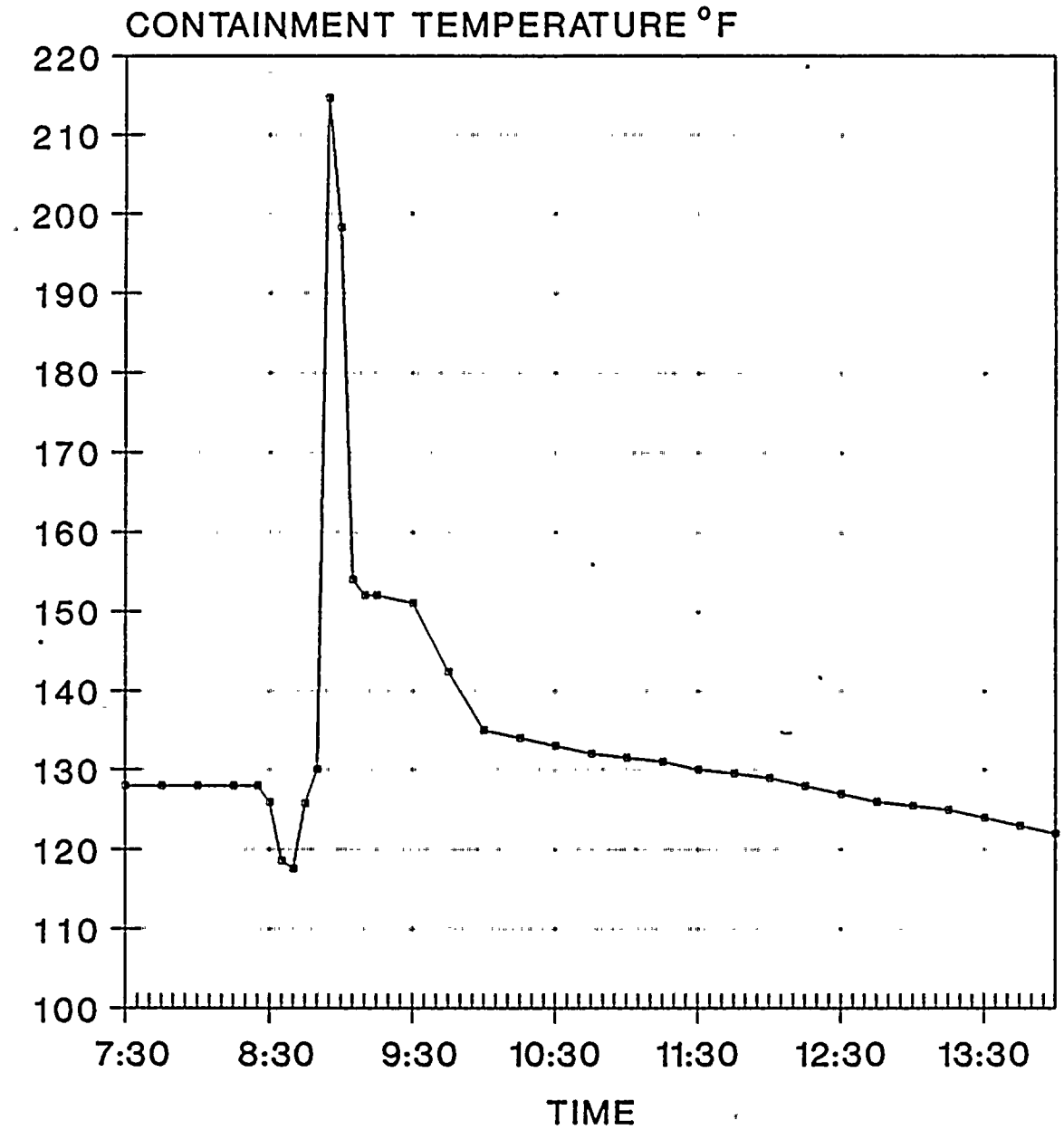
EMERGENCY RESPONSE EXERCISE

VII. A. PLANT DATA CURVES (CONTINUED)

GRAPH	PARAMETER
19	Pressurizer Steam Temperature
20	Pressurizer Level
21/22/23	PRT Temperature, Level & Pressure
24/25	Pressurizer Heater Status
26	Letdown Flow
27	Saturation Margin
28	T-HOT, Wide Range
29	T-COLD, Wide Range
30	Steam Generator Pressure
31	Steam Generator Level, (NR)
32	Steam Generator Level, (WR)
33	Steam Flow
34	Feed Flow
35	Auxiliary Feed Flow
36/38	Steam Flowpath, Atmos/Dump
37	Condensate Storage Tank Level

Parameters not addressed graphically, but which are significant to the scenario are given in appropriate messages.

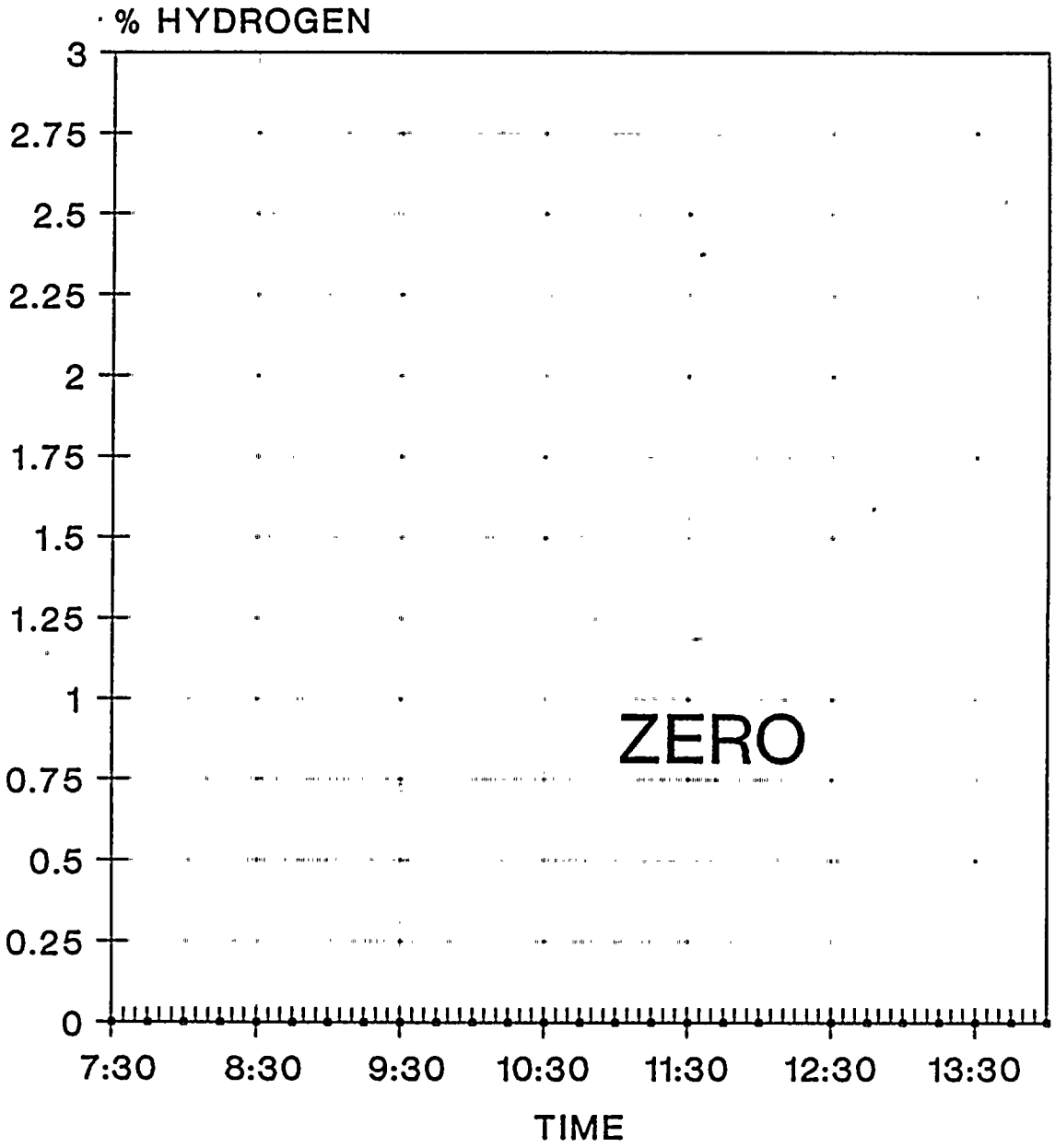
CONTAINMENT TEMPERATURE
PRESSURIZER COMPONENT
VS. TIME



20SEP89

THIS IS A DRILL

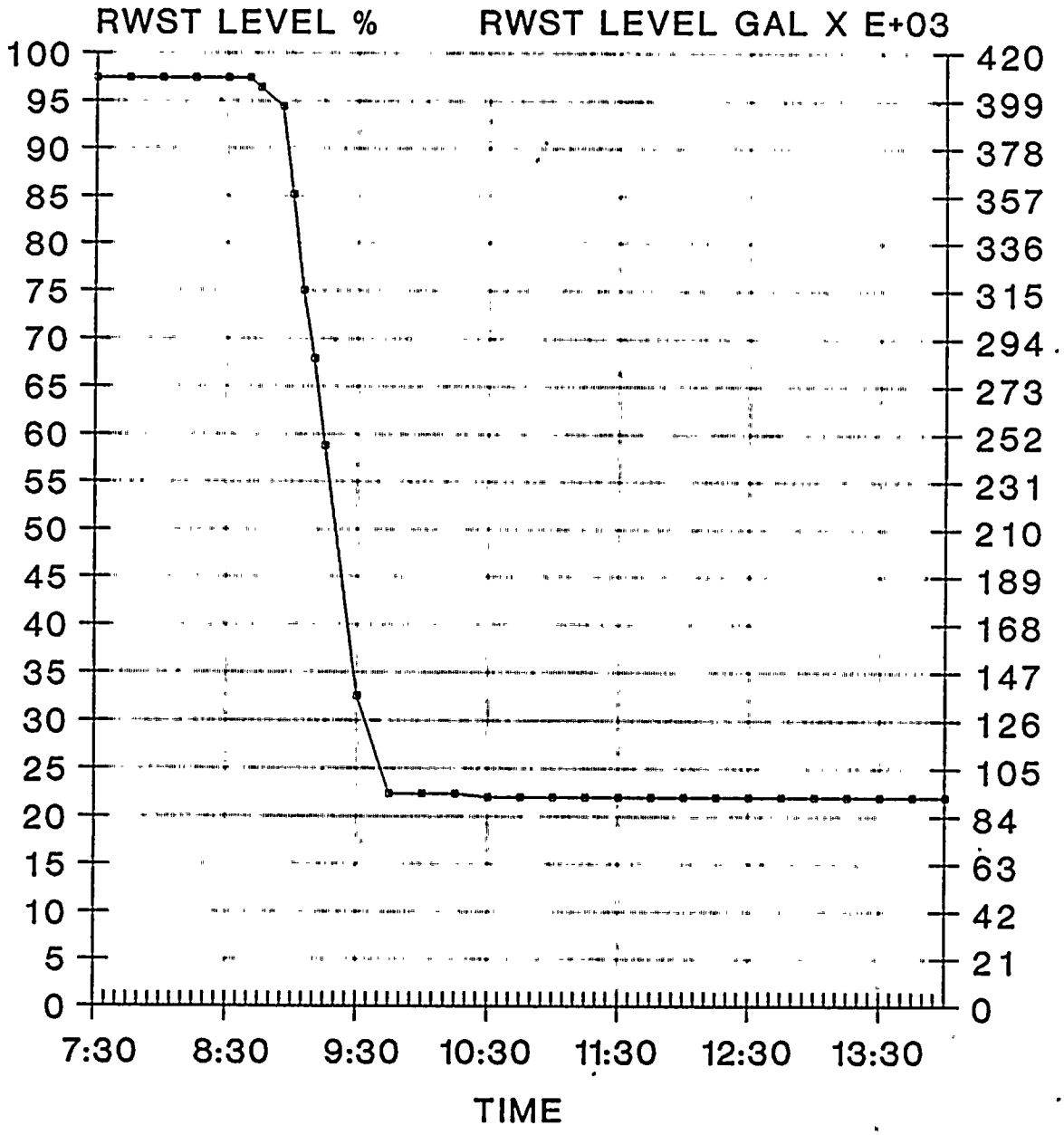
CONTAINMENT H_2 CONC. VS. TIME



20SEP89

THIS IS A DRILL

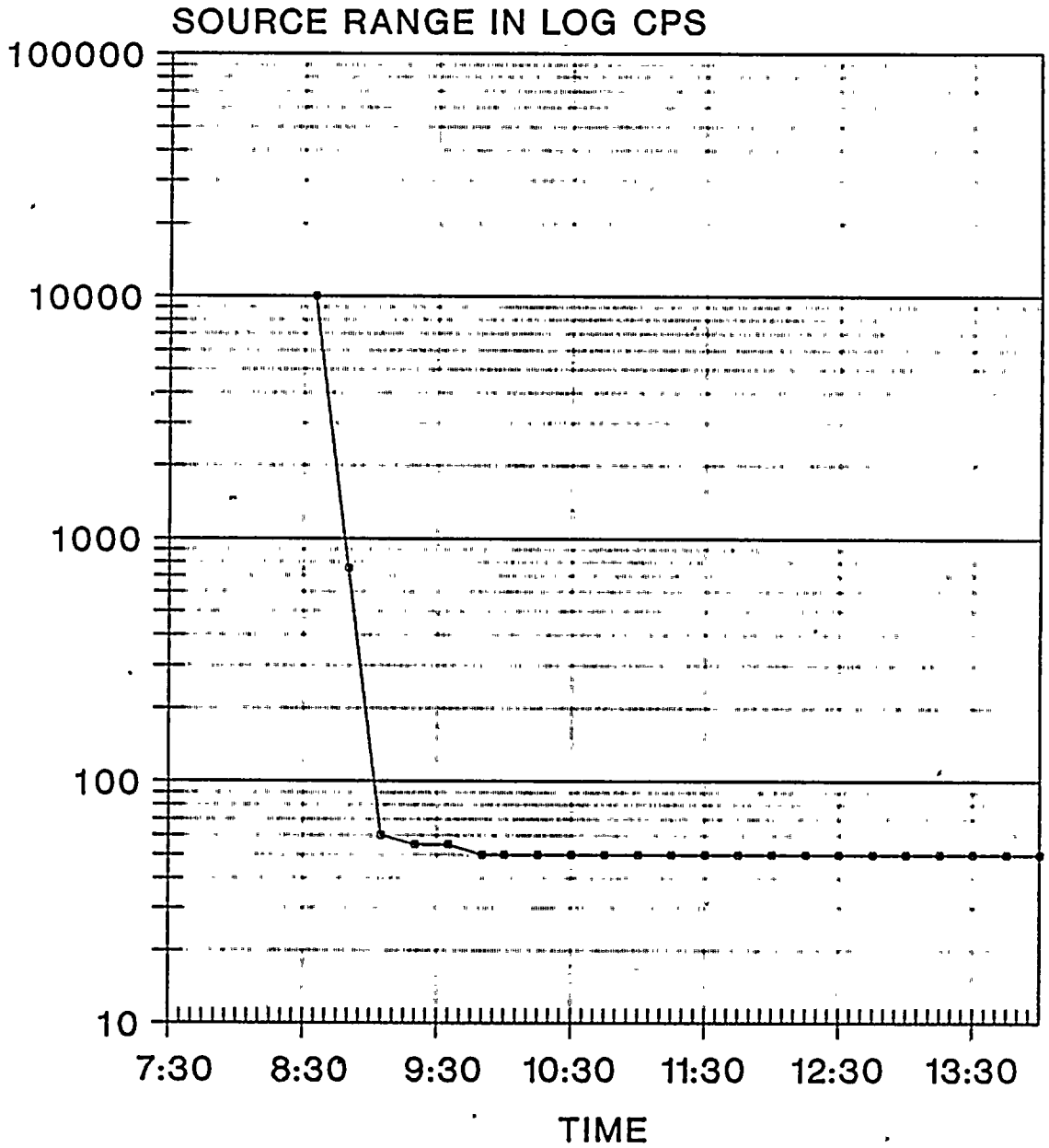
REFUELING WATER STORAGE TANK (RWST) LEVEL VS. TIME



20SEP89

THIS IS A DRILL

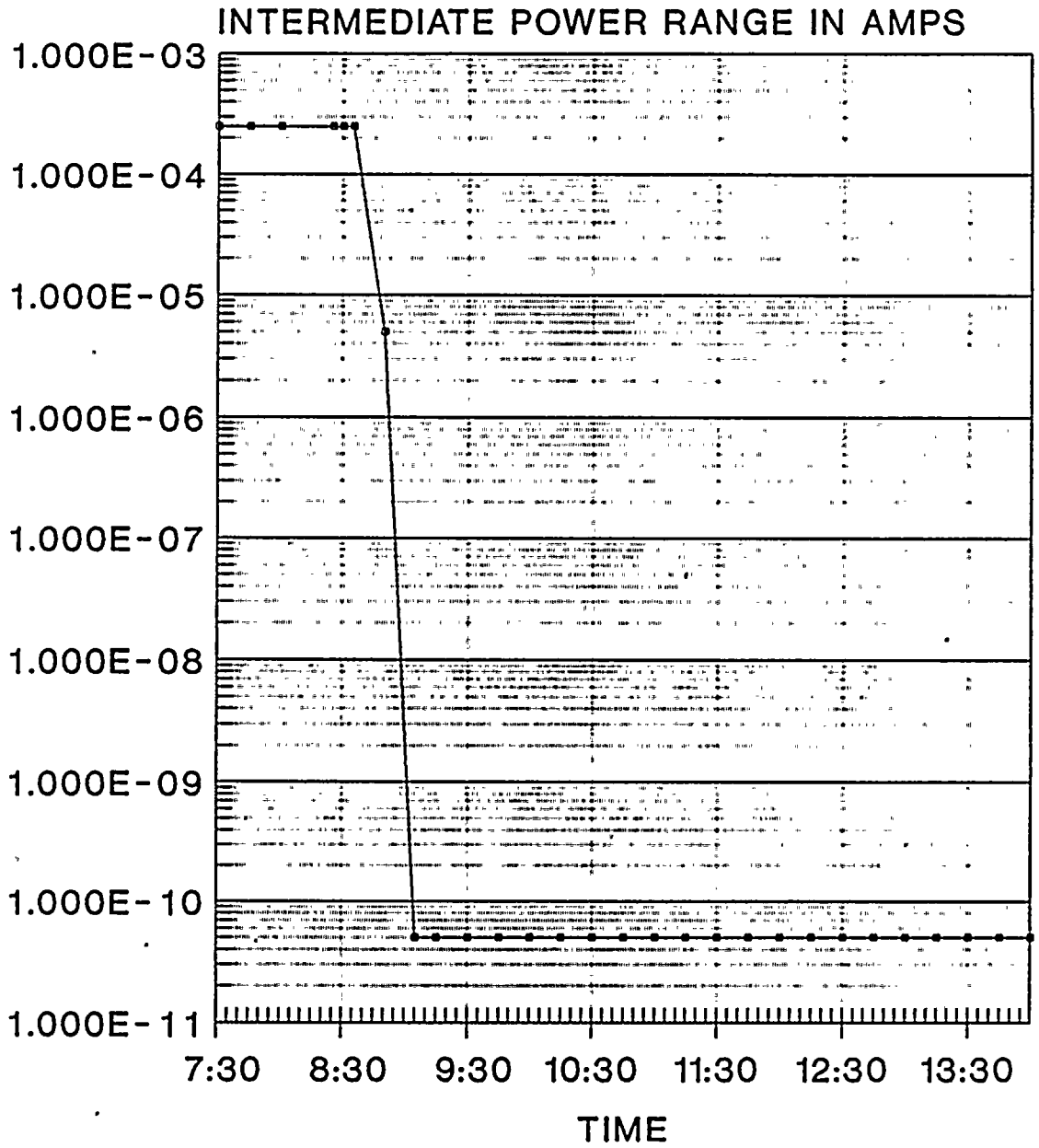
SOURCE RANGE
VS.
TIME



20SEP89

THIS IS A DRILL

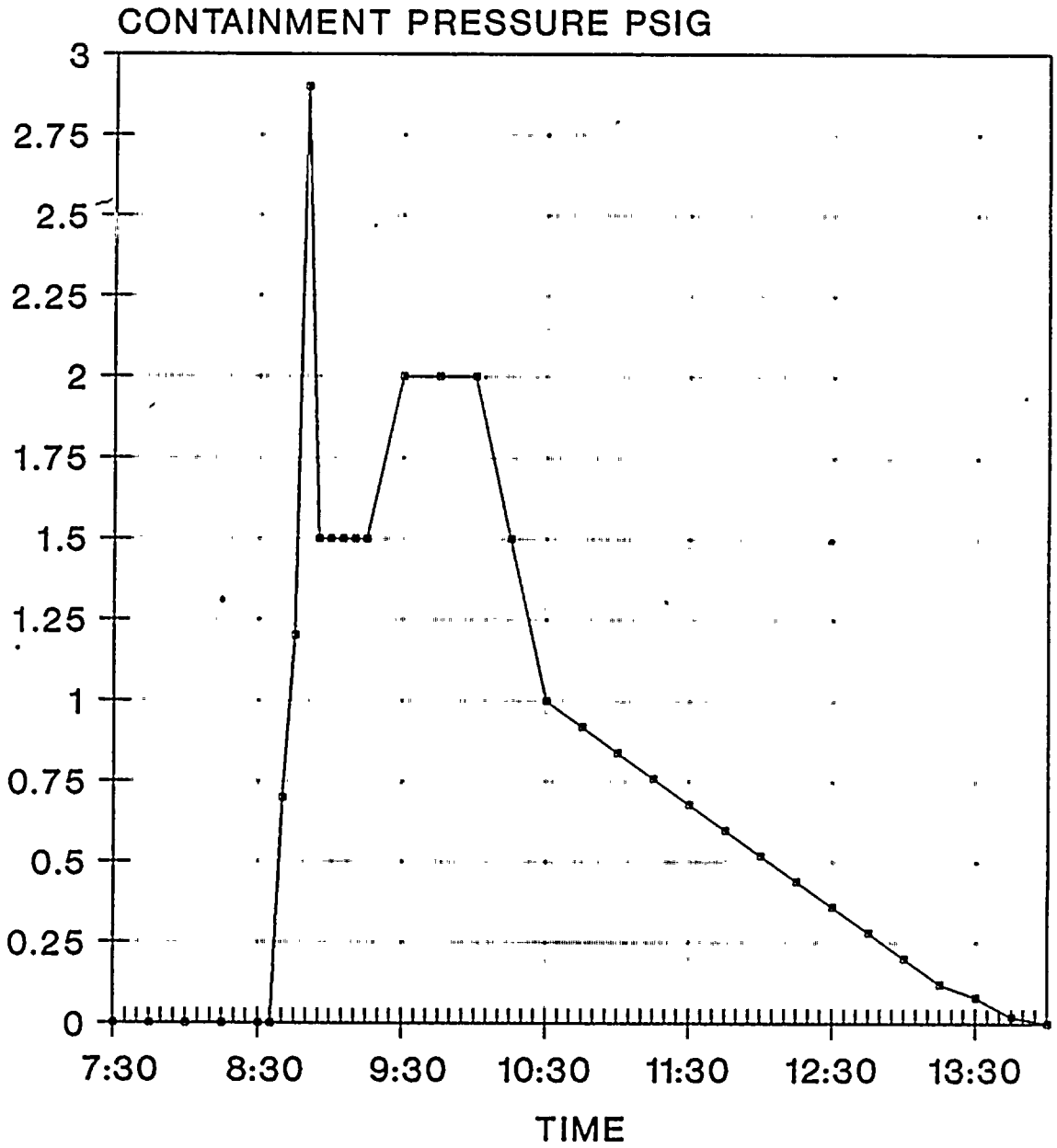
INTERMEDIATE POWER RANGE
VS.
TIME



20SEP89

THIS IS A DRILL

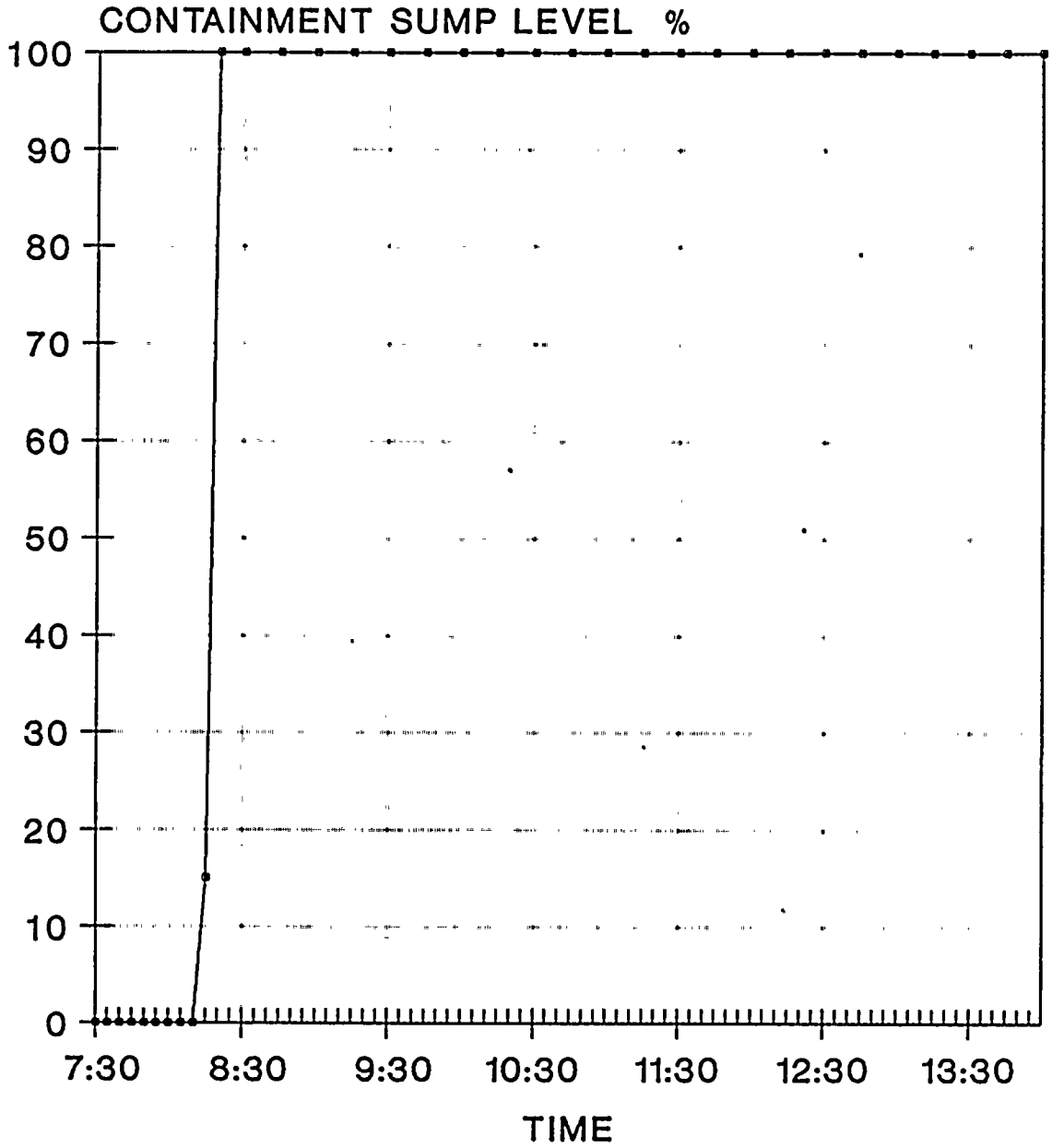
CONTAINMENT PRESSURE
VS.
TIME



20SEP89

THIS IS A DRILL

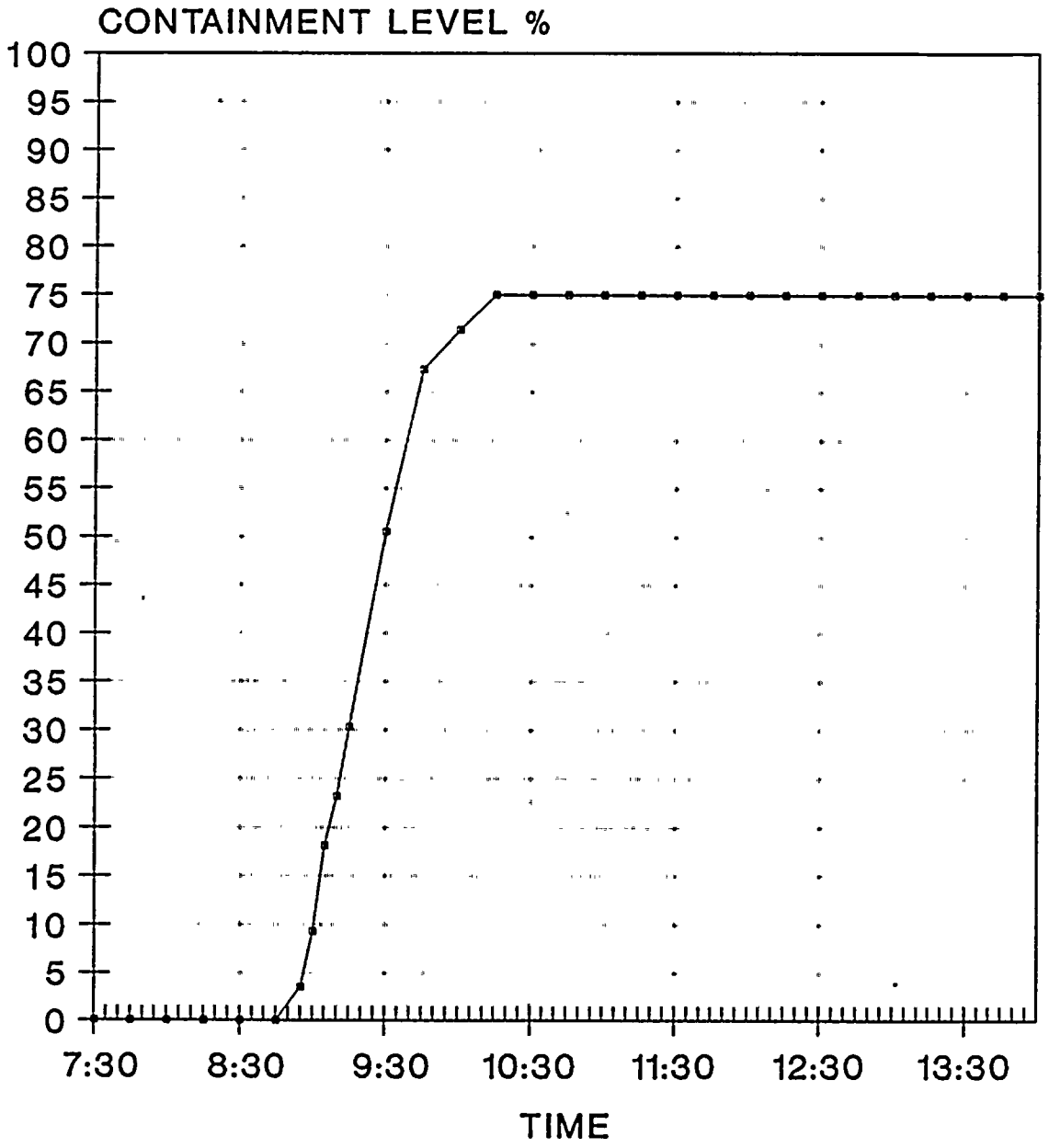
CONTAINMENT SUMP LEVEL
VS.
TIME



20SEP89

THIS IS A DRILL

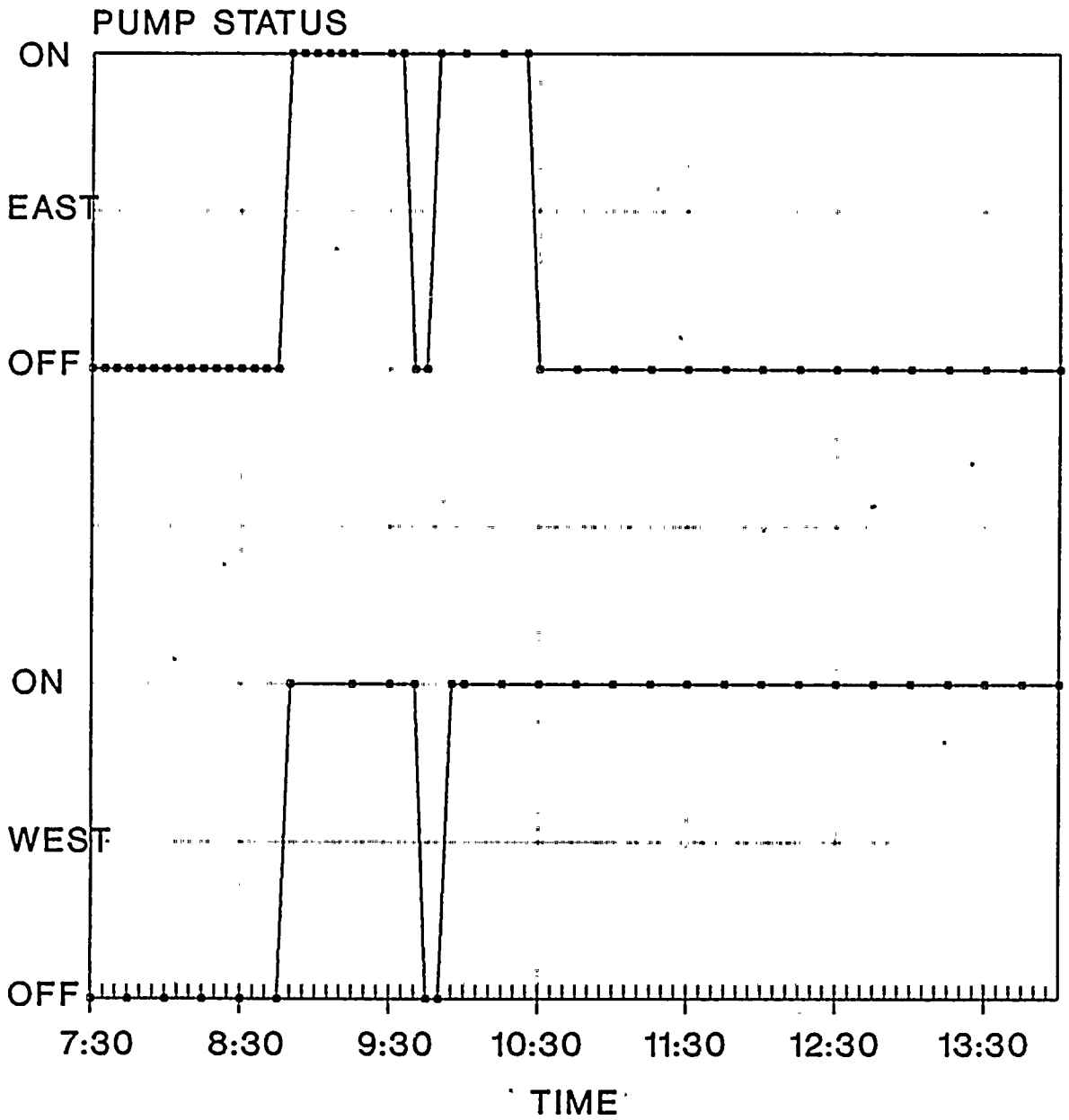
CONTAINMENT LEVEL
VS.
TIME



20SEP89

THIS IS A DRILL

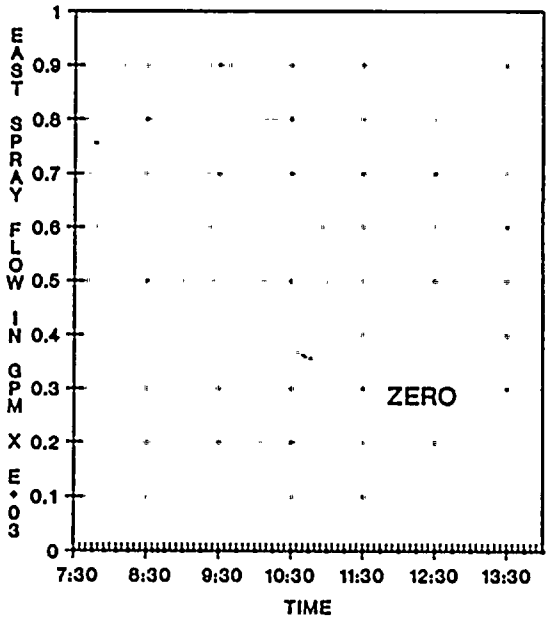
CTS PUMP STATUS
VS.
TIME



20SEP89

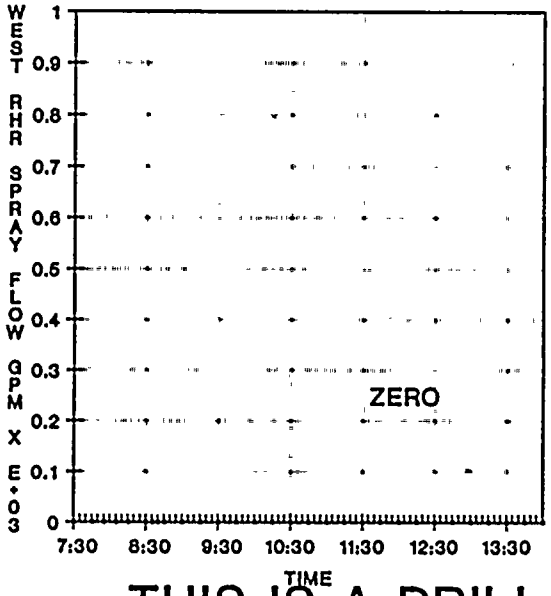
THIS IS A DRILL

EAST RHR SPRAY FLOW
VS. TIME



20SEP89

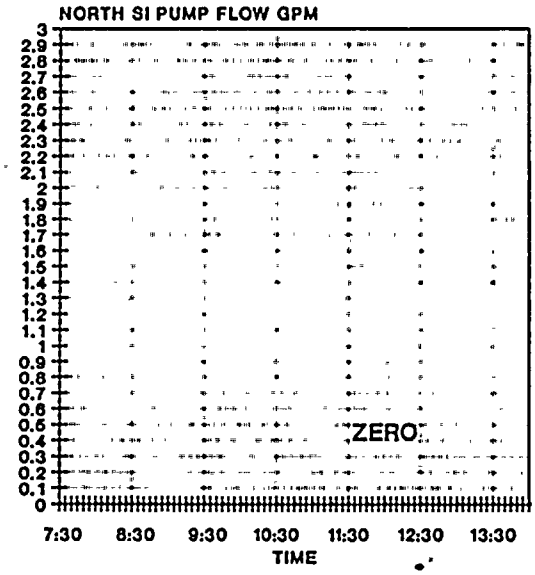
WEST RHR SPRAY FLOW
VS.
TIME



20SEP89

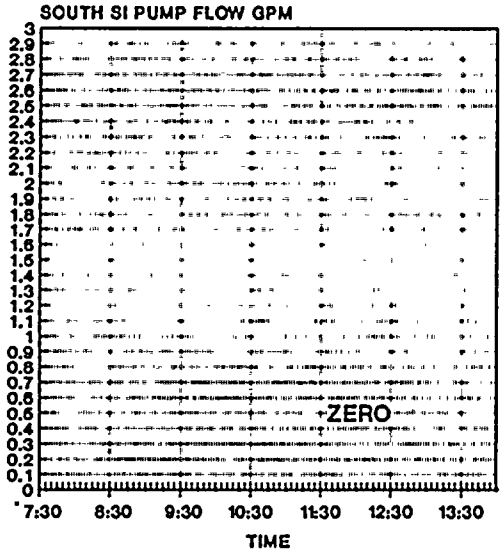
THIS IS A DRILL

SAFETY INJECTION PUMP FLOW
VS.
TIME



20SEP89

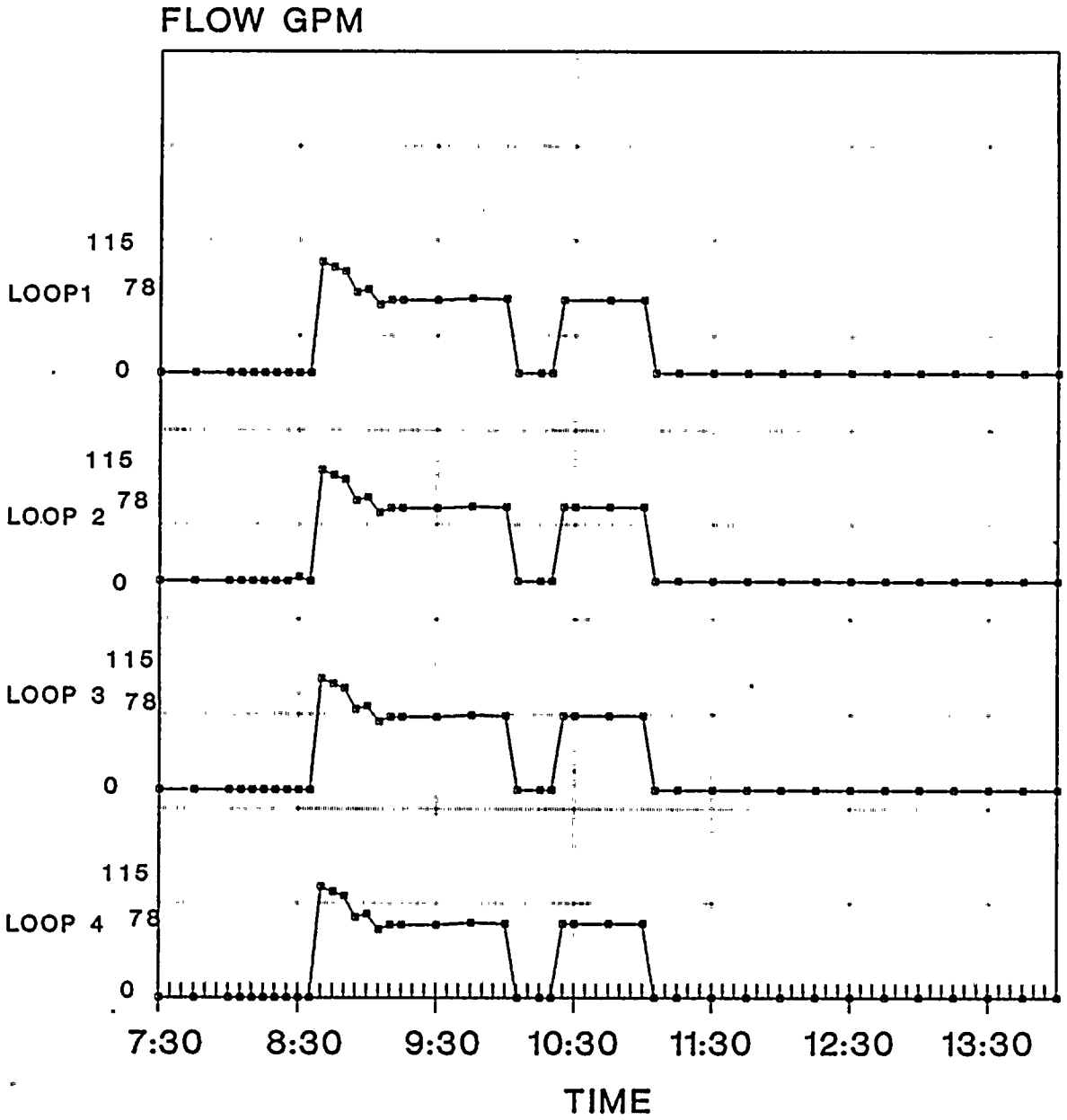
SAFETY INJECTION PUMP FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

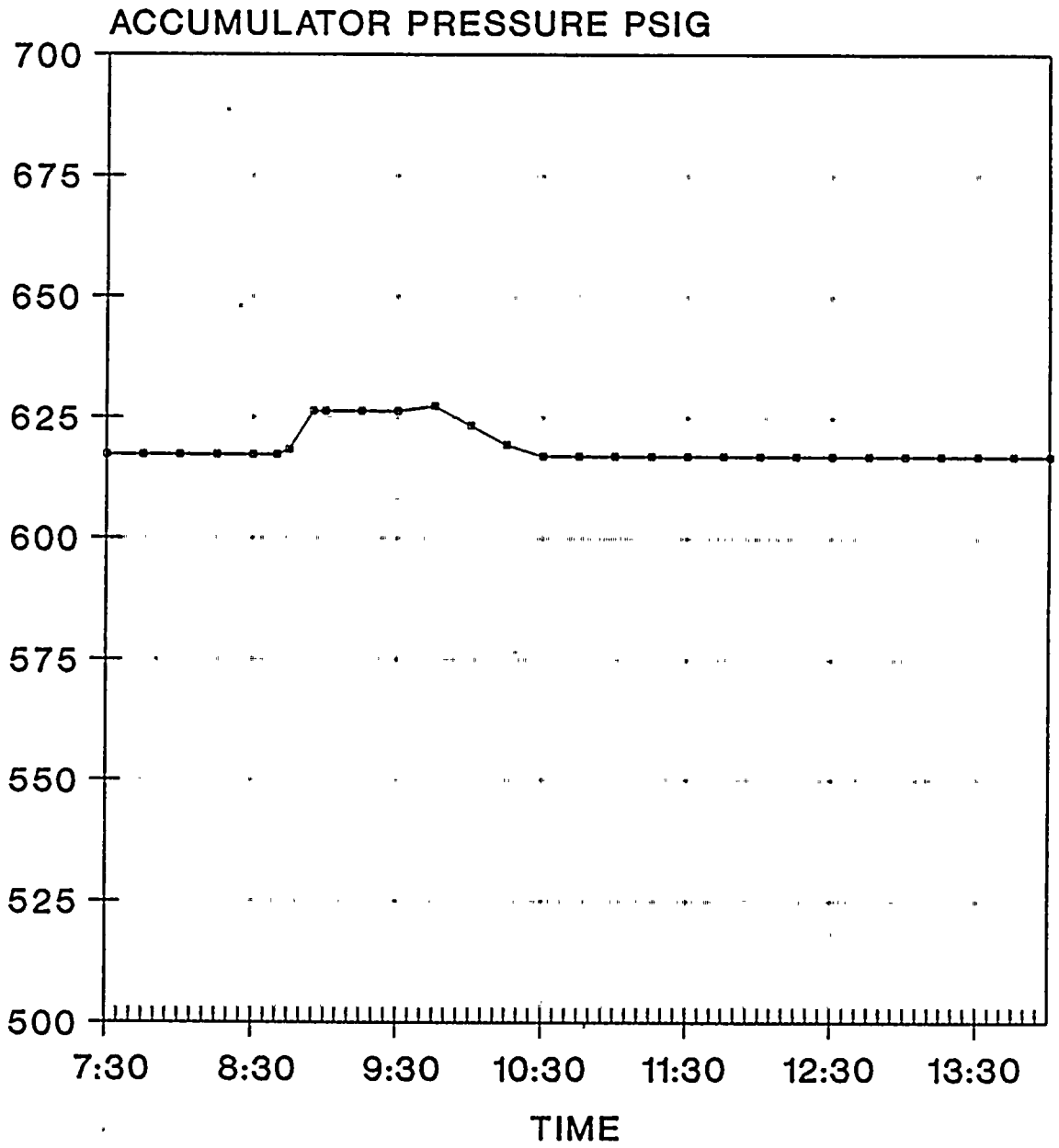
BORON INJECTION FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

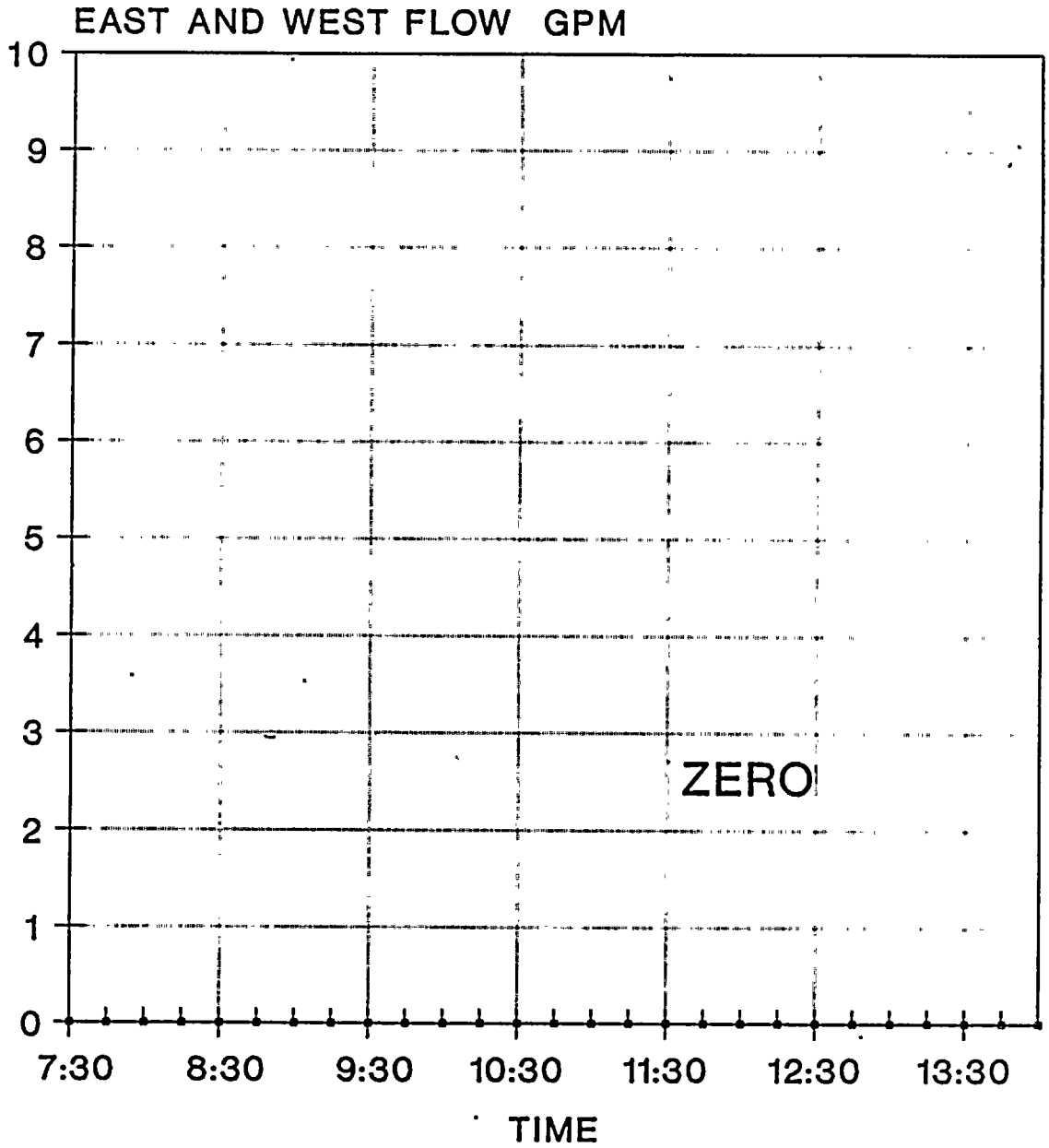
ACCUMULATOR PRESSURE
VS.
TIME



20SEP89

THIS IS A DRILL

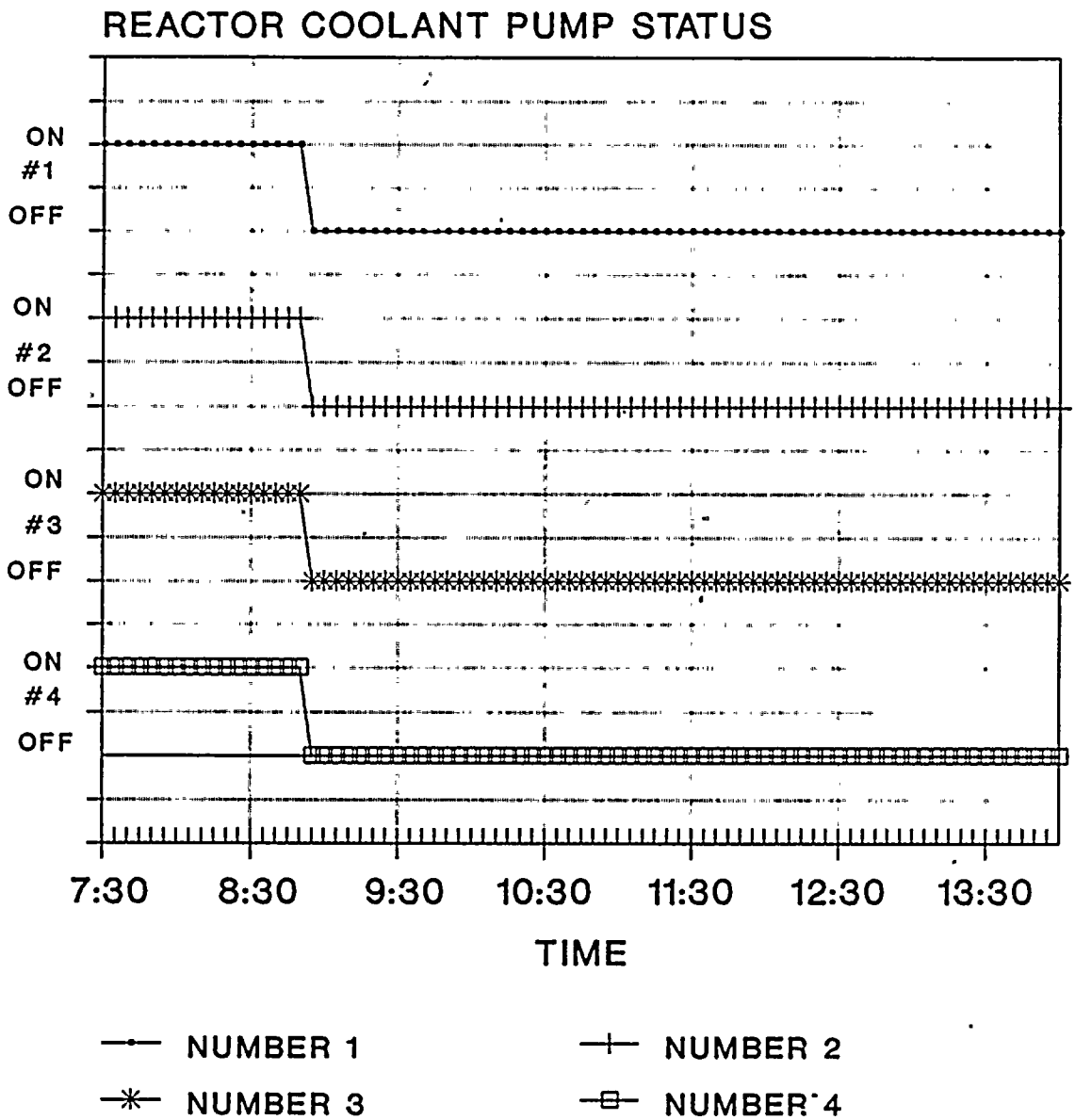
RHR INJECTION FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

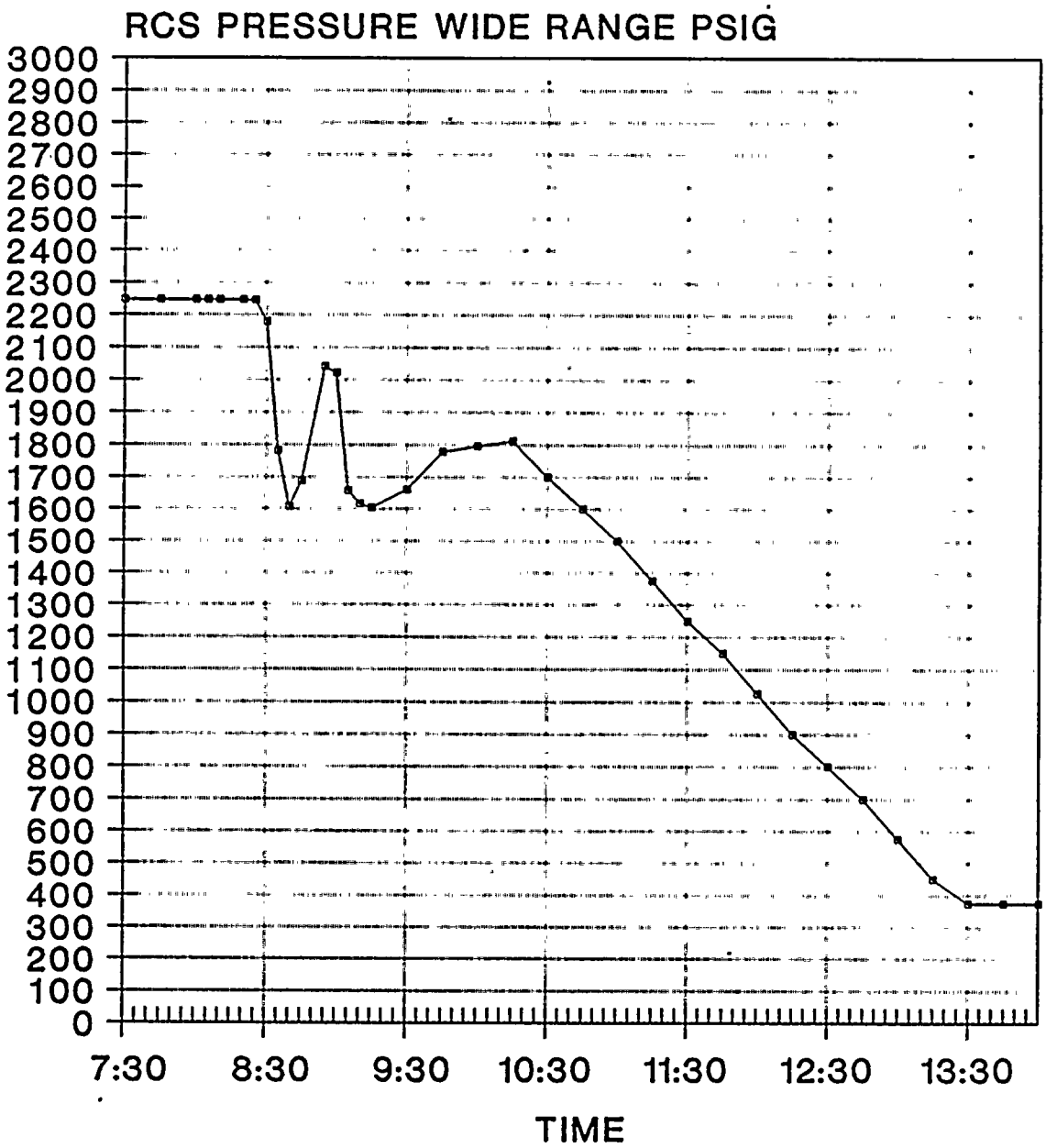
REACTOR COOLANT PUMP STATUS
VS.
TIME



20SEP89

THIS IS A DRILL

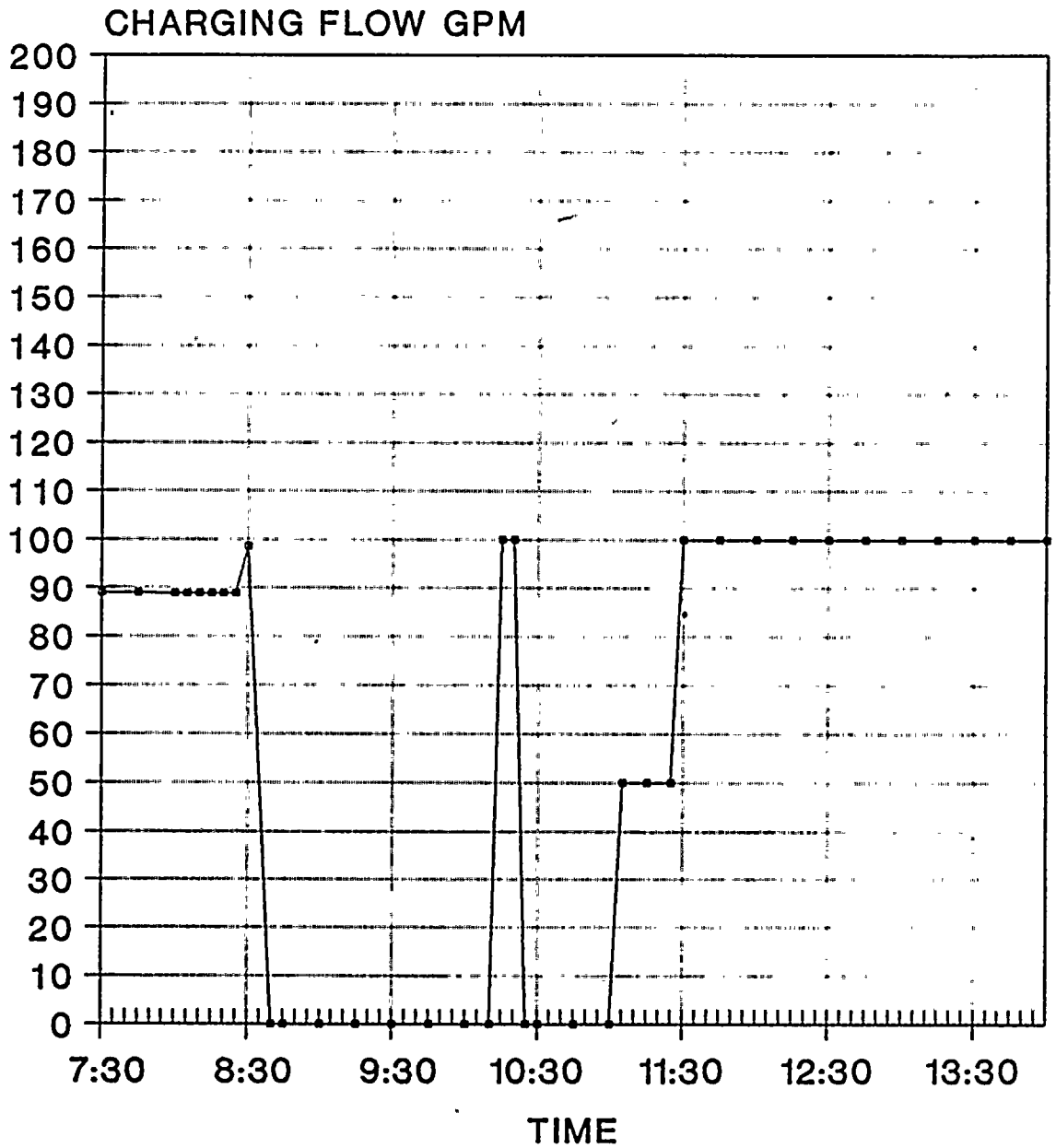
REACTOR COOLANT SYSTEM PRESSURE (W.R.) VS. TIME



20SEP88

THIS IS A DRILL

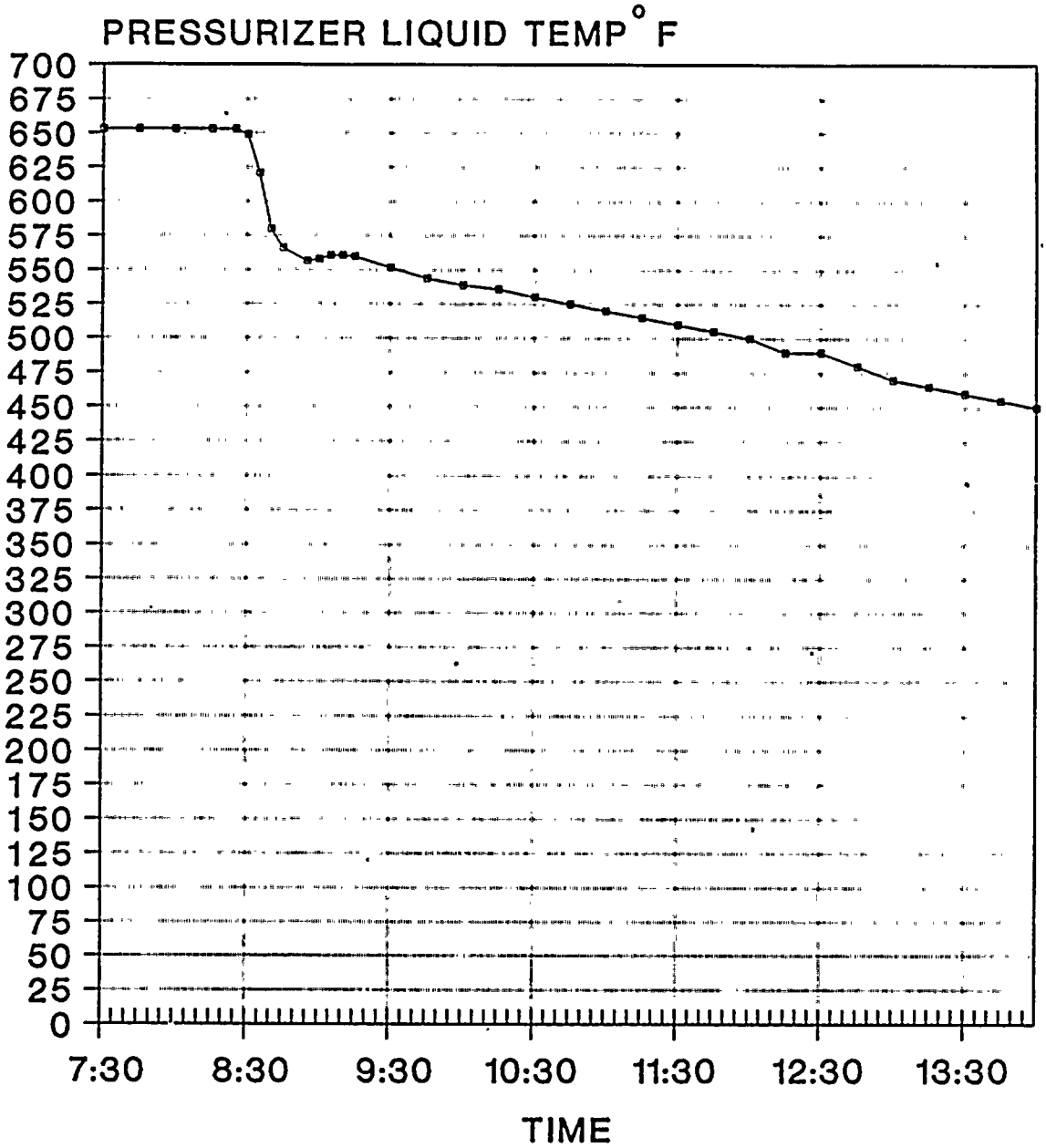
CHARGING FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

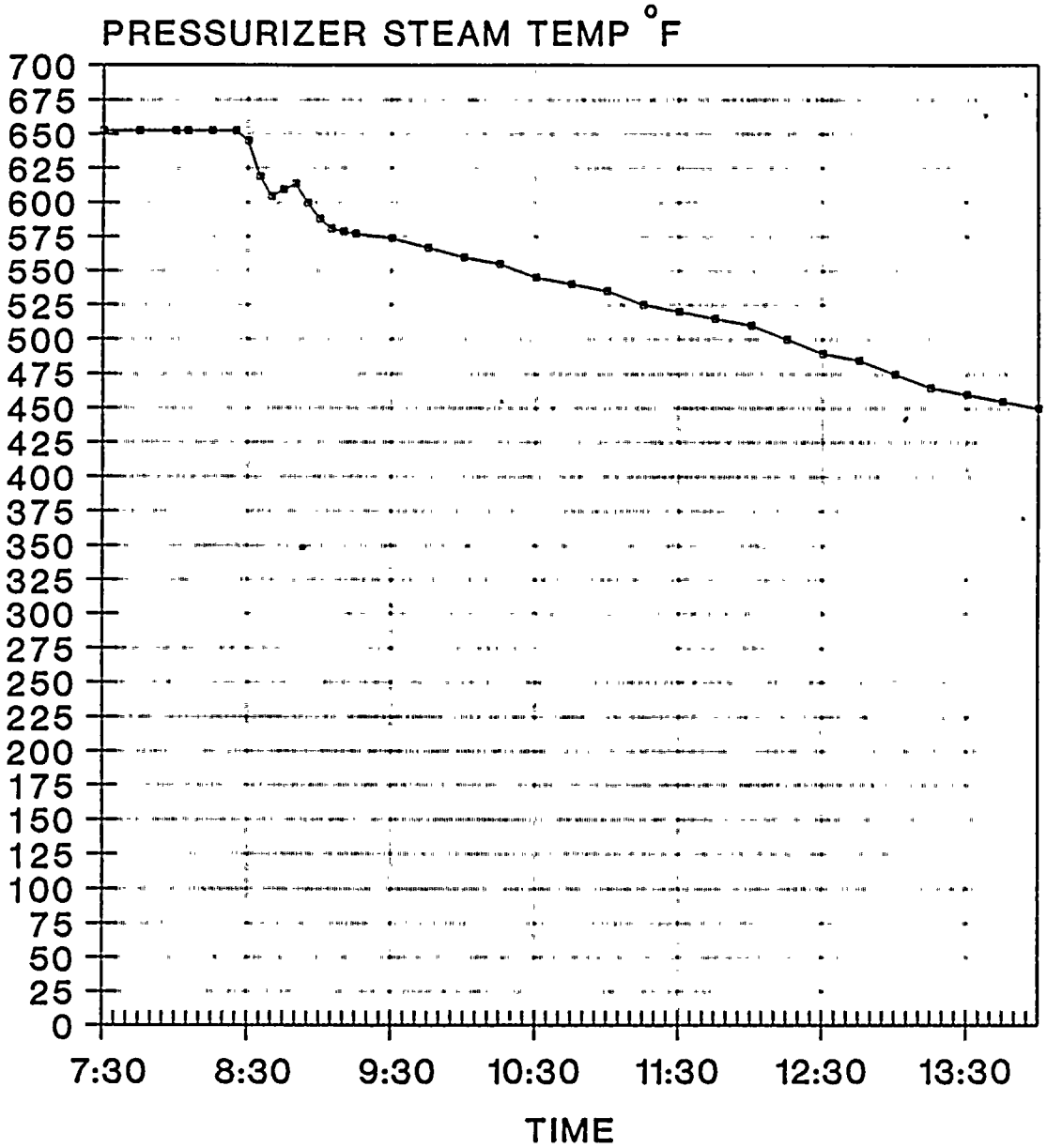
PRESSURIZER LIQUID TEMPERATURE
VS.
TIME



20SEP89

THIS IS A DRILL

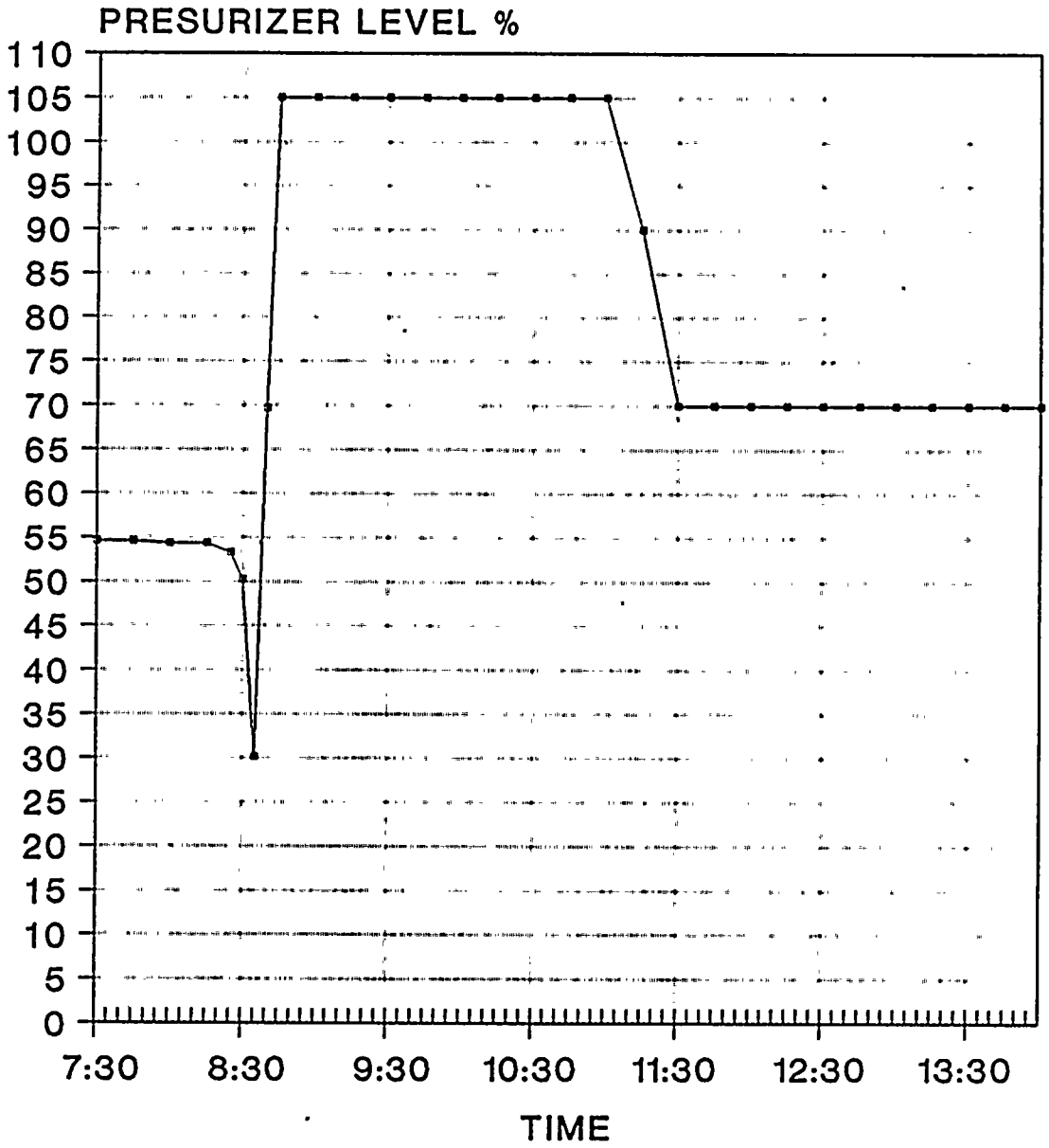
PRESSURIZER STEAM TEMPERATURE
VS.
TIME



20SEP89

THIS IS A DRILL

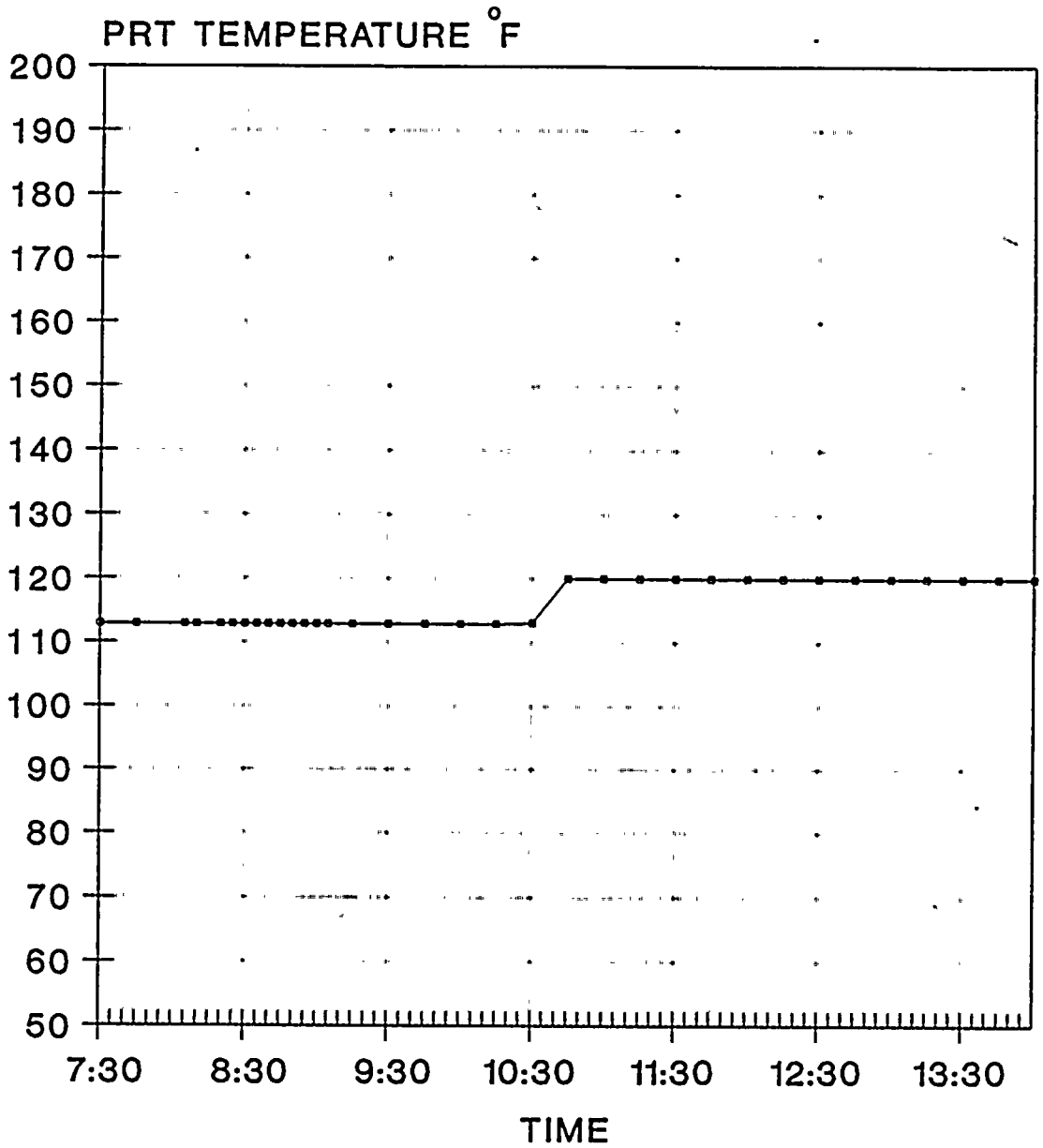
PRESSURIZER LEVEL
VS.
TIME



20SEP89

THIS IS A DRILL

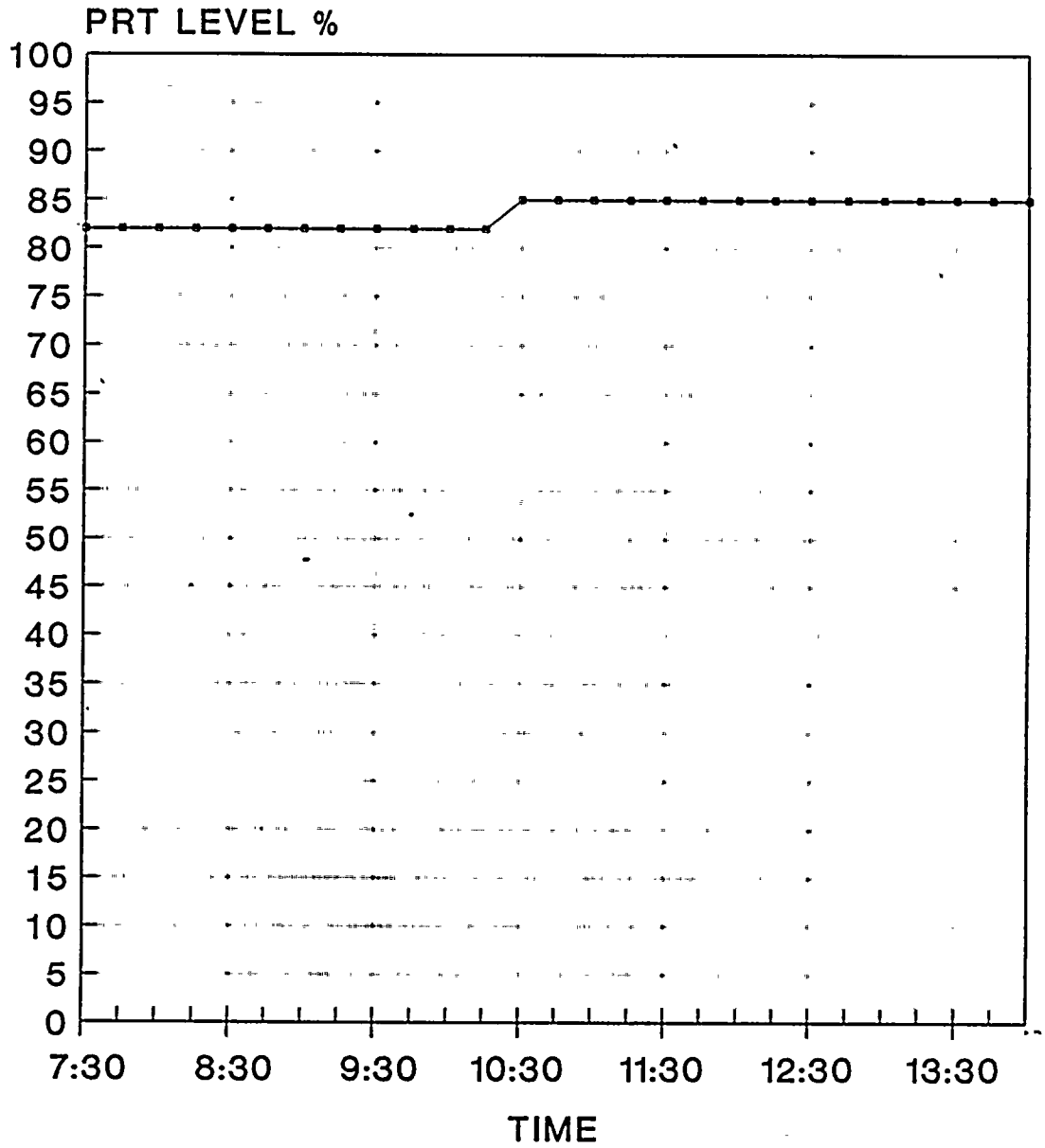
PRT TEMPERATURE
VS.
TIME



20SEP89

THIS IS A DRILL

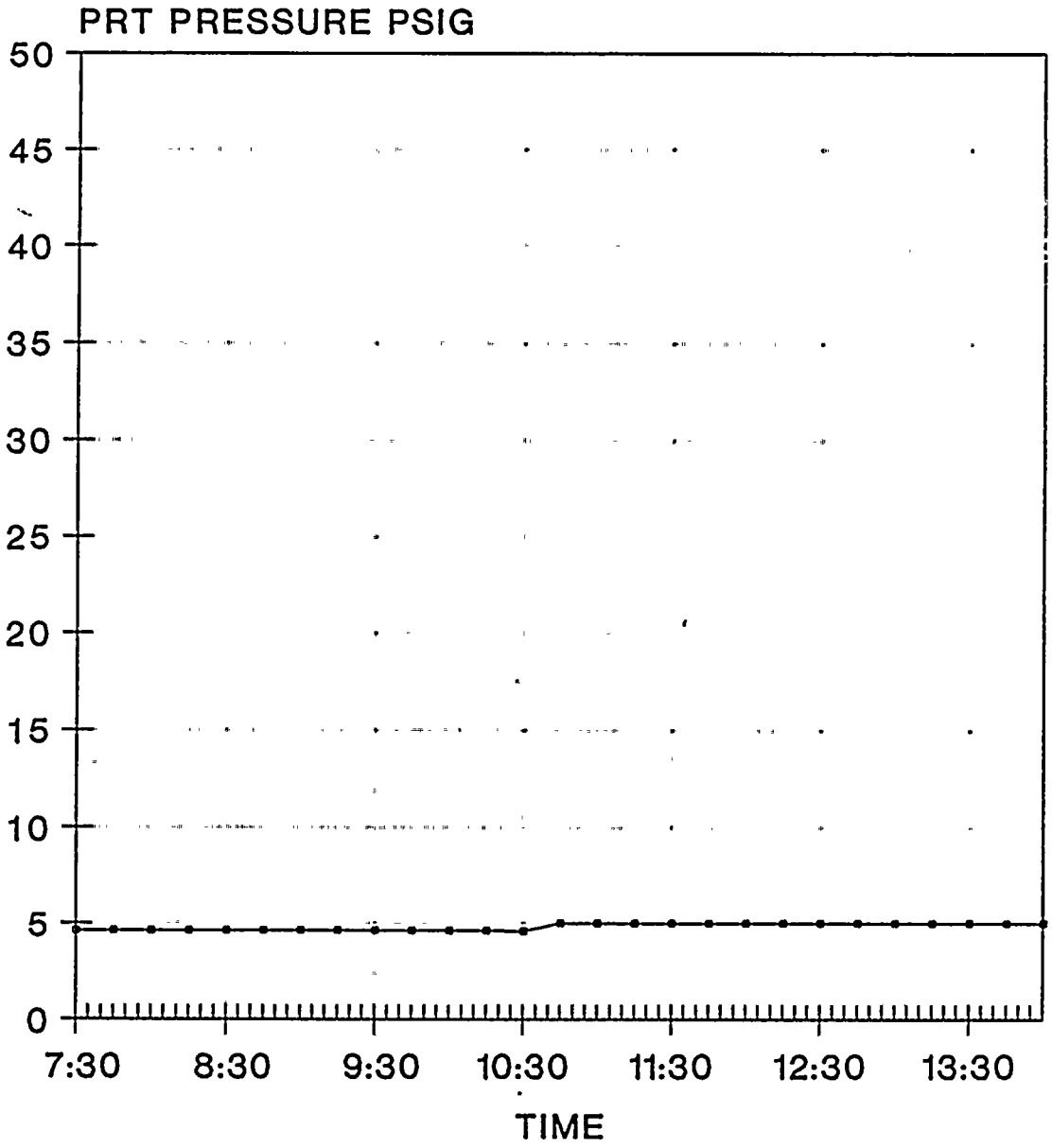
PRT LEVEL
VS.
TIME



20SEP89

THIS IS A DRILL

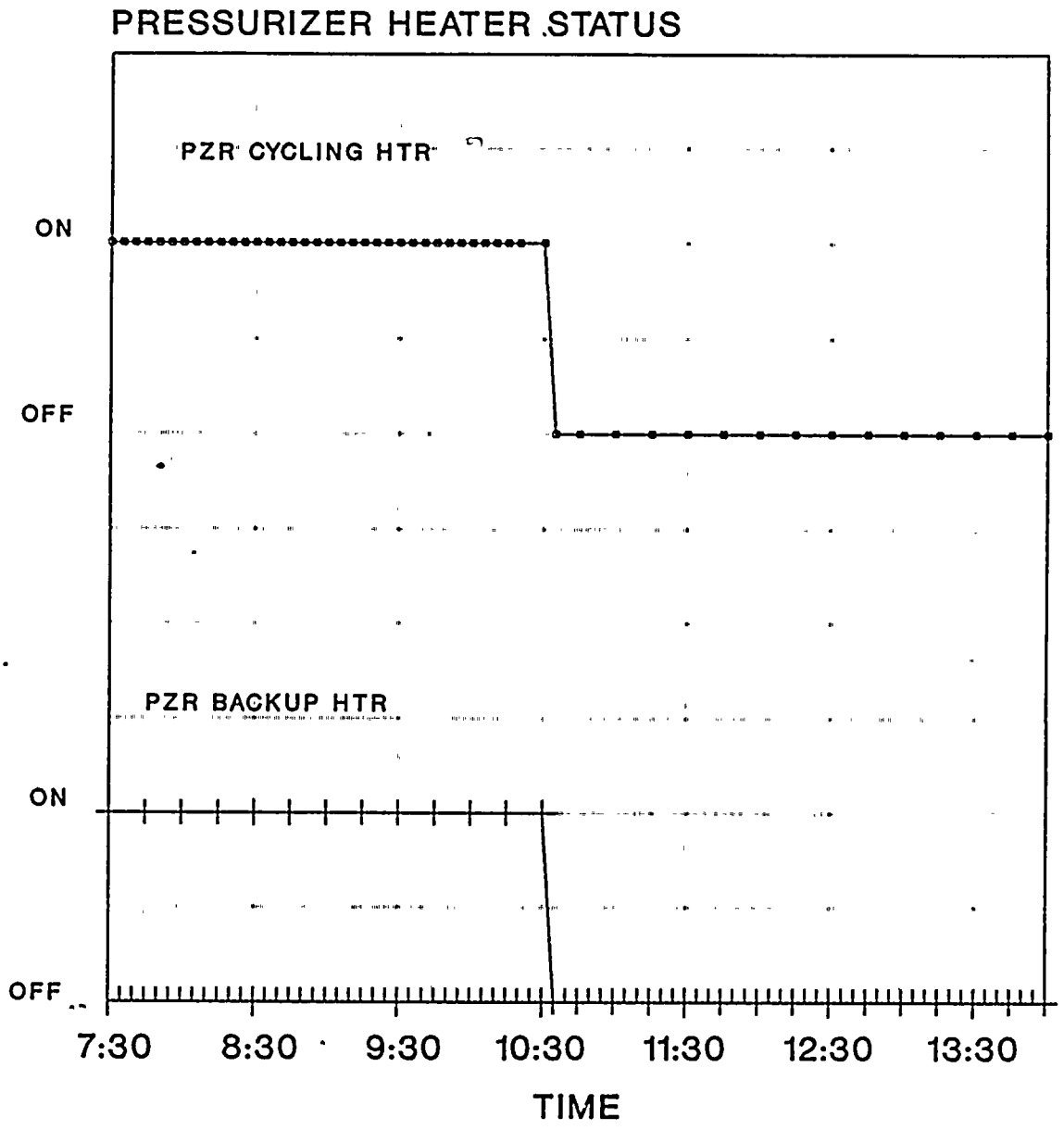
PRT PRESSURE
VS.
TIME



20SEP89

THIS IS A DRILL

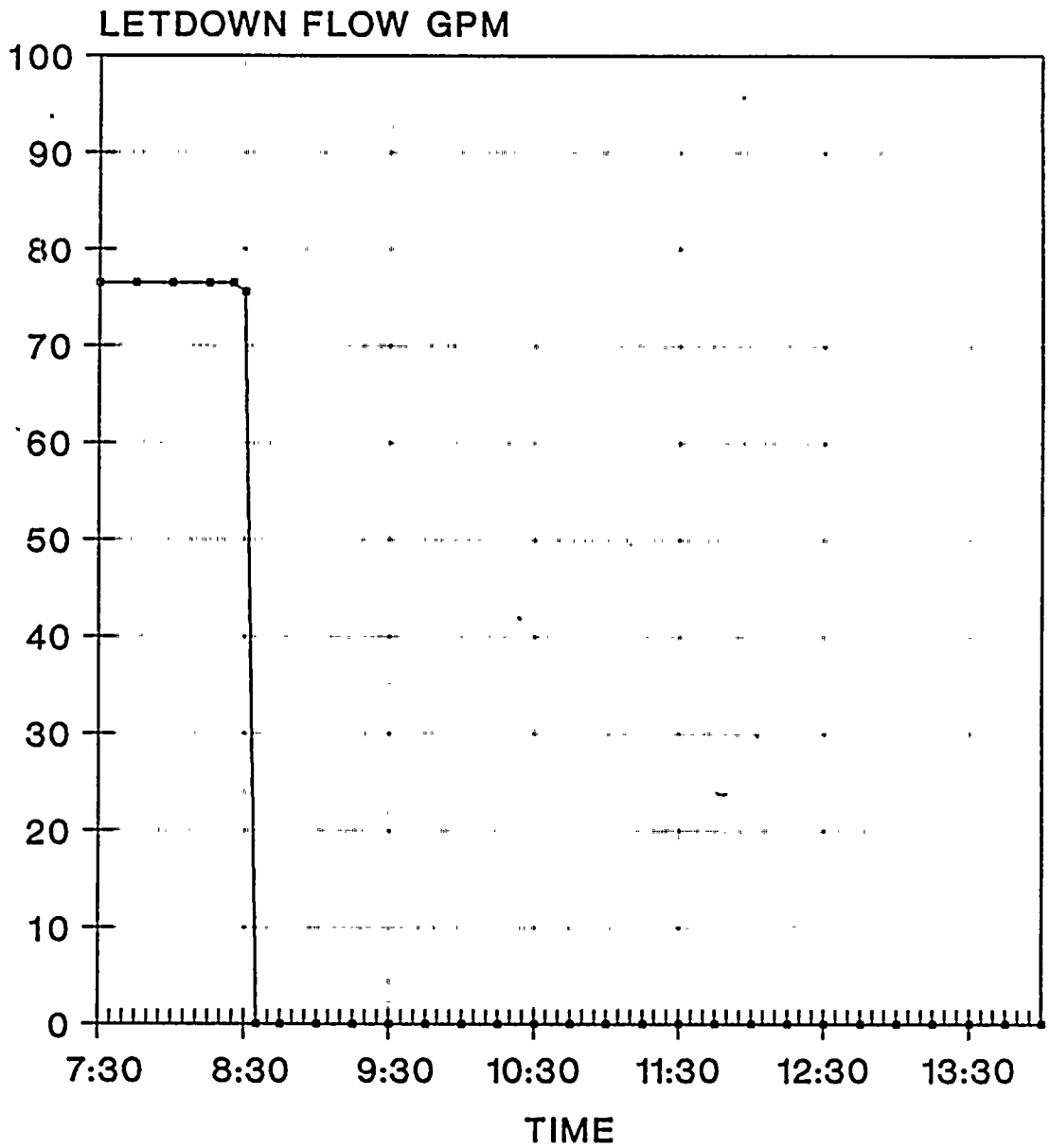
PRESSURIZER HEATER STATUS
VS.
TIME



20SEP89

THIS IS A DRILL

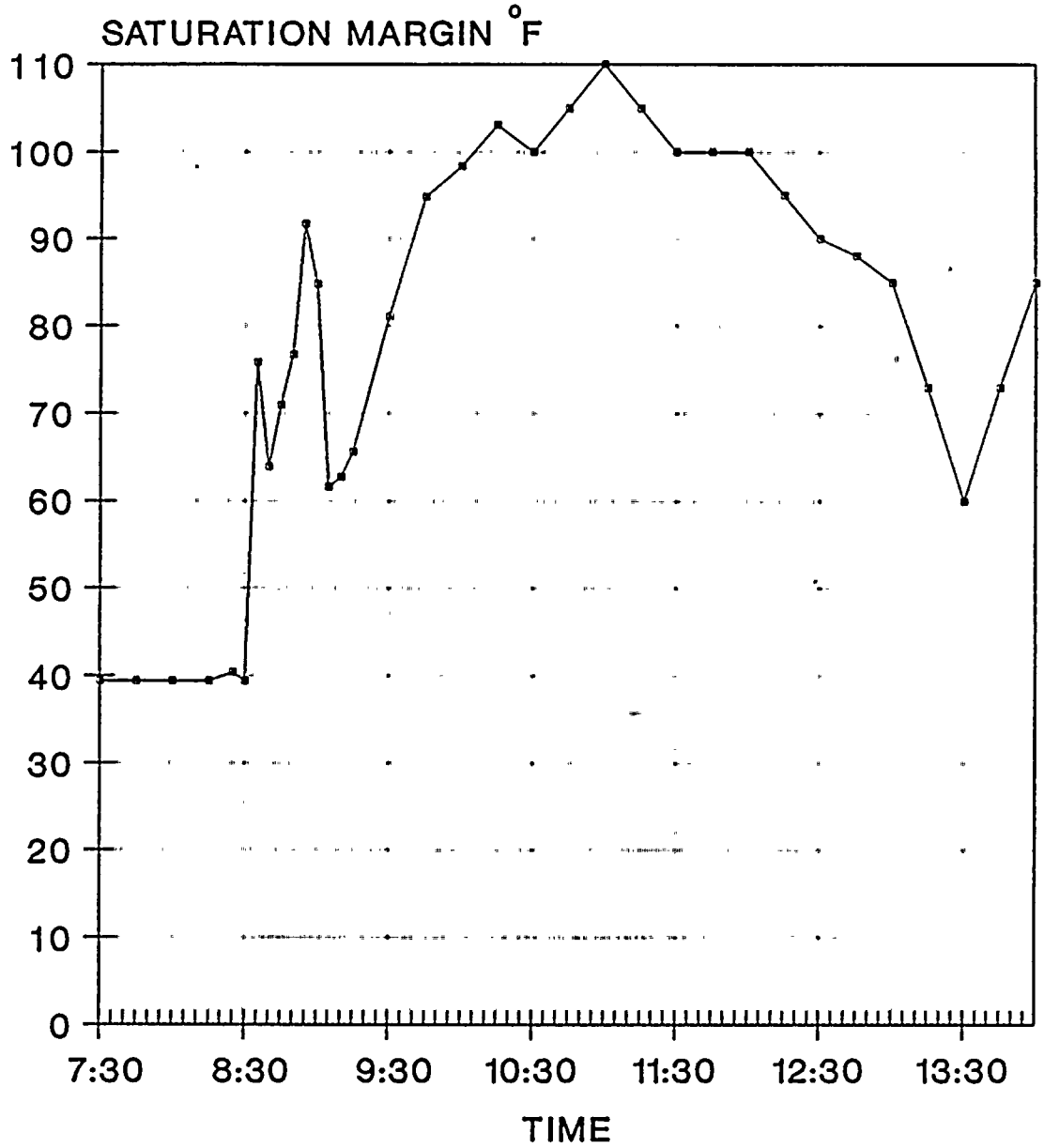
LETDOWN FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

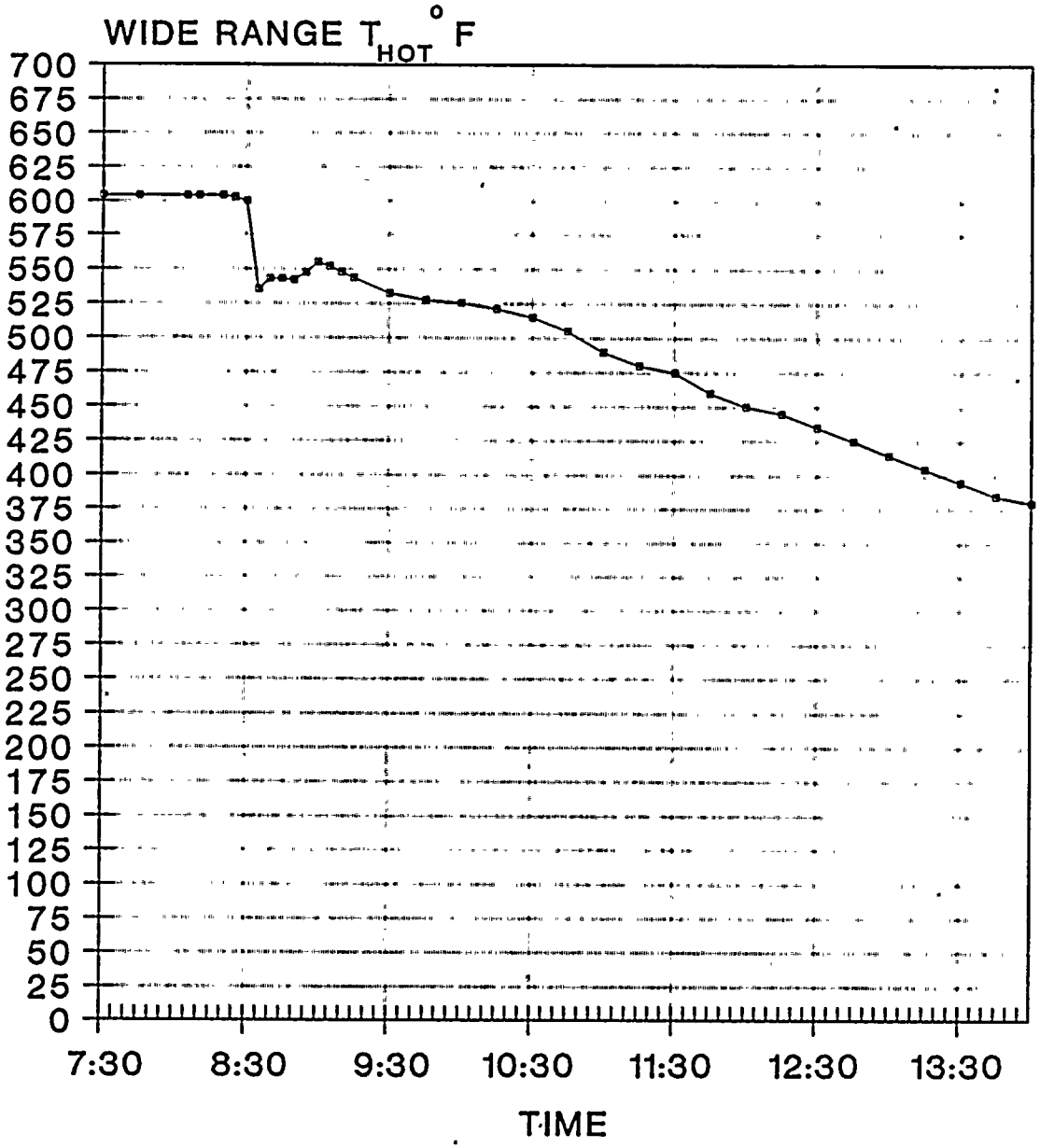
SATURATION MARGIN
VS.
TIME



20SEP89

THIS IS A DRILL

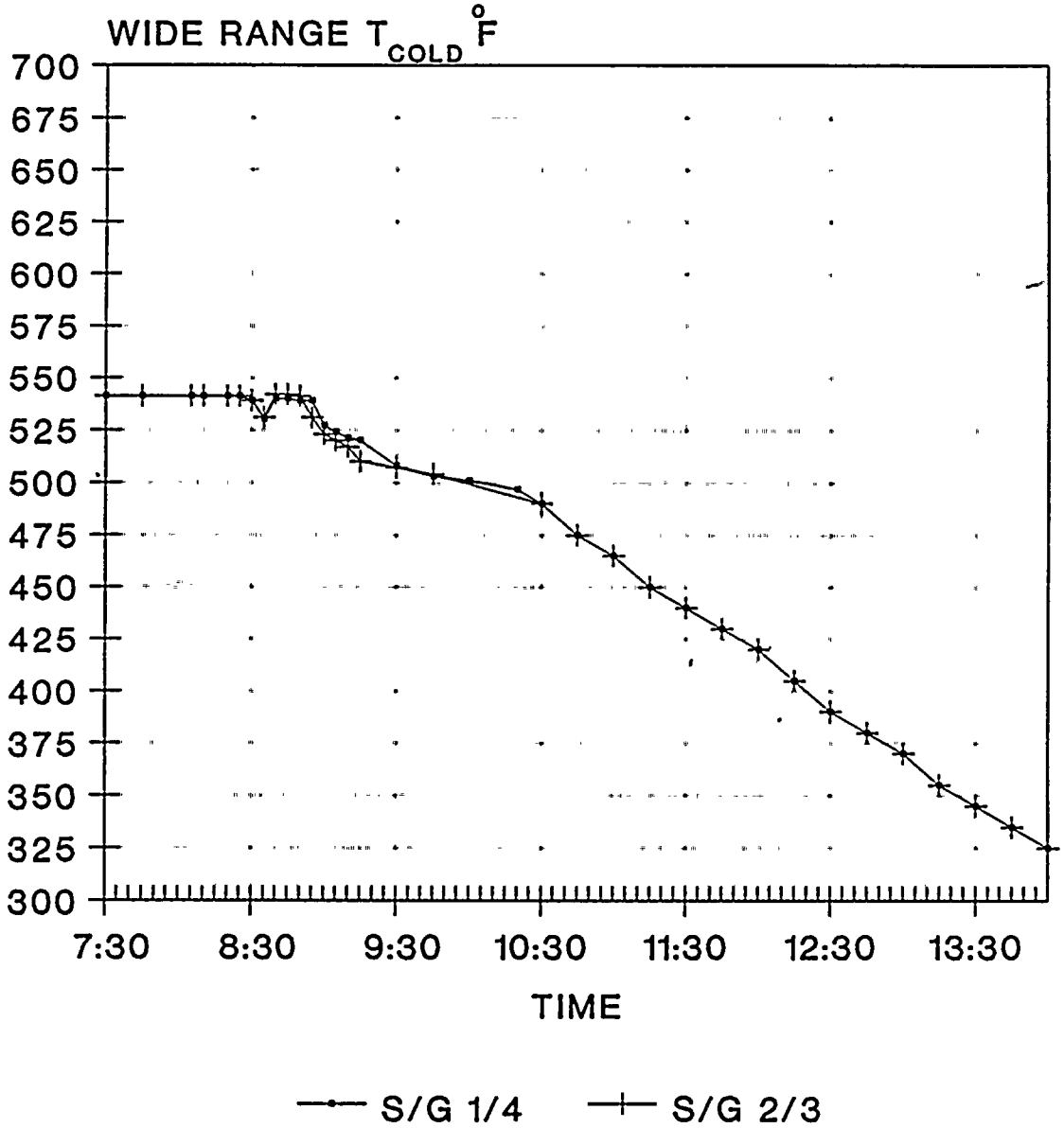
WIDE RANGE T_{HOT}
VS.
TIME



20SEP89

THIS IS A DRILL

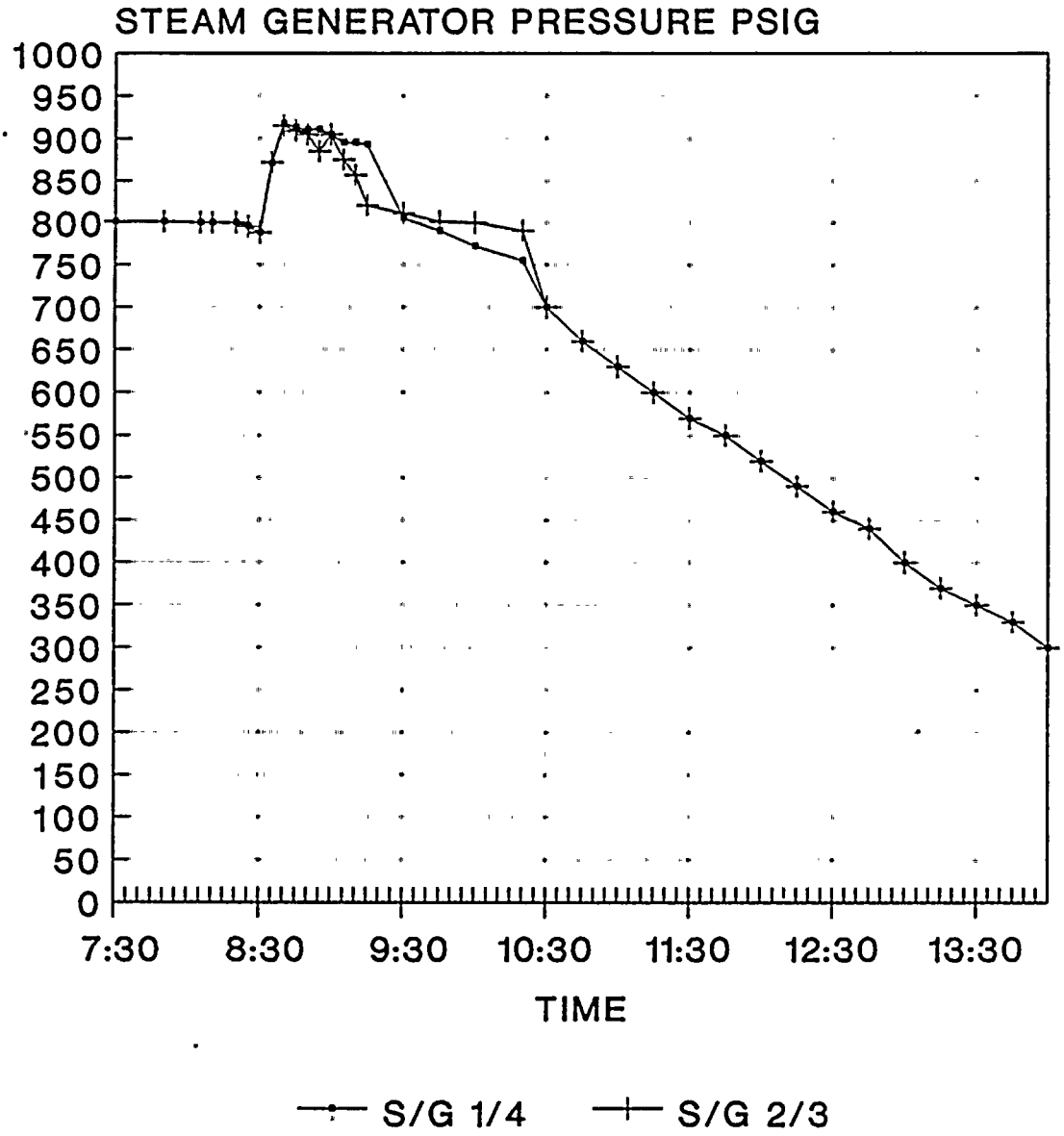
WIDE RANGE T_{COLD}
VS.
TIME



20SEP89

THIS IS A DRILL

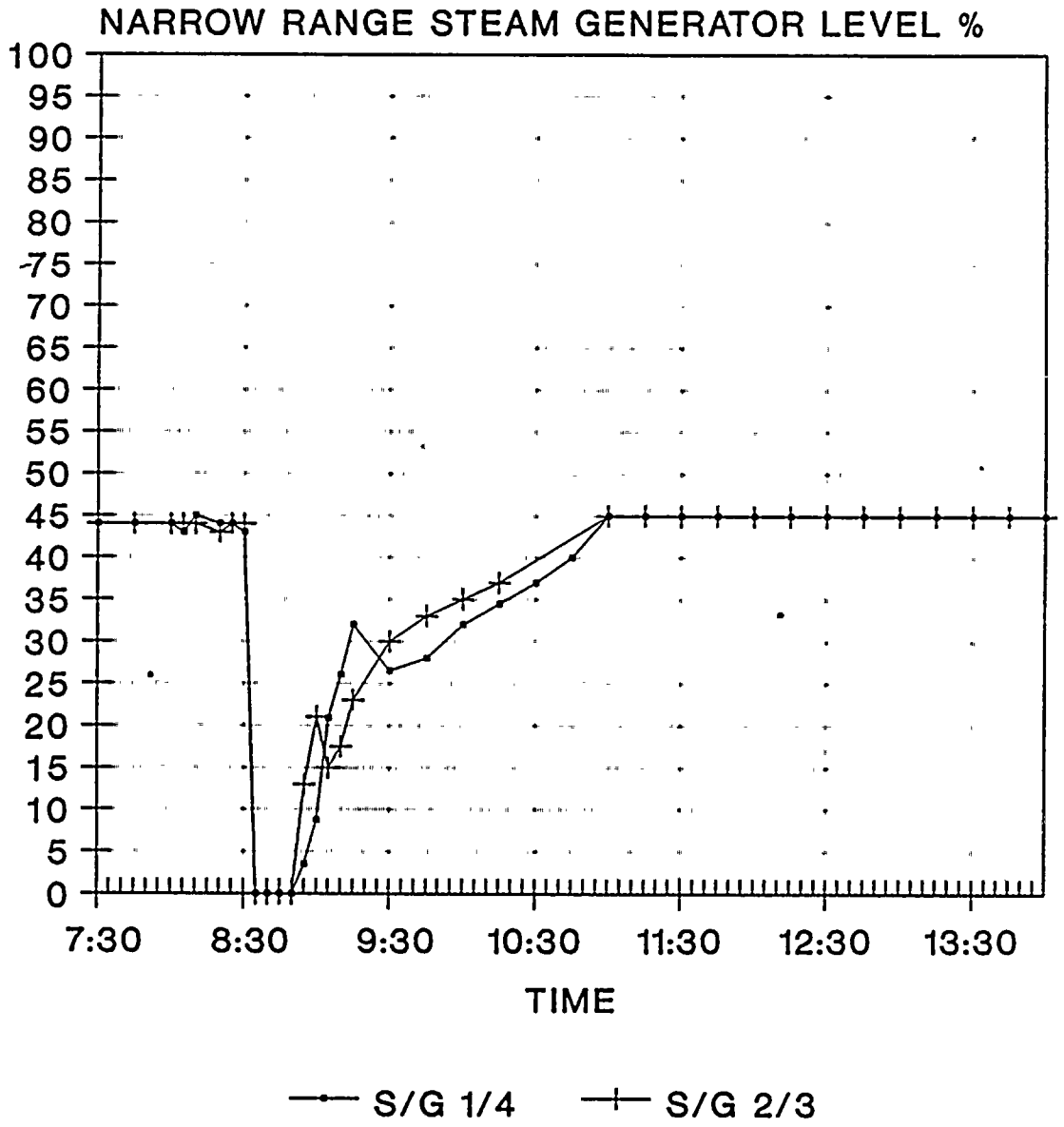
STEAM GENERATOR PRESSURE
VS.
TIME



20SEP89

THIS IS A DRILL

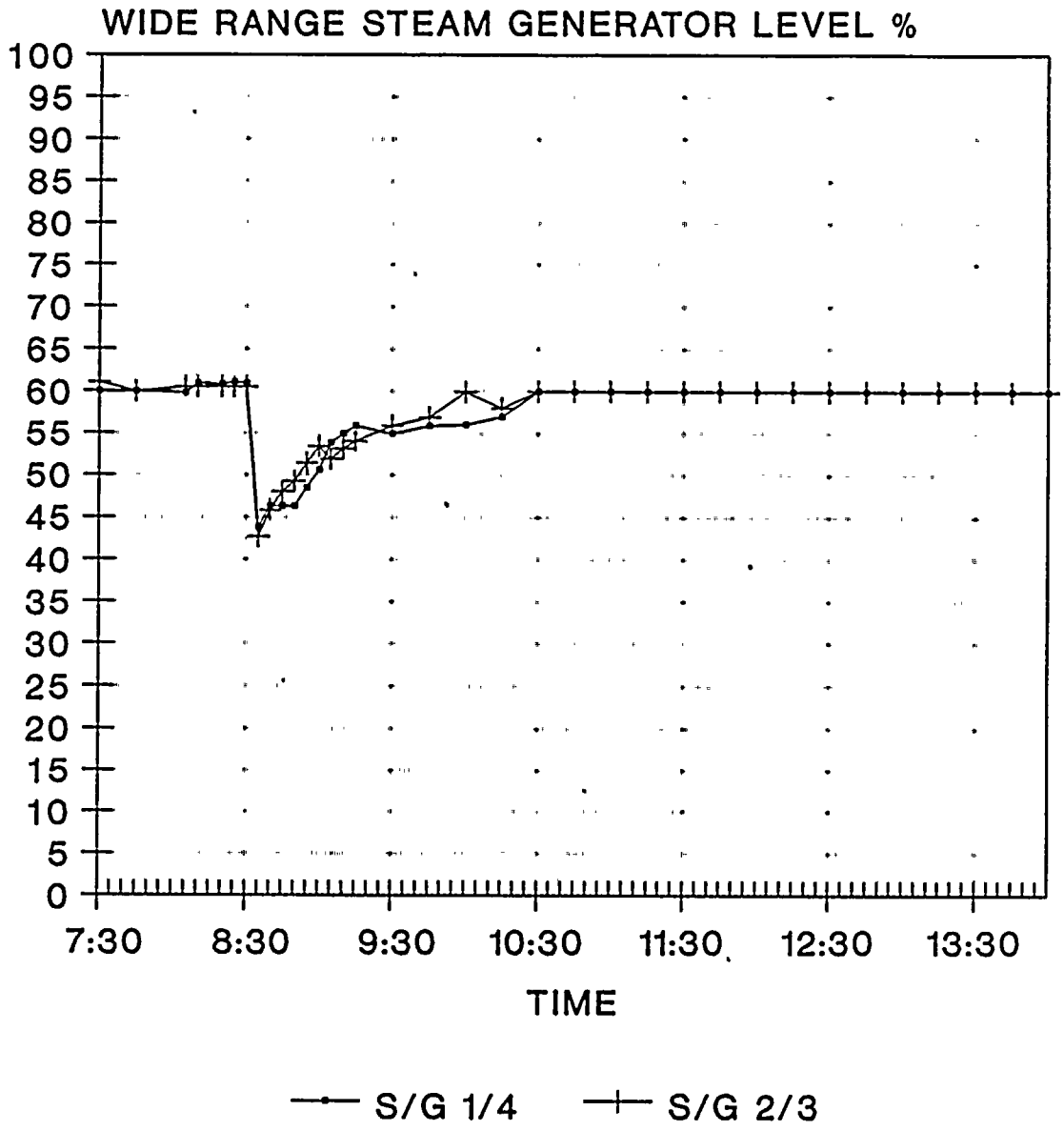
NARROW RANGE STEAM GENERATOR LEVEL VS. TIME



20SEP89

THIS IS A DRILL

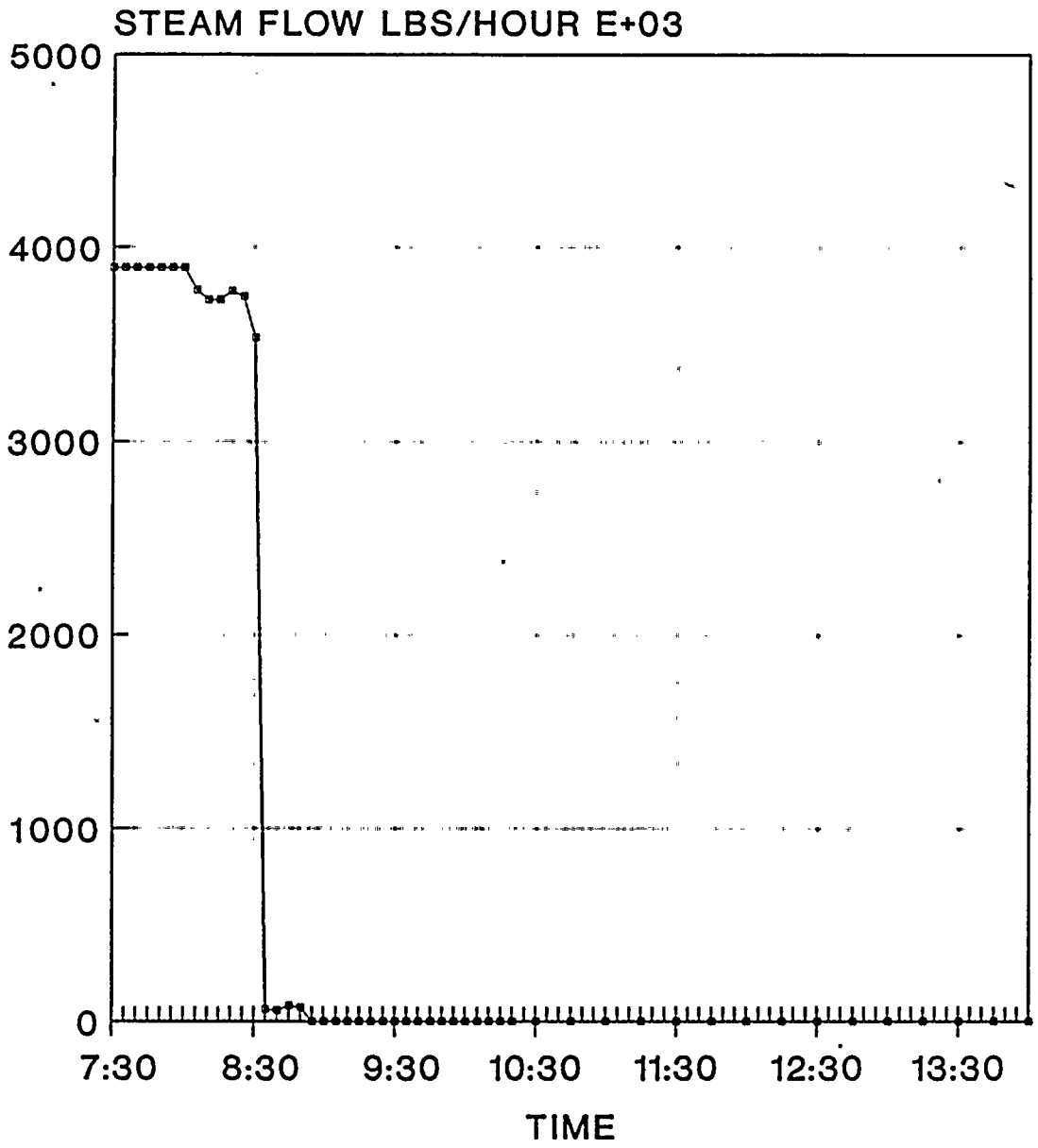
WIDE RANGE STEAM GENERATOR LEVEL VS. TIME



20SEP89

THIS IS A DRILL

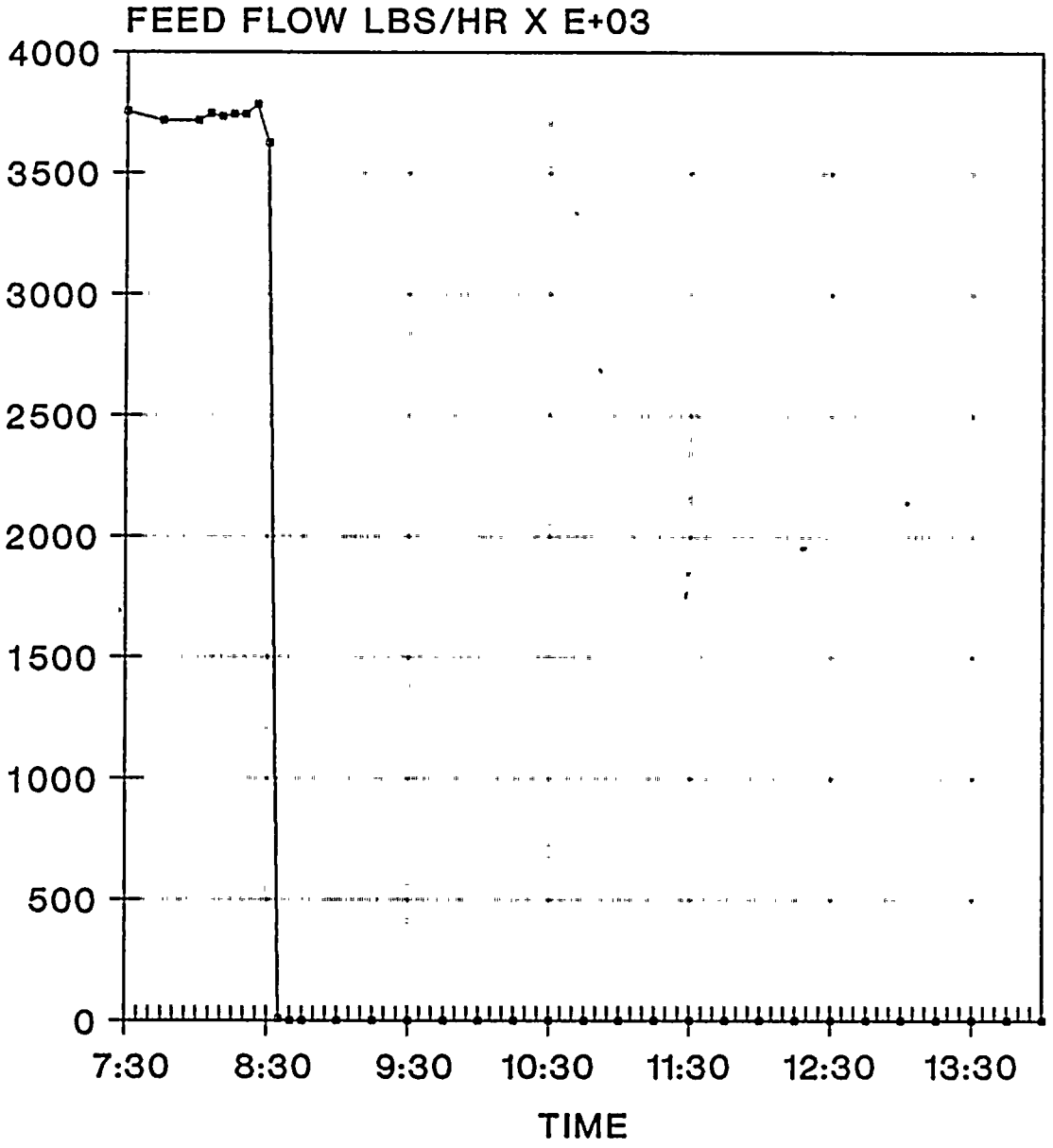
STEAM FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

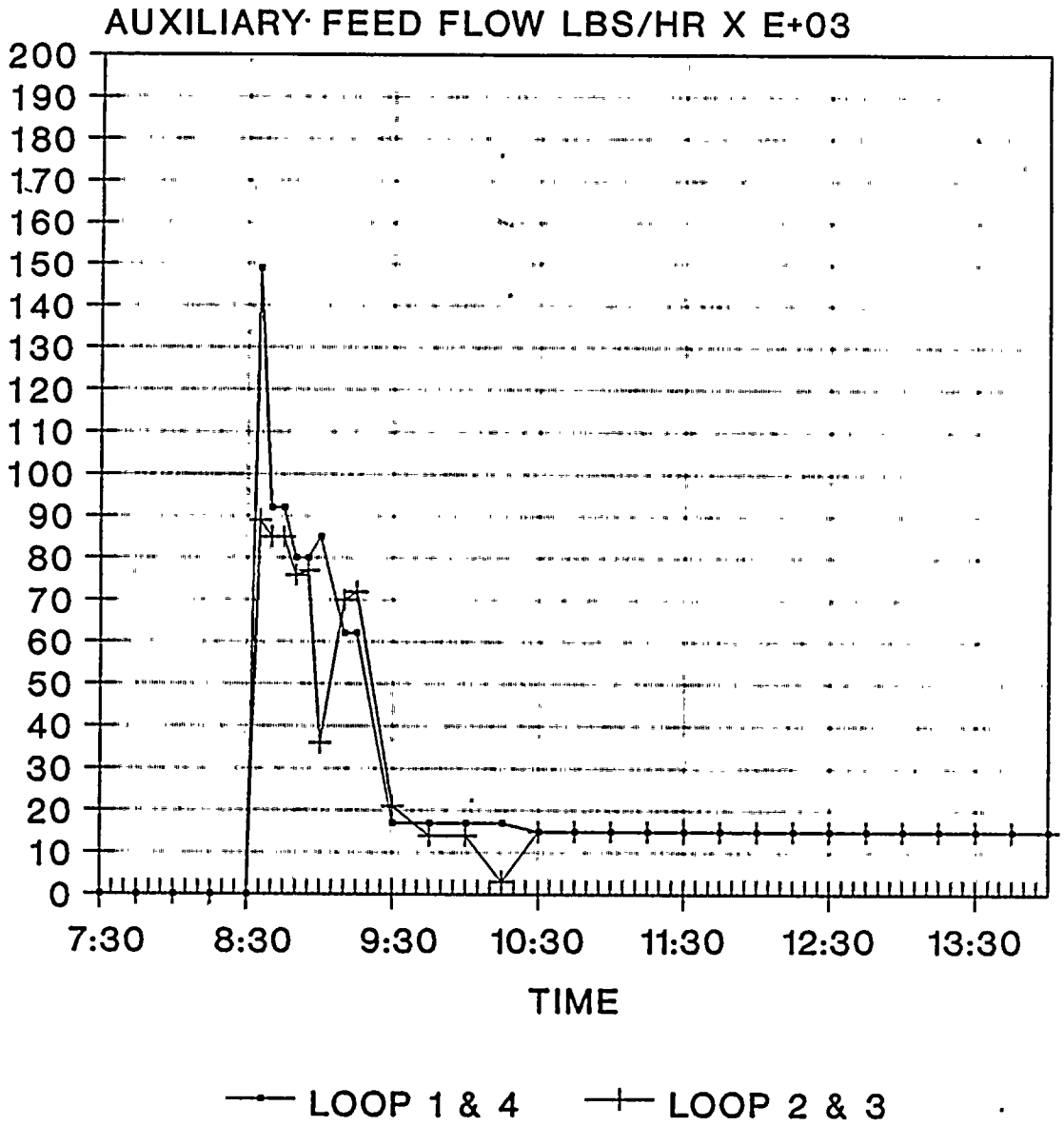
FEED FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

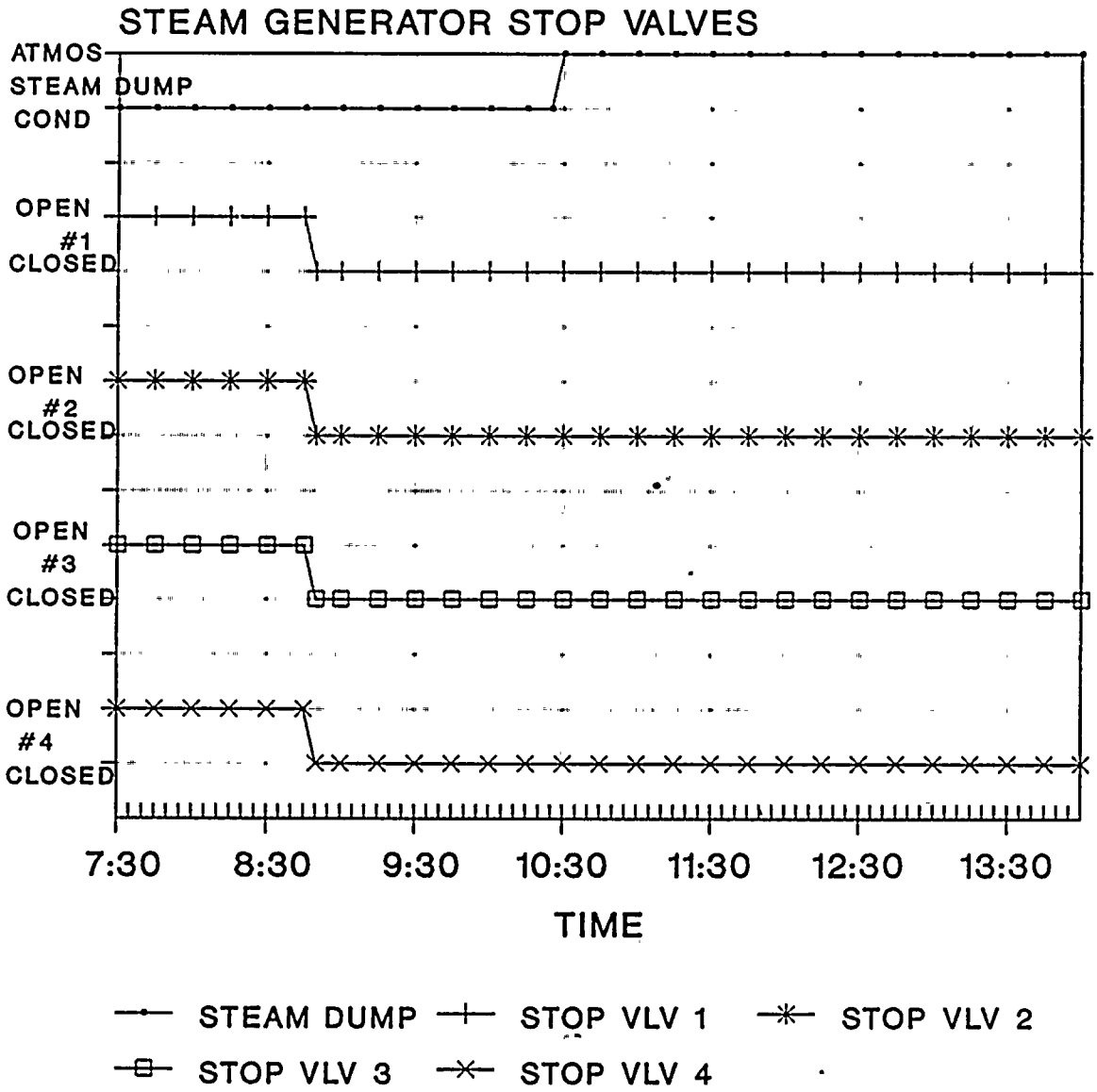
AUXILIARY FEED FLOW
VS.
TIME



20SEP89

THIS IS A DRILL

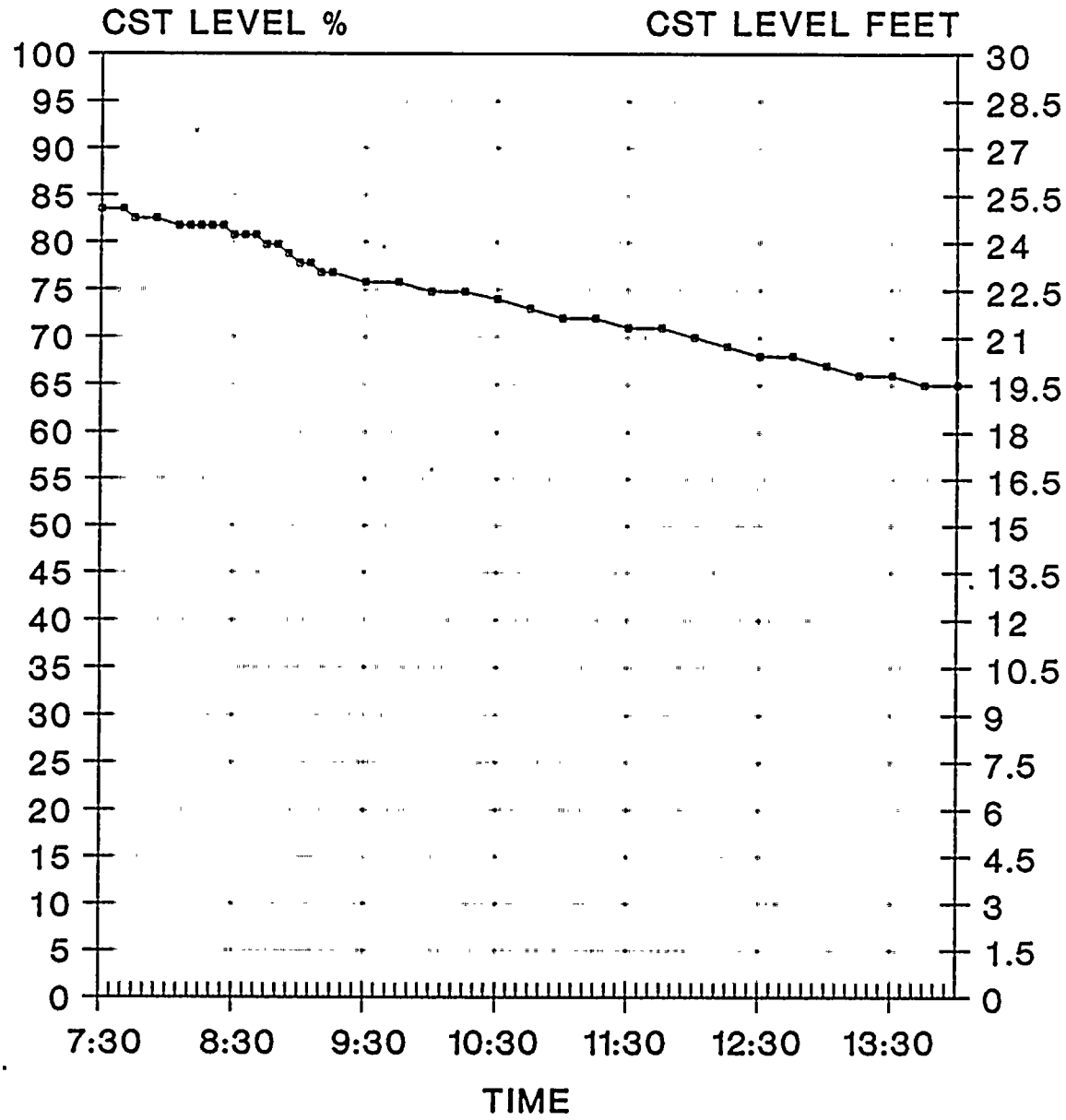
STEAM FLOWPATH
VS.
TIME



20SEP89

THIS IS A DRILL

CONDENSATE STORAGE TANK LEVEL VS. TIME



20SEP89

THIS IS A DRILL

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VII. B. CONTROLLER MESSAGES

The following forms represent the means by which information required to prompt a response from players, and provide the Controller with general guidance, is provided. The messages are not given directly to players. This series is for Controllers only.

These messages are available to continue exercise play in the event of simulator malfunction. Because of the additional free-play permitted and subsequent variance from a preplanned time line, it is possible that adjustments will have to be made in delivery times of controller messages from the times stated if the messages are needed.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 1

TIME: 0715

MESSAGE FOR: Control Room

The following phone numbers are to be used for the duration of this exercise:

Michigan State Police - Number used in PMP 2080 EPP.106, Exh. B
NRC ENS - To be announced
NRC HPN - To be announced
BCSD - 983-3784

CONTROLLER USE ONLY

Establish the communications systems that are to be used and not to be used during the exercise. Review the basic rules of participation with the shift personnel. (See Section III., "Conduct of Exercise")

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 2

TIME: 0730

MESSAGE FOR: Control Room

Initial conditions are as follows:

- Unit 1 is in mode one at 100% power, 550°F Tave, 1060 MWe. Control rod bank D at 215 steps. RCS boron = 1460 ppm at 0217 this morning.
- Unit 2 is at 100% power.
- Unit 1 and Unit 2 failed fuel detector is out of service.
- Unit 1 east RHR pump is out of service due to excessive bearing temperature identified late yesterday. No actions have been taken to identify the cause or rectify this problem.
- Unit 1 pressurizer PORV block valves (1-NMO-151/1-NMO-153) are closed due to leakage from the associated PORV.
- 2AB diesel is tagged out for governor replacement. EDG went out on overspeed testing September 19 and is not expected to be repaired before September 21.
- The CVCS cross tie is inoperable to replace the orifice on QFI-201.
- Evidence of fuel cladding leaks has been worsening over the recent past with present leakage just under plant administrative limits.
- Unidentified RCS leakage has been trending upward over the last three days with the latest surveillance test results showing 0.6 gpm leakage. This was completed at 0400 hrs the morning of 9-20-89. The mid-night shift performed those tasks outlined in the "Excess Leakage Procedure", 2-OHP 4022.002.004, but were unable to either isolate or determine the source of leakage.

  1. Lab requested to check activity level of Steam Generator blowdown. Results reported at 0600 hrs indicate no primary to secondary leakage.

  2. The operators on mid-shift switch letdown over to excess letdown in an attempt to identify the leakage source. The results were inconclusive in identifying the leakage source.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 2 (Cont.)

TIME: 0730

MESSAGE FOR: Control Room

3. Waste inventory was checked and found to be constant over the last 24 hours except for 420 gallons pumped out of the lower containment sump.

4. Reactor Coolant Filters and Seal Water Filter were checked for proper line-up and found to be properly aligned.

5. During the bi-monthly inspection of the Pipe Tunnel Sump nothing was found that would identify the source of the leakage.

6. The levels of the Pressurizer Relief Tank and Reactor Coolant Drain Tank were trended to determine inleakage. No leaks were indicated.

- The Unit has been operating at 100% rated thermal power for the last 198 days.
- A second "Reactor Coolant System Leak Test", 2-OHP 4030 STP.016 was started at 0500 hours on 9-20-89 to verify the leakage found at 0400 hours. This test is underway and should be completed by the day shift operators around 0800 hours.
- ERS-2300/2400 setpoints have been set upward.
- Boron concentration is 11 ppm.
- Cycle burnup = 17,500 MWD/MTU. EFPD = 399
- Primary coolant activity is:

Ar 41	7.4 E-2 μCi/cc	Kr 85m	4.0 E-1 μCi/cc
Cs 134	8.1 E-2 μCi/cc	Kr 87	6.9 E-1 μCi/cc
Cs 137	1.8 E-1 μCi/cc	Kr 88	9.5 E-1 μCi/cc
I 131	2.0 E-1 μCi/cc	Rb 88	6.4 E+0 μCi/cc
I 132	4.2 E-1 μCi/cc	Xe 133	5.0 E+0 μCi/cc
I 133	4.6 E-1 μCi/cc	Xe 131	2.6 E-2 μCi/cc
I 134	7.9 E-1 μCi/cc	Xe 135	7.5 E-1 μCi/cc
I 135	6.0 E-1 μCi/cc	Xe 135m	6.2 E-1 μCi/cc

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 2 (Cont.)

TIME: 0730

MESSAGE FOR: Control Room

- Meteorological conditions for typical September morning are:

  1. Temperature 53°F
  2. Wind Speed 2-5 mph
  3. Wind direction 300-330
  4. No precipitation

- Both 50 and 150 pound auxiliary steam headers are being supplied by Unit 1.

CONTROLLER USE ONLY

Establish the initial conditions with the Control Room staff. Review the basic rules of participation.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 3

TIME: 0745

MESSAGE FOR: Control Room

0745 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 4

TIME: 0800

MESSAGE FOR: Control Room

PSSD Data attached.

Provide RO1 with copy of STP.016.

CONTROLLER USE ONLY

Expected Response:

STP.016 results indicate 1.4 GPM leakrate (in excess of 1.0 GPM limit).

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 5

TIME: 0800

MESSAGE FOR: Control Room

0800 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 6

TIME: 0800

MESSAGE FOR: Control Room

RDDS data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 7

TIME: 0810

MESSAGE FOR: Control Room (optional)

UNUSUAL EVENT is declared as per ECC-14

CONTROLLER USE ONLY

This declaration is option based on SS judgement if unit shutdown is elected, allow it to happen at any rate less than or equal to 50%/hr.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 8

TIME: 0815

MESSAGE FOR: Chemical Technician

C.R. requests S/G samples to determine primary to secondary leakage.

CONTROLLER USE ONLY

Chemical Technician will be simulated because not enough time to respond before emergency escalates.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 9

TIME: 0815

MESSAGE FOR: Control Room

0815 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 10

TIME: 0815

MESSAGE FOR: Control Room

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 11

TIME: 0827

MESSAGE FOR: Control Room

- Pressurizer level low deviation alarm
- Rapidly decreasing pressurizer level
- Decreasing pressurizer pressure
- In-service charging pump flow increasing
- Ice condenser doors open
- Receive upper containment high pressure alarm

CONTROLLER USE ONLY

Expected Response:

Start standby charging pump

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 12

TIME: 0829

MESSAGE FOR: Control Room

Contingency if second charging pump not started - tell them to start pump.

CONTROLLER USE ONLY

Issue message if control room personnel do not start second pump.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 13

TIME: 0830

MESSAGE FOR: Control Room

Second charging pump fails to maintain pressure level - does slow level decrease

CONTROLLER USE ONLY

Begin controlled unit shutdown based on above.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 14

TIME: 0830

MESSAGE FOR: Control Room

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 15

TIME: 0830

MESSAGE FOR: Control Room

0830 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 16

TIME: 0831

MESSAGE FOR: Control Room

Begin controlled unit shutdown in accordance with 2-OHP 4022.002.004.

CONTROLLER USE ONLY (contingency)

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO. 17

TIME: 0833

MESSAGE FOR: Control Room

- Rx trips
- Low RCS pressure alarm
- SI Phase A occurs (SI status light lit)
- High containment pressure alarm
- All rod bottom lights lit except G3

CONTROLLER USE ONLY

Expected Response:

Begin Emergency Operating Procedure implementation

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 18

TIME: 0834

MESSAGE FOR: Control Room

All Train B pumps auto-start.

The following Train A pumps fail to start:

- North SI
- East RHR
- East CCW

EMDAFP starts but trips on overload

CONTROLLER USE ONLY

Expected Response:

Manually start Train A pumps

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 19

TIME: 0839

MESSAGE FOR: Control Room

Safety Injection "RESET"

"A" Train components fail to reset.

"B" Train components reset.

CONTROLLER USE ONLY

Expected Response:

Request I&C investigate

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 20

TIME: 0840

MESSAGE FOR: Balance of Plant Operator

- Emergency trip alarm operated
- Red light on control switch went out, green on
- Frequency meter decreases to stop

CONTROLLER USE ONLY (contingency)

Issue if diesel is tripped.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 21

TIME: 0840

MESSAGE FOR: Control Room

CD diesel won't stop when attempted from Control Room.

CONTROLLER USE ONLY

Expected Response:

Request I&C assistance.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 22

TIME: 0840

MESSAGE FOR: Control Room

Declare ALERT based on ECC-14/4, "Inability to maintain pressurizer level above 22% with one charging pump.

CONTROLLER USE ONLY (contingency)

Issue this if not already declared.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 23

TIME: 0840

MESSAGE FOR: Control Room

Control room requests assistance due to Train A safety injection pump failures/SI reset logic malfunction.

CONTROLLER USE ONLY (contingency)

Expected Response:

I&C initiates investigation.

Issue only if not previously requested.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 24

TIME: 0845

MESSAGE FOR: Control Room

0845 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 25

TIME: 0845

MESSAGE FOR: Control Room

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 26

TIME: 0847

MESSAGE FOR: Control Room

AEO dispatched to check ventilation isolation at CAS panel reports that instrument room purge fans are in "stop".

CONTROLLER USE ONLY (contingency)

Issue if AEO does not report by now.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 27

TIME: 0850

MESSAGE FOR: Control Room

- Containment pressure reaches 2.9 lbs.
- Receive containment HI-HI alarm
- Phase B actuation
- Auto start on both containment spray pumps
- Steam generator stop valves close

CONTROLLER USE ONLY

Expected Response:

Trip RCP's within 5 minutes.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 28

TIME: 0855

MESSAGE FOR: Control Room

Secure all four Reactor Coolant Pumps due to Low Reactor Coolant System Pressure

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 29

TIME: 0900

MESSAGE FOR: Control Room

Declare SITE AREA EMERGENCY based on ECC-14.

CONTROLLER USE ONLY (contingency)

Issue this message if declaration not already made.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 30

TIME: 0900

MESSAGE FOR: Control Room/TSC Scribe

0900 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 31

TIME: 0900

MESSAGE FOR: Control Room, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 32

TIME: 0902 & after

MESSAGE FOR: All AEO's dispatched to realign charging systems

Report back to control room after appropriate time delay that mission successfully completed.

CONTROLLER USE ONLY

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 33

TIME: 0903

MESSAGE FOR: Control Room

Begin RCS cooldown using natural circulation

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 34

TIME: 0930

MESSAGE FOR: Control Room/TSC & EOF Scribes

0930 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 35

TIME: 0915

MESSAGE FOR: Control Room, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 36

TIME: 0919

MESSAGE FOR: Control Room

Natural circulation confirmed by Hot Leg/Cold Leg differential of ~ 25°F

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 37

TIME: 0925

MESSAGE FOR: TSC

Request Post Accident Sampling Team and Onsite Radiation Monitoring Team(s).

CONTROLLER USE ONLY Contingency Message

Issue this if not completed by this time.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 38

TIME: 0925

MESSAGE FOR: Control Room

- Low RWST level alarm

CONTROLLER USE ONLY

Expected Response:

Begin changeover to cold leg recirculation from containment sump.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 39

TIME: 0915

MESSAGE FOR: Control Room/TSC Scribe

0915 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 40

TIME: 0930

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 41

TIME: 0942

MESSAGE FOR: Control Room

Start the East RHR pump to establish recirc. flow from containment sump.

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 42

TIME: 0943

MESSAGE FOR: Control Room

- Containment vent stack alarm
- RHR pump room high sump level alarm

CONTROLLER USE ONLY

Expected Response:

Dispatch AEO to investigate high sump level alarm.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 43

TIME: 0945

MESSAGE FOR: Control Room/TSC & EOF Scribes

0945 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 44

TIME: 0945

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 45

TIME: 0905

MESSAGE FOR: TSC

Request Damage Control Team to check on RHR pump room sump level.

CONTROLLER USE ONLY

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 46

TIME: 1000

MESSAGE FOR: Control Room/TSC & EOF Scribes

1000 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 47

TIME: 1000

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 48

TIME: 1007

MESSAGE FOR: I&C Team Working on K602 Relay

K602 relay jumpered to permit SI reset.

CONTROLLER USE ONLY

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 49

TIME: 1010

MESSAGE FOR: Control Room

Reset Phase "A" and Phase "B" Safety Injection.

CONTROLLER USE ONLY

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 50

TIME: 1015

MESSAGE FOR: Control Room/TSC & EOF Scribes

1015 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 51

TIME: 1015

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 52

TIME: 1020

MESSAGE FOR: Damage Control Team Member Returning from RHR Room

Attached contamination information.

CONTROLLER USE ONLY

Upon return from RHR room investigation, DCT member should be told that the frisker and/or portal monitor has responded as per the attached form. The RP Technician accompanying him should then decontaminate him according to standard procedures.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 53

TIME: 1022

MESSAGE FOR: Control Room

Reestablish charging flow through BIT tank due to the inability to maintain pressurizer level.

CONTROLLER USE ONLY Contingency Message

Issue only if normal charging is established.

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 54

TIME: 1030

MESSAGE FOR: Control Room

Shut of E RHR pump, E CTS and isolate suction flowpath by closing ICM-305.

CONTROLLER USE ONLY (contingency)

Issue if not previously completed.

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 55

TIME: 1030

MESSAGE FOR: Control Room/TSC & EOF Scribes

1030 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 56

TIME: 1030

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 57

TIME: 1045

MESSAGE FOR: Control Room/TSC & EOF Scribes

1045 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 58

TIME: 1045

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 59

TIME: 1100

MESSAGE FOR: Control Room/TSC & EOF Scribes

1100 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 60

TIME: 1100

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 61

TIME: 1115

MESSAGE FOR: Control Room/TSC & EOF Scribes

1115 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 62

TIME: 1115

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 63

TIME: 1130

MESSAGE FOR: Control Room/TSC & EOF Scribes

1130 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 64

TIME: 1130

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 65

TIME: 1145

MESSAGE FOR: Control Room/TSC & EOF Scribes

1145 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 66

TIME: 1145

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 67

TIME: 1200

MESSAGE FOR: Control Room/TSC & EOF Scribes

1200 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 68

TIME: 1200

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 69

TIME: 1200

MESSAGE FOR: Post Accident Sampling Team

1:1000 dilution, no spike (not enough time), 2.0 hr. decay time

Kr-85n	2.0E-3 μCi/cc
Kr-87	5.8E-6 μCi/cc
KR-88	6.4E-3 μCi/cc
Xe-131n	1.2E-6 μCi/cc
Xe-133	5.0E-4 μCi/cc
Xe-133n	6.7E-4 μCi/cc
Xe-135	6.2E-3 μCi/cc
I-131	4.1E-4 μCi/cc
I-132	8.5E-5 μCi/cc
I-133	9.1E-4 μCi/cc
I-135	1.7E-4 μCi/cc

CONTROLLER USE ONLY

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 70

TIME: 1215

MESSAGE FOR: Control Room/TSC & EOF Scribes

1215 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 71

TIME: 1215

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 72

TIME: 1230

MESSAGE FOR: Control Room/TSC & EOF Scribes

1230 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 73

TIME: 1230

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 74

TIME: 1245

MESSAGE FOR: Control Room/TSC & EOF Scribes

1245 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 75

TIME: 1245

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 76

TIME: 1300

MESSAGE FOR: Control Room/TSC & EOF Scribes

1300 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 77

TIME: 1300

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 78

TIME: 1315

MESSAGE FOR: Control Room/TSC & EOF Scribes

1315 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 79

TIME: 1315

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 80

TIME: 1330

MESSAGE FOR: Control Room/TSC & EOF Scribes

1330 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 81

TIME: 1330

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 82

TIME: 1345

MESSAGE FOR: Control Room/TSC & EOF Scribes

1345 OTSC Log Groups

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 83

TIME: 1345

MESSAGE FOR: Control Room, EOF, TSC

RDDS Data

CONTROLLER USE ONLY

USE ONLY IF SIMULATOR FAILS

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

EXERCISE MESSAGE

MESSAGE NO.: 84

TIME: 1400

MESSAGE FOR: Control Room, TSC, EOF, OSA, IAG

Drill terminates

CONTROLLER USE ONLY

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VII. C. OTSC LOG DATA

This section represents data as a direct facsimile of the OTSC/PSSD (SPDS) log data.

These logs are pre-established on the system and are the primary source of information for the Emergency Response Organization. This time specific data will be provided by the Controller when appropriate.

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	97.50	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.32	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.34	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.32	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.32	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	127.98	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.0	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	0	LOGCPS	NE-31
2	INTERM RNG DET 1	2.5E-4	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	2246.3	PSIG	UP1004
4	PRZR LEVEL AVG	54.6	PC	UL1003
5	PZR LIQUID TEMP	650.89	DEGF	NTA-251
6	PZR VAPOR TEMP	650.63	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	89.96	GPM	QFI-200
9	LET DOWN FLOW	76.54	GPM	QFI-301
10	SUBCOOLING	39.4	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	604.08	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	604.09	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	604.13	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	604.10	DEGF	NTR-140
5.	LOOP 1 COLD LEG TEMP	541.29	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	541.36	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	541.28	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	541.30	DEGF	NTR-240
9	RCP1 CURRENT	693.62	AMP	RCP1AM
10	RCP2 CURRENT	712.80.	AMP	RCP2AM
11	RCP3 CURRENT	712.86	AMP	RCP3AM
12	RCP4 CURRENT	693.65	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	800.84	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	800.81	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	800.89	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	800.91	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.40	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	43.57	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	43.58	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	43.65	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	59.96	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	59.93	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.01	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	59.81	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	3895.95	KBH	MFC-110
2	STEAM FLOW LOOP 2	3843.87	KBH	MFC-120
3	STEAM FLOW LOOP 3	3859.96	KBH	MFC-130
4	STEAM FLOW LOOP 4	3871.31	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	3716.02	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	3799.78	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	3789.49	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	3714.81	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	0.00	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	0.00	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	0.00	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	0.00	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 07:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	NT CLS		MRV-210
2	STEAM GEN STOP VALVE NO2	NT CLS		MRV-220
3	STEAM GEN STOP VALVE NO3	NT CLS		MRV-230
4	STEAM GEN STOP VALVE NO4	NT CLS		MRV-240
5	CONDENSATE STORAGE TK LV	82.54	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	97.44	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.26	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.26	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.26	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.26	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

08:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	127.94	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	-0.1	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	0	LOGCPS	NE-31
2	INTERM RNG DET 1	2.5 E-4	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	2246.6	PSIG	UP1004
4	PRZR LEVEL AVG	54.8	PC	UL1003
5	PZR LIQUID TEMP	650.76	DEGF	NTA-251
6	PZR VAPOR TEMP	650.54	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	89.85	GPM	QFI-200
9	LET DOWN FLOW	76.50	GPM	QFI-301
10	SUBCOOLING	39.4	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	604.11	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	604.13	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	604.16	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	604.11	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	541.02	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	541.06	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	541.11	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	541.02	DEGF	NTR-240
9	RCP1 CURRENT	693.88	AMP	RCP1AM
10	RCP2 CURRENT	713.02	AMP	RCP2AM
11	RCP3 CURRENT	713.05	AMP	RCP3AM
12	RCP4 CURRENT	693.81	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	800.45	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	800.23	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	800.50	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	800.50	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	43.05	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	44.25	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	44.60	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	43.20	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	59.84	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.24	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.13	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	59.96	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:00:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	3779.40	KBH	MFC-110
2	STEAM FLOW LOOP 2	3734.10	KBH	MFC-120
3	STEAM FLOW LOOP 3	3761.60	KBH	MFC-130
4	STEAM FLOW LOOP 4	3767.18	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	3746.87	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	3706.68	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	3689.28	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	3779.04	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	0.00	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	0.00	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	0.00	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	0.00	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	NT CLS		MRV-210
2	STEAM GEN STOP VALVE NO2	NT CLS		MRV-220
3	STEAM GEN STOP VALVE NO3	NT CLS		MRV-230
4	STEAM GEN STOP VALVE NO4	NT CLS		MRV-240
5	CONDENSATE STORAGE TK LV	81.76	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	97.44	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.26	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.26	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.26	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.26	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	127.94	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	-0.1	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.84	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	0	LOGCPS	NE-31
2	INTERM RNG DET 1	2.5 E-4	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	2246.5	PSIG	UP1004
4	PRZR LEVEL AVG	54.8	PC	UL1003
5	PZR LIQUID TEMP	650.76	DEGF	NTA-251
6	PZR VAPOR TEMP	650.54	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	88.85	GPM	QFI-200
9	LET DOWN FLOW	76.50	GPM	QFI-301
10	SUBCOOLING	39.4	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	604.11	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	604.11	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	604.18	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	604.11	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	541.06	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	541.01	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	541.11	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	541.08	DEGF	NTR-240
9	RCP1 CURRENT	693.78	AMP	RCP1AM
10	RCP2 CURRENT	713.02	AMP	RCP2AM
11	RCP3 CURRENT	713.08	AMP	RCP3AM
12	RCP4 CURRENT	693.81	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	790.45	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	790.51	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	790.63	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	790.39	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.33	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	43.44	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	43.41	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.09	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.86	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.53	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.48	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.81	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	3774.81	KBH	MFC-110
2	STEAM FLOW LOOP 2	3699.28	KBH	MFC-120
3	STEAM FLOW LOOP 3	3681.62	KBH	MFC-130
4	STEAM FLOW LOOP 4	3792.79	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	3742.47	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	3701.04	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	3679.73	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	3789.10	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	0.00	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	0.00	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	0.00	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	0.00	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:15:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE N01	NT CLS		MRV-210
2	STEAM GEN STOP VALVE N02	NT CLS		MRV-220
3	STEAM GEN STOP VALVE N03	NT CLS		MRV-230
4	STEAM GEN STOP VALVE N04	NT CLS		MRV-240
5	CONDENSATE STORAGE TK LV	81.76	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	97.5	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.26	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.31	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.22	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.26	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	125.87	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	-0.1	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	0	LOGCPS	NE-31
2	INTERM RNG DET 1	2.5 E-4	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	2059.4	PSIG	UP1004
4	PRZR LEVEL AVG	50.2	PC	UL1003
5	PZR LIQUID TEMP	640.59	DEGF	NTA-251
6	PZR VAPOR TEMP	640.96	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	99.47	GPM	QFI-200
9	LET DOWN FLOW	73.49	GPM	QFI-301
10	SUBCOOLING	33.4	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	599.05	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	599.05	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	599.08	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	599.05	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	538.02	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	538.09	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	538.05	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	538.01	DEGF	NTR-240
9	RCP1 CURRENT	694.84	AMP	RCP1AM
10	RCP2 CURRENT	699.05	AMP	RCP2AM
11	RCP3 CURRENT	714.11	AMP	RCP3AM
12	RCP4 CURRENT	694.87	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	791.67	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	791.26	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	791.70	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	791.83	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	43.96	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	44.01	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	44.31	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	43.91	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.11	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.23	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	59.96	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.14	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	3533.11	KBH	MFC-110
2	STEAM FLOW LOOP 2	3612.13	KBH	MFC-120
3	STEAM FLOW LOOP 3	3654.16	KBH	MFC-130
4	STEAM FLOW LOOP 4	3499.32	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	3623.92	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	3649.12	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	3518.39	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	3611.11	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	0.06	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	0.00	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	0.00	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	0.00	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:30:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	NT CLS		MRV-210
2	STEAM GEN STOP VALVE NO2	NT CLS		MRV-220
3	STEAM GEN STOP VALVE NO3	NT CLS		MRV-230
4	STEAM GEN STOP VALVE NO4	NT CLS		MRV-240
5	CONDENSATE STORAGE TK LV	80.76	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	96.49	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	111.78	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	111.79	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	111.79	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	111.78	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	618.27	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	618.27	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	618.27	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	618.27	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

08:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	125.82	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	1.2	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	599.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	1.52E+3	LOGCPS	NE-31
2	INTERM RNG DET 1	1.14E-5	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1688.0	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	565.81	DEGF	NTA-251
6	PZR VAPOR TEMP	609.74	DEGF	NTA-252
7	PRZR-HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	70.90	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	542.86	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	542.86	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	542.30	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	542.86	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	540.36	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	542.49	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	541.84	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	539.86	DEGF	NTR-240
9	RCP1 CURRENT	695.86	AMP	RCP1AM
10	RCP2 CURRENT	697.40	AMP	RCP2AM
11	RCP3 CURRENT	697.04	AMP	RCP3AM
12	RCP4 CURRENT	695.89	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	913.88	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	908.53	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	908.55	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	912.48	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	0.00	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	0.00	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	0.00	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	0.00	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	46.33	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	46.80	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	46.00	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	46.38	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP.89 08:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	78.33	KBH	MFC-110
2	STEAM FLOW LOOP 2	38.29	KBH	MFC-120
3	STEAM FLOW LOOP 3	38.40	KBH	MFC-130
4	STEAM FLOW LOOP 4	73.41	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.10	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.95	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.10	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.96	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	90.14	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	89.89	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	88.31	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	90.96	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 08:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	NT CLS		MRV-210
2	STEAM GEN STOP VALVE NO2	NT CLS		MRV-220
3	STEAM GEN STOP VALVE NO3	NT CLS		MRV-230
4	STEAM GEN STOP VALVE NO4	NT CLS		MRV-240
5	CONDENSATE STORAGE TK LV	79.76	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	85.17	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	72.74	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	72.74	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	72.75	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	72.74	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	626.38	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	626.38	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	626.38	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	626.38	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	198.28	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	1.5	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	600.66	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	600.66	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	1.14 E+2	LOGCPS	NE-31
2	INTERM RNG DET 1	1.31 E-9	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1655.0	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	560.61	DEGF	NTA-251
6	PZR VAPOR TEMP	580.11	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	61.6	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	555.11	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	555.65	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	554.81	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	554.82	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	527.70	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	528.10	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	528.72	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	527.36	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	902.72	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	902.03	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	905.14	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	906.20	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	8.69	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	21.27	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	20.41	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	8.67	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	50.58	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	53.42	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	53.21	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	51.15	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 59 = EP-MSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.14	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.12	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.09	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.01	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.10	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.95	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.10	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.95	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	89.14	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	38.63	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	39.40	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	90.01	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	77.75	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 - 09:15:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	58.78	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	77.22	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	77.22	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	77.22	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	77.22	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	626.38	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	626.38	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	626.38	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	626.38	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:15:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	152.11	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	1.5	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	603.71	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	603.72	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	300.04	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	300.69	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	300.74	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	300.00	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.83	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.23	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.27	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.79	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.07	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.87	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.57	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.17	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

09:15:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.63E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1604.5	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	559.63	DEGF	NTA-251
6	PZR VAPOR TEMP	576.96	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	65.60	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:15:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	543.65	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	543.64	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	543.92	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	543.43	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	520.84	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	520.88	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP.	520.73	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	520.38	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:15:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	893.14	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	815.61	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	821.85	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	898.71	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	32.14	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	23.63	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	22.48	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	32.16	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	55.93	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	54.02	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	54.48	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	55.35	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

09:15:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.06	KBH	MFC-130
4	STEAM FLOW LOOP 4	1.10	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.10	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.95	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.10	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.94	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	62.82	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	72.70	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	69.42	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	62.37	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:15:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	76.75	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 · 09:30:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	32.52	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	77.27	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	77.28	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	77.27	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	77.27	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	626.38	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	626.38	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	626.38	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	626.38	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:30:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	151.11	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	2.0	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	606.74	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	606.74	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:30:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.52E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1660.1	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	551.60	DEGF	NTA-251
6	PZR VAPOR TEMP	573.95	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	81.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:30:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	532.47	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	532.42	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	531.66	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	532.27	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	508.18	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	504.82	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	507.74	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	508.81	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:30:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	805.82	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	804.10	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	819.42	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	805.43	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	25.69	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	29.88	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	29.03	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	27.63	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	54.87	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	55.90	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	55.53	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	55.26	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:30:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	18.41	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	21.01	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	19.48	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	19.17	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:30:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	75.76	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	78.79	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	78.79	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	78.79	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	78.79	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	627.38	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	627.38	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	627.38	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	627.38	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	142.04	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	2.0	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	609.18	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	609.18	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.12E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1779.5	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	540.51	DEGF	NTA-251
6	PZR VAPOR TEMP	565.89	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	94.8	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	527.45	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	527.39	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	527.63	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	527.26	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	503.16	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	503.82	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	503.17	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	503.80	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	782.95	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	798.03	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	797.43	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	781.59	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	26.71	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	33.89	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	34.02	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	27.39	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	55.94	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	56.31	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	56.03	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	56.71	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.10	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.11	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.01	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.10	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	19.43	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	11.01	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	10.71	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	20.21	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 09:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	75.75	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

10:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	77.78	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	77.78	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	77.78	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	77.78	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	626.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	626.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	626.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	626.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	135.03	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	2.0	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	609.79	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	609.79	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

10:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.0 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1795.8	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	539.48	DEGF	NTA-251
6	PZR VAPOR TEMP	559.80	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	98.2	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	525.33	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	525.21	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	525.39	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	525.20	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	501.13	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	501.81	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	501.72	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	501.74	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

10:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	772.13	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	790.41	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	793.26	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	769.92	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	31.83	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	36.02	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	36.33	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	32.10	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	56.49	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	56.02	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	56.07	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	56.41	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:00:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	20.22	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	11.01	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	10.19	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	20.93	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

10:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	74.75	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:15:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	619.34	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	619.34	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	619.34	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	619.34	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:15:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	134.03	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	1.5	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:15:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.0 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1811.1	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	535.48	DEGF	NTA-251
6	PZR VAPOR TEMP	555.12	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	99.63	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	103.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:15:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	521.34	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	521.18	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	521.47	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	521.39	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	497.01	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	497.96	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	497.98	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	497.09	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:15:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	757.18	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	792.39	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	789.13	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	762.14	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	33.74	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	37.91	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	38.22	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	34.29	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	57.91	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	57.31	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	57.22	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	57.07	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

10:15:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	19.19	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	0.02	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	0.21	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	20.31	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:15:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	74.75	PC	CLR-110
6	COND STM DUMP ACTUATION	ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	NT ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.31	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.06	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	77.78	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	77.78	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	77.78	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	77.78	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.21	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.21	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.21	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	613.21	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	133.02	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	1.0	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.63	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	112.82	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.0 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1702.69	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	530.25	DEGF	NTA-251
6	PZR VAPOR TEMP	546.10	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	ON		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	99.8	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	515.12	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	514.96	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	514.89	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	515.21	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	491.12	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	488.99	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	489.49	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	490.03	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	703.14	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	698.16	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	697.83	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	709.13	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	36.89	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	39.41	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	38.91	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	37.14	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.14	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	59.79	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	59.81	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.03	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.39	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	14.64	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.03	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.42	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:30:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	73.78	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.3	/PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	77.78	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	77.78	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	77.78	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	77.78	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	132.01	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.92	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.0 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1598.8	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	525.39	DEGF	NTA-251
6	PZR VAPOR TEMP	539.91	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	104.31	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	505.15	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	505.42	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	505.47	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	505.18	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	475.83	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	475.14	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	475.31	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	475.36	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	659.81	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	661.38	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	660.14	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	558.91	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	40.38	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	42.14	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	42.17	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	40.89	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.14	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	59.48	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	59.79	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.01	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	14.88	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.12	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.39	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	14.68	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 10:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	72.8 / PC		CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.31	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	77.78	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	77.78	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	77.78	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	77.78	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	131.52	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.84	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	15 12.8	PSIG	UP1004
4	PRZR LEVEL AVG	105.5	PC	UL1003
5	PZR LIQUID TEMP	519.8	DEGF	NTA-251
6	PZR VAPOR TEMP	535.12	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	0.00	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	110.3	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	490.13	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	489.67	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	488.93	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	491.31	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	465.03	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	465.14	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	465.31	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	464.89	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	628.84	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	631.45	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	631.48	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	628.93	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.91	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.03	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.12	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.93	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	59.31	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	61.04	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.98	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	59.46	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	14.83	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.02	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.13	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	14.98	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	71.84	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:15:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.31	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:15:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	131.1	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.76	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:15:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1375.41	PSIG	UP1004
4	PRZR LEVEL AVG	89.89	PC	UL1003
5	PZR LIQUID TEMP	515.19	DEGF	NTA-251
6	PZR VAPOR TEMP	525.63	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	49.90	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	105.3	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:15:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	478.96	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	482.31	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	481.19	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	478.78	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	448.19	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	452.63	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	452.19	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	448.31	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:15:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	598.31	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	602.45	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	603.14	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	597.16	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	45.64	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.13	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.19	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	45.53	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.16	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.04	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.09	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.23	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

11:15:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.01	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.64	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.58	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.04	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:15:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	72.1	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:30:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.31	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:30:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	130.51	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.68	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:30:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1249.36	PSIG	UP1004
4	PRZR LEVEL AVG	69.83	PC	UL1003
5	PZR LIQUID TEMP	510.14	DEGF	NTA-251
6	PZR VAPOR TEMP	519.99	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	101.31	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	100.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:30:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	475.36	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	475.29	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	475.31	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	475.25	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	440.53	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	440.48	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	440.49	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	440.57	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

11:30:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	572.31	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	568.13	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	569.31	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	571.43	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.81	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.71	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.14	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.84	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.14	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.89	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.83	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.16	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:30:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.01	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.57	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.66	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.04	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:30:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	70.9	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.06	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.06	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	129.51	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.6	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1150.84	PSIG	UP1004
4	PRZR LEVEL AVG	70.11	PC	UL1003
5	PZR LIQUID TEMP	505.41	DEGF	NTA-251
6	PZR VAPOR TEMP	514.93	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.01	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	100.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	458.84	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	461.03	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	460.14	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	459.63	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	430.14	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	431.68	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	431.74	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	430.89	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	550.98	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	552.63	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	552.58	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	550.41	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.88	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.43	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.44	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.83	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.14	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.65	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.63	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.18	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.04	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.68	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.58	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.09	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 11:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	70.9	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	129.03	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.52	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	1024.90	PSIG	UP1004
4	PRZR LEVEL AVG	70.10	PC	UL1003
5	PZR LIQUID TEMP	500.10	DEGF	NTA-251
6	PZR VAPOR TEMP	510.83	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	100.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	448.88	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	451.34	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	452.68	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	448.87	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	419.94	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	420.34	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	420.35	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	419.93	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

12:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	521.04	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	520.68	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	520.63	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	520.64	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.87	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.43	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.45	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.85	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.14	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.67	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.65	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.18	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT a

20 SEP 89 12:00:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.03	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.68	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.58	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.05	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	70.1	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:15:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:15:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	127.91	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.44	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:15:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	900.04	PSIG	UP1004
4	PRZR LEVEL AVG	70.01	PC	UL1003
5	PZR LIQUID TEMP	490.04	DEGF	NTA-251
6	PZR VAPOR TEMP	500.00	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	95.3	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:15:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	445.83	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	445.49	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	445.47	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	445.82	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	405.88	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	405.31	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	405.34	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	405.85	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:15:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	488.14	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	491.63	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	491.64	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	488.84	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.81	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.16	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.18	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.83	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.14	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.84	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.16	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.85	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

12:15:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.03	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.68	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.62	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.05	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

12:15:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	69.2	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00.

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	126.9	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.36	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	800.46	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	485.01	DEGF	NTA-251
6	PZR VAPOR TEMP	490.64	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	90.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	435.81	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	435.04	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	435.06	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	435.80	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	390.11	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	390.46	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	390.45	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	390.12	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	459.11	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	461.13	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	461.12	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	459.10	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.81	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.33	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.32	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.80	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.11	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.84	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.83	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.13	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.03	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.63	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.62	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.02	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:30:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE N01	CLOSED		MRV-210
2	STEAM GEN STOP VALVE N02	CLOSED		MRV-220
3	STEAM GEN STOP VALVE N03	CLOSED		MRV-230
4	STEAM GEN STOP VALVE N04	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	68.0	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	126.21	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.28	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	698.31	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	480.01	DEGF	NTA-251
6	PZR VAPOR TEMP	484.93	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	88.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	425.13	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	425.81	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	425.79	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	425.15	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	380.21	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	380.61	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	380.63	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	380.23	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

12:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	440.14	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	441.09	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	440.93	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	439.91	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.83	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.22	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.25	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.80	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.04	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.09	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.15	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.16	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.09	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.83	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.81	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.11	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 12:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	68.1	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	125.51	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.2	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	574.31	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	470.13	DEGF	NTA-251
6	PZR VAPOR TEMP	475.22	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	84.9	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	414.93	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	415.16	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	415.24	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	414.89	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	370.01	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	371.05	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	371.07	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	370.11	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	398.84	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	401.63	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	402.25	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	399.14	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.63	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.34	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.36	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.68	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.06	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.81	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.86	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.14	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.04	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.83	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.75	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.09	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	67.10	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:15:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:15:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	124.91	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.12	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:15:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	451.06	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	465.04	DEGF	NTA-251
6	PZR VAPOR TEMP	470.20	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF.		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	73.21	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:15:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	403.84	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	406.15	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	405.84	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	404.14	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	354.14	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	356.04	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	356.09	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	355.10	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:15:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	370.19	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	373.56	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	371.54	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	367.01	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.88	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.26	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.29	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.90	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.06	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.81	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.84	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.16	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT a

20 SEP 89 13:15:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.04	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.69	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.58	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.16	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:15:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	66.1	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:30:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	124.06	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.08	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:30:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	375.20	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	460.01	DEGF	NTA-251
6	PZR VAPOR TEMP	460.98	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.0	GPM	QFI-301
10	SUBCOOLING	60.1	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:30:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	394.01	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	395.88	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	395.63	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	394.03	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	343.81	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	346.19	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	345.98	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	343.91	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:30:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	348.90	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	351.60	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	351.83	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	349.10	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.87	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.23	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.27	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.91	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.06	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.81	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.83	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.10	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:30:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.02	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.83	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.89	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.12	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:30:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	66.0	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:45:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

13:45:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	122.91	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.02	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

13:45:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	374.91	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	455.01	DEGF	NTA-251
6	PZR VAPOR TEMP	455.53	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	73.2	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:45:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	383.91	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	386.14	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	386.53	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	384.04	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	333.42	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	336.14	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	336.14	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	333.92	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89

13:45:00

LOG GROUP 58 = EP-NSSS S-G

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STM GEN OUTLET PRES LP 1	328.14	PSIG	MPP-210
2	STM GEN OUTLET PRES LP 2	331.64	PSIG	MPP-220
3	STM GEN OUTLET PRES LP 3	330.99	PSIG	MPP-230
4	STM GEN OUTLET PRES LP 4	329.04	PSIG	MPP-240
5	STM GEN 1 NARROW LEVEL	44.84	PC	BLP-110
6	STM GEN 2 NARROW LEVEL	45.29	PC	BLP-120
7	STM GEN 3 NARROW LEVEL	45.22	PC	BLP-130
8	STM GEN 4 NARROW LEVEL	44.80	PC	BLP-140
9	STM GEN 1 WIDE LEVEL	60.06	PC	BLI-110
10	STM GEN 2 WIDE LEVEL	60.81	PC	BLI-120
11	STM GEN 3 WIDE LEVEL	60.82	PC	BLI-130
12	STM GEN 4 WIDE LEVEL	60.11	PC	BLI-140

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT a

20 SEP 89 13:45:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.01	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.82	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.69	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.14	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 13:45:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	65.3	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 54 = EP-ESF-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RWST LEVEL	22.39	PC	ILS-950
2	SI PMP N TO LP 1,4 COLD LEG	0.00	GPM	IFI-260
3	SI PMP S TO LP 2,3 COLD LEG	0.00	GPM	IFI-266
4	BIT COLD LEG INJECT FLOW LP1	0.00	GPM	IFI-51
5	BIT COLD LEG INJECT FLOW LP2	0.00	GPM	IFI-52
6	BIT COLD LEG INJECT FLOW LP3	0.00	GPM	IFI-53
7	BIT COLD LEG INJECT FLOW LP4	0.00	GPM	IFI-54
8	ACCUMULATOR TK1 PRESSURE	617.36	PSIG	IPA-110
9	ACCUMULATOR TK2 PRESSURE	617.36	PSIG	IPA-120
10	ACCUMULATOR TK3 PRESSURE	617.36	PSIG	IPA-130
11	ACCUMULATOR TK4 PRESSURE	617.36	PSIG	IPA-140
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 55 = EP-ESF-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	RHR SYSTEM E FLOW	0.00	GPM	IFI-310
2	RHR SYSTEM W FLOW	0.00	GPM	IFI-320
3	CNTMT SPRAY FROM RHR SYSTEM E	0.00	GPM	IFI-330
4	CNTMT SPRAY FROM RHR SYSTEM W	0.00	GPM	IFI-331
5	CNTMT TEMP PRZR COMP	122.2	DEGF	ETR-126
6	H2 CONC TR A HI	0.00	PC	H2-AH
7	CNTMT PRESSURE AVG	0.00	PSIG	UP1001
8	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-320
9	CNTMT SUMP WIDE LEVEL	610.25	FT	NLI-321
10	PZR RELIEF TANK PRESS	4.98	PSIG	NPA-351
11	PZR RELIEF TANK TEMP	119.89	DEGF	NTA-351
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 56 = EP-RCS-1

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	SOURCE RNG DETECTOR 1	5.0 E+1	LOGCPS	NE-31
2	INTERM RNG DET 1	5.01 E-11	LOGMCAMP	NE-35
3	RCS WR PRESSURE AVG	374.91	PSIG	UP1004
4	PRZR LEVEL AVG	69.9	PC	UL1003
5	PZR LIQUID TEMP	450.02	DEGF	NTA-251
6	PZR VAPOR TEMP	450.46	DEGF	NTA-252
7	PRZR HTR GP CPH STATUS	OFF		LS9040
8	CHARGING FLOW	100.0	GPM	QFI-200
9	LET DOWN FLOW	0.00	GPM	QFI-301
10	SUBCOOLING	85.0	DEGF	UT1004
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 59 = EP-NSSS-FLOW

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM FLOW LOOP 1	0.00	KBH	MFC-110
2	STEAM FLOW LOOP 2	0.00	KBH	MFC-120
3	STEAM FLOW LOOP 3	0.00	KBH	MFC-130
4	STEAM FLOW LOOP 4	0.00	KBH	MFC-140
5	FEEDWATER FLOW LOOP 1	0.00	KBH	FFC-210
6	FEEDWATER FLOW LOOP 2	0.00	KBH	FFC-220
7	FEEDWATER FLOW LOOP 3	0.00	KBH	FFC-230
8	FEEDWATER FLOW LOOP 4	0.00	KBH	FFC-240
9	AUX FEEDWATER FLOW LOOP1	15.02	KBH	FFI-210
10	AUX FEEDWATER FLOW LOOP2	15.83	KBH	FFI-220
11	AUX FEEDWATER FLOW LOOP3	15.87	KBH	FFI-230
12	AUX FEEDWATER FLOW LOOP4	15.07	KBH	FFI-240

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 57 = EP-RCS-2

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	LOOP 1 HOT LEG TEMP	378.12	DEGF	NTR-110
2	LOOP 2 HOT LEG TEMP	382.16	DEGF	NTR-120
3	LOOP 3 HOT LEG TEMP	382.14	DEGF	NTR-130
4	LOOP 4 HOT LEG TEMP	378.51	DEGF	NTR-140
5	LOOP 1 COLD LEG TEMP	323.33	DEGF	NTR-210
6	LOOP 2 COLD LEG TEMP	327.63	DEGF	NTR-220
7	LOOP 3 COLD LEG TEMP	326.15	DEGF	NTR-230
8	LOOP 4 COLD LEG TEMP	324.16	DEGF	NTR-240
9	RCP1 CURRENT	0.00	AMP	RCP1AM
10	RCP2 CURRENT	0.00	AMP	RCP2AM
11	RCP3 CURRENT	0.00	AMP	RCP3AM
12	RCP4 CURRENT	0.00	AMP	RCP4AM

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

LOG GROUP

D C COOK
UNIT 2

20 SEP 89 14:00:00

LOG GROUP 60 = EP-NSSS-PATHWAY

POINT	DESCRIPTION	VALUE	UNITS	TAG NO.
1	STEAM GEN STOP VALVE NO1	CLOSED		MRV-210
2	STEAM GEN STOP VALVE NO2	CLOSED		MRV-220
3	STEAM GEN STOP VALVE NO3	CLOSED		MRV-230
4	STEAM GEN STOP VALVE NO4	CLOSED		MRV-240
5	CONDENSATE STORAGE TK LV	64.9	PC	CLR-110
6	COND STM DUMP ACTUATION	NT ACT		LA1010
7	MS ATMOSPHERIC RELIEF ACTUATION	ACT		LA1011
8				
9				
10				
11				
12				

DRILL INFORMATION
THESE EVENTS DID NOT OCCUR

CREATE LOG GROUP
PRINT LOG
DIGITAL TREND

INSTRUCTIONS
1. POSITION CURSOR ON DESIRED FUNCTION
2. DEPRESS SELECT

VII. D. THERMOCOUPLE MAPS

Since the sequence of events in this scenario do not result in elevated core temperatures only one (normal) thermocouple map is provided in the event of simulator failure.

Reactor coolant temperature during cooldown may be taken from OTSC log data.

DRILL DATA

1989 COOK PLANT GRADED EXERCISE
THERMOCOUPLE DATA

DRILL DATA

Date 9/20/89 Time 0800

Core Exit Ave. 592 °F

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A								594	594		587				
B			570		587					587					
C			570					594				587	570		
D			587				599		599						
E		587		598		598		599		598				587	
F					598				599		598	598			587
G		594		599				596	596		599				
H	594		594		599			596	596		599		594	594	
J							596			599					
K			587		598						598		587		587
L	587	587						599	599			598		587	
M					598					598		598	587		
N		570	570					594	594				570		
P					587		594				587				
R					587			594		587					

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VIII. A. IN PLANT RADIATION DATA

The following dose rates are provided for use by the Radiation Protection Director in the OSA and by the Damage Control Teams working throughout the Plant. Dose rates are provided for fifteen minute intervals from 0830 to 1115.

The dose rates indicated in the table will be provided only after players have requested such information.

IN PLANT DOSE RATES (mR/hr)

AREA	TIME										
	0830-0845	0846-0900	0901-0915	0916-0930	0931-0945	0946-1000	1001-1015	1016-1030	1031-1045	1046-1100	1101-1115
El. 573											
Outside CTS Pump Rooms	61.2	33	18	10	5	5	5	5	4	4	4
Outside RHR Pump Rooms	35.2	19	11	6	3	3	3	3	3	2	2
Pump Rooms	1,270	700	379	208	113	107	102	97	92	87	82
N-S Corridor	24	13	7	4	2	*	*	*	*	*	*
El. 587/591											
Vestibule	13	7	4	2	*	*	*	*	*	*	*
Est Aux. Bld. Sampling Room	2.0	7	4	2	*	*	*	*	*	*	*
Spray Additive Tank Room	13.2	7									
Est of Charging Pump Room	19.3	11	6	3	*	*	*	*	*	*	*
Charging Pump Rooms	300	166	91	50	27	25	22	20	18	17	17
E-W Corridor	45	25	14	7	4	4	3	3	3	3	2
N-S End	90	50	27	15	8	7	7	6	5	5	5
Outside SI Pumps	68	37	20	11	6	6	5	5	4	4	3
El. 609											
CTS Hx Rooms	542	294	163	89	49	44	40	36	33	31	30
RHR Hx Rooms	399	216	119	65	36	33	30	27	24	23	22
Corridor between Hx's	*	*	*	*	*	*	*	*	*	*	*
N-S Corridor	18	10	5	3	2	*	*	*	*	*	*
Sth End of Aux.	*	*	*	*	*	*	*	*	*	*	*
Vestibule	13	7	4	2	*	*	*	*	*	*	*

*As read dose rates.

IN PLANT DOSE RATES (mR/hr)

AREA	TIME										
	0830-0845	0846-0900	0901-0915	0916-0930	0931-0945	0946-1000	1001-1015	1016-1030	1031-1045	1046-1100	1101-1115
El. 633											
Hx Area	1020	559	305	167	92	83	76	68	62	59	56
Between Letdown Hx	216	118	65	35	19	18	16	15	13	12	*
Around Control Rooms	*	*	*	*	*	*	*	*	*	*	*
El. 650											
Hot Machine Shop	24	13	7	4	2	*	*	*	*	*	*
Refuel Floor	7	4	2	*	*	*	*	*	*	*	*
Wst End	*	*	*	*	*	*	*	*	*	*	*

* As read dose rates.

IN-PLANT AIRSAMPLE RESULTS

Elev.	573		587		609		633		650	
Time	I^2	P^-	I^2	P^-	I^2	P^-	I^2	P^-	I^2	P^-
0845	1.2E-9	4.23E-11	9.4E-10	6.00E-11	3.60E-9	4.30E-10	1.30E-10	4.31E-10	1.46E-10	3.26E-11
0900	1.3E-9	4.30E-11	9.7E-10	4.23E-11	4.79E-9	4.41E-10	1.29E-10	3.12E-10	1.50E-10	4.10E-11
0915	1.1E-9	8.40E-11	1.1E-9	8.40E-11	5.50E-9	9.31E-10	2.41E-10	2.59E-10	2.25E-10	3.12E-11
0930	2.0E-9	9.20E-11	1.3E-9	9.20E-11	1.34E-8	1.45E-9	1.21E-10	5.41E-10	3.10E-10	6.79E-11
0945	2.25E-9	5.62E-10	1.3E-9	1.00E-10	2.40E-7	2.61E-8	4.36E-9	9.26E-10	3.02E-10	3.09E-11
1000	3.00E-9	7.5E-10	1.3E-9	5.32E-10	4.12E-7	3.12E-7	3.14E-9	1.32E-9	1.07E-10	2.10E-11
1015	6.28E-9	1.31E-9	1.2E-9	6.29E-10	4.37E-7	5.92E-8	5.23E-9	1.43E-9	1.42E-10	4.55E-11
1030	9.30E-9	6.33E-9	1.4E-9	8.10E-10	5.65E-7	9.36E-8	7.49E-9	2.01E-9	2.3E-10	3.33E-11
1045	3.12E-9	9.12E-10	9.4E-10	7.10E-10	4.01E-7	4.31E-8	3.21E-9	8.73E-10	1.63E-10	1.21E-11
1100	2.41E-9	6.2E-10	9.7E-10	5.34E-10	4.6E-9	3.39E-10	2.41E-10	6.01E-10	1.51E-10	2.1E-11
1115	6.09E-10	4.40E-10	1.4E-9	4.41E-11	3.42E-10	4.20E-10	5.67E-10	3.12E-10	1.04E10	2.02E-11
1130	6.10E-10	3.50E-10	1.0E-9	3.20E-11	3.45E-10	1.31E-10	3.23E-10	3.00E-10	2.21E-10	1.90E-11

(1) Highest air sample concentrations are at source (RHR pumps and associated Heat Exchangers). Concentrations decrease the farther from the source the air sample is collected.

(2) 25% 1 MPC for Iodine ^{131} = 2.25E-09 µCi/cc (9.0E-09)
(3) 25% 1 MPC for Particulates (unidentified)= 7.5E-10 µCi/cc (3.0E-09)
(4) All results in µCi/cc

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

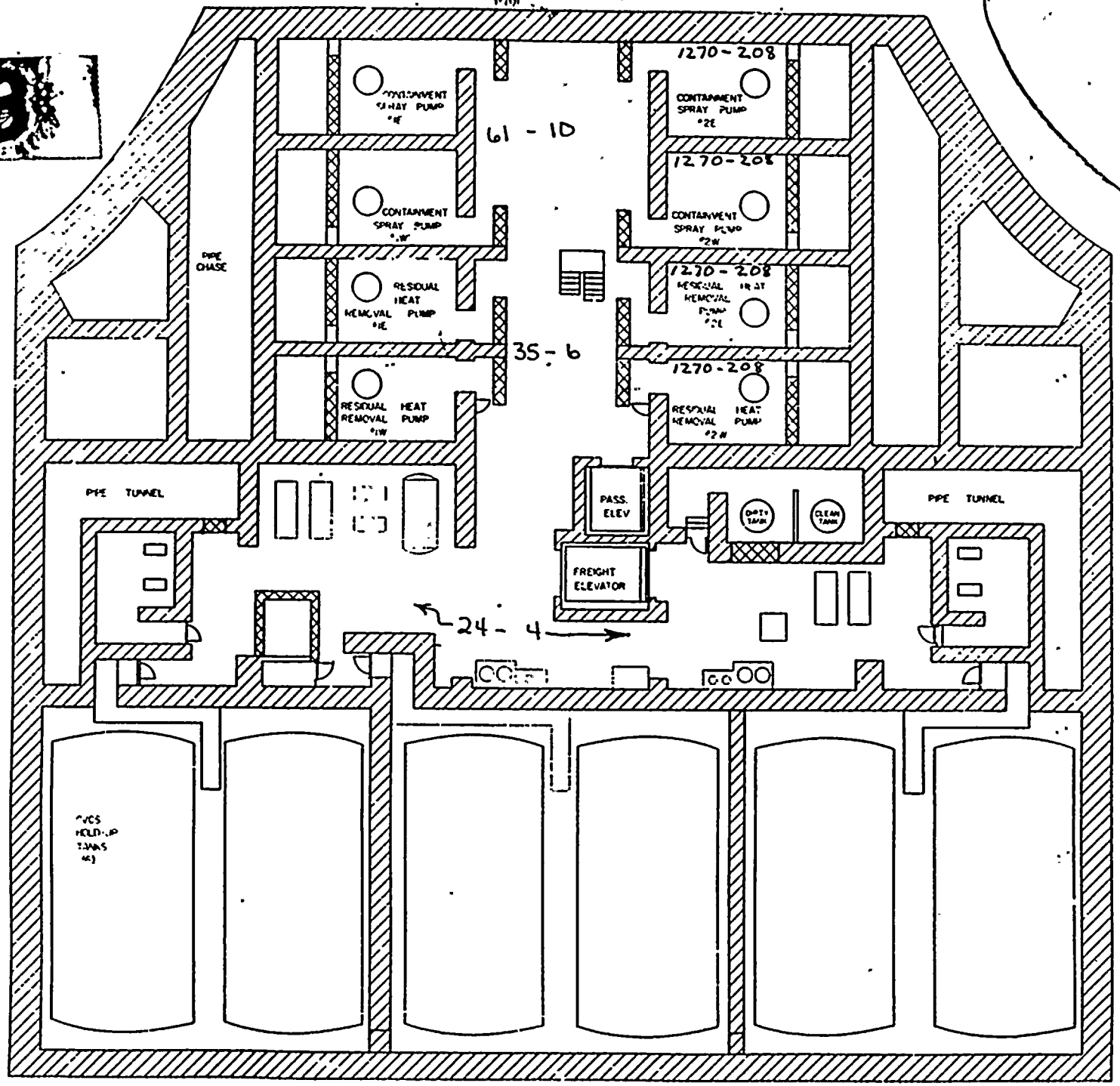
VIII. B. ON SITE RADIATION DATA

The on site, out-of-plant radiological conditions are attributed to the release from the Unit 2 containment (designed leakage).

Maps will be provided for use by the On Site Survey Team Controllers. Maps are provided for fifteen minute intervals from 0845 to 1115.

The dose rates and contamination levels indicate in the tables will be provided to the survey teams only after the teams have demonstrated the correct procedure for obtaining dose rates.

Dose Rates in mR/hr

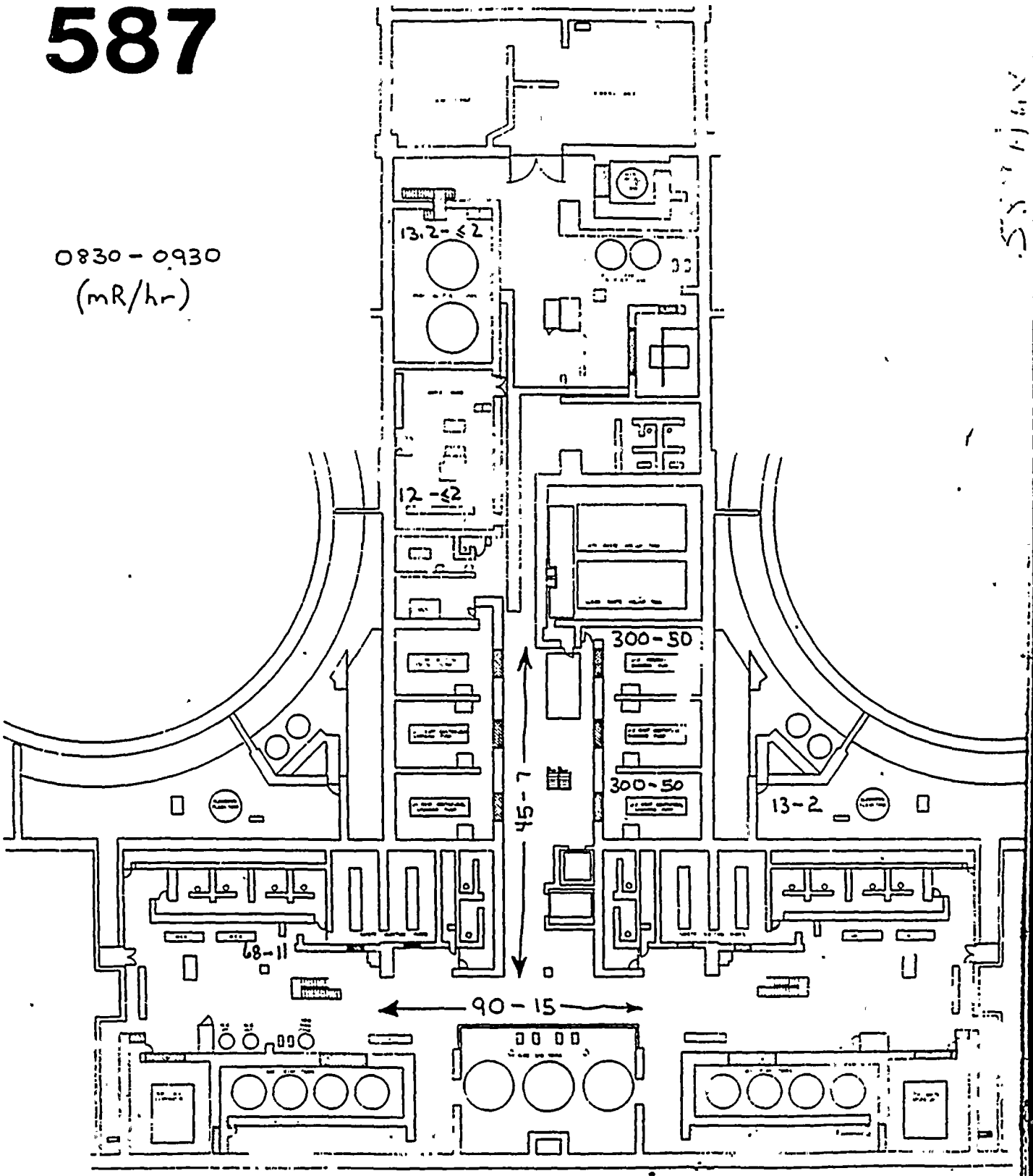


0830-0930
(mR/hr)

17"
11"
8.5"
11"
8.5"
17"
11"
8.5"
8.5"
11"

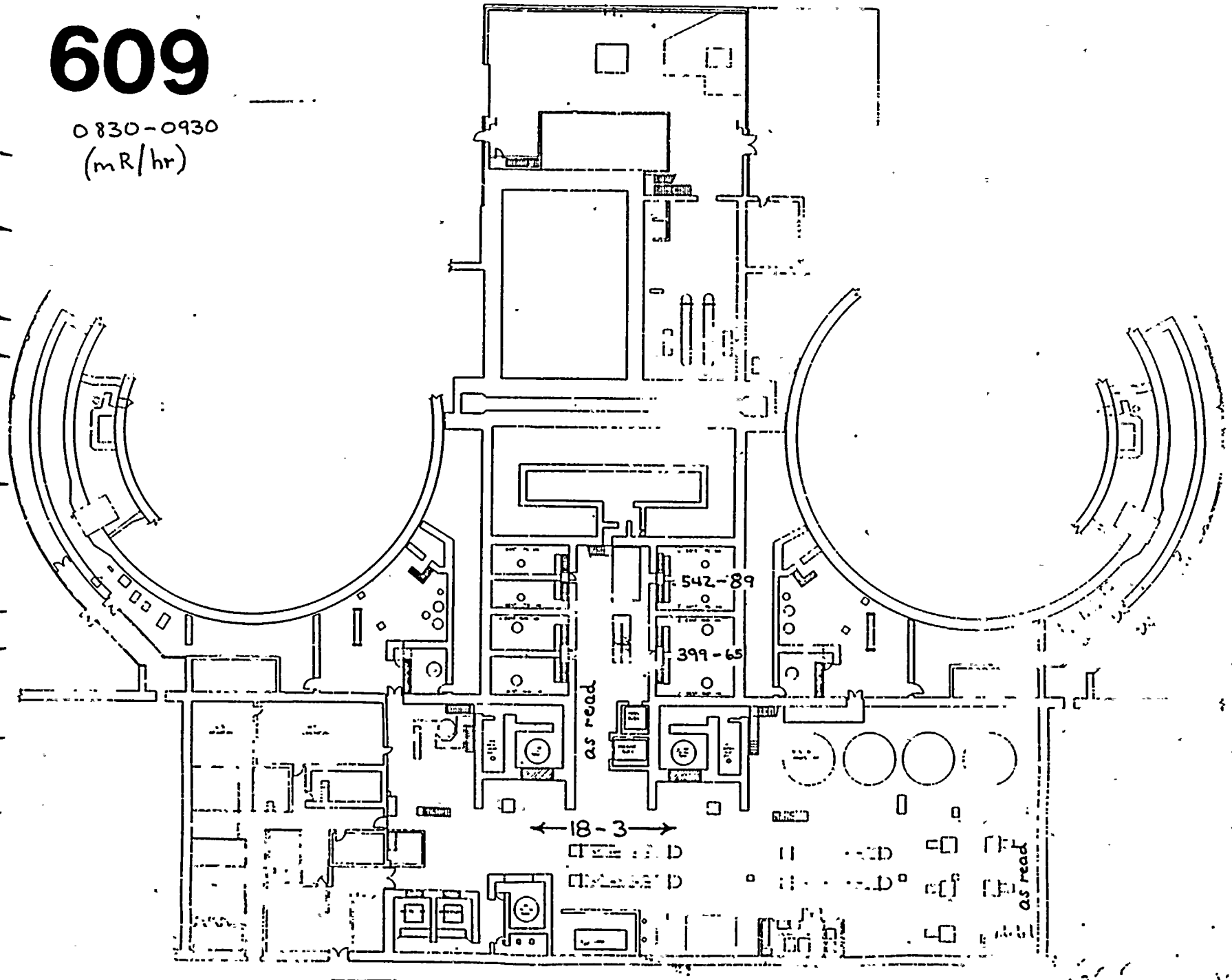
587

0830 - 0930
(mR/hr)

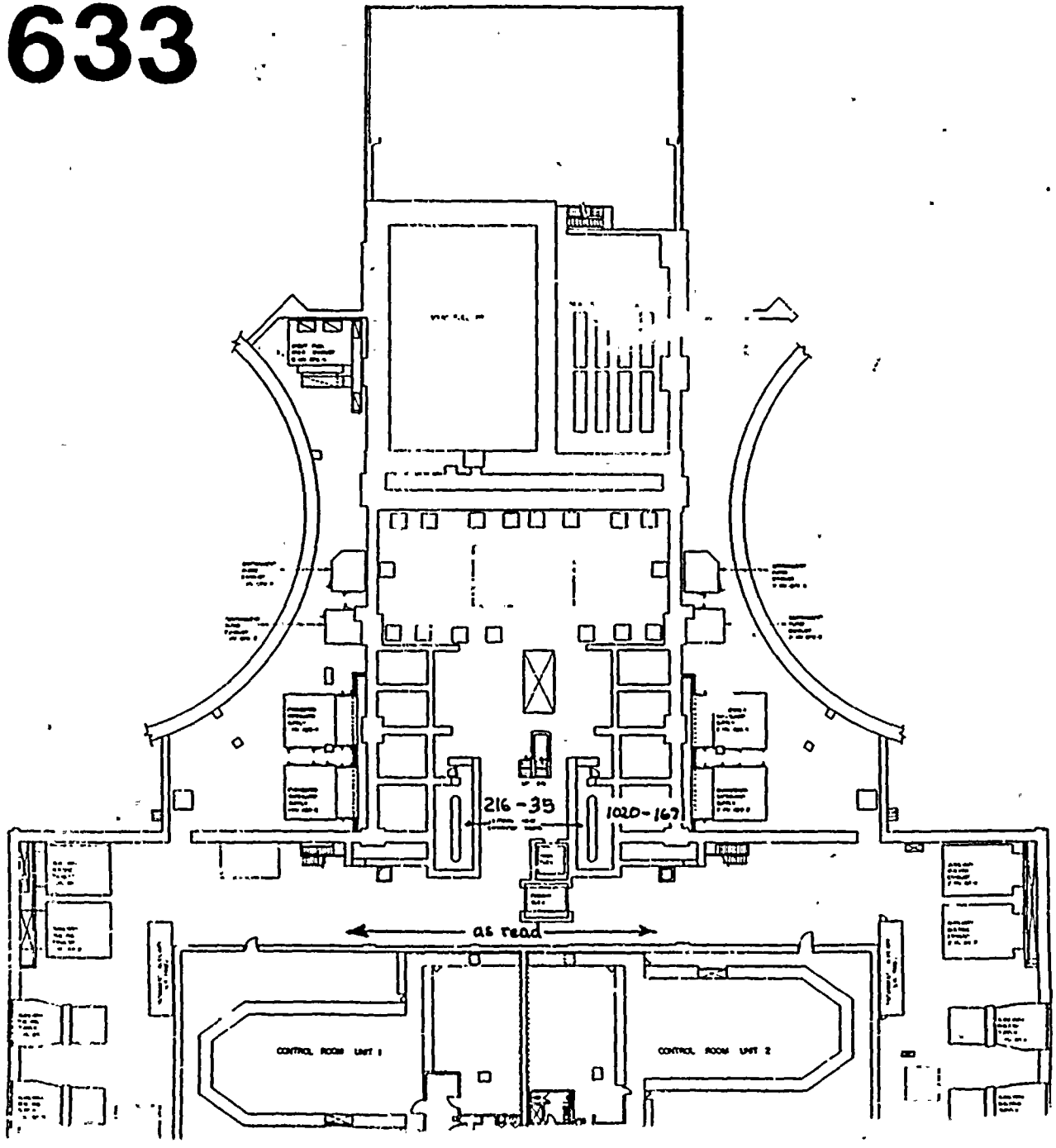


609

0830-0930
(mR/hr)

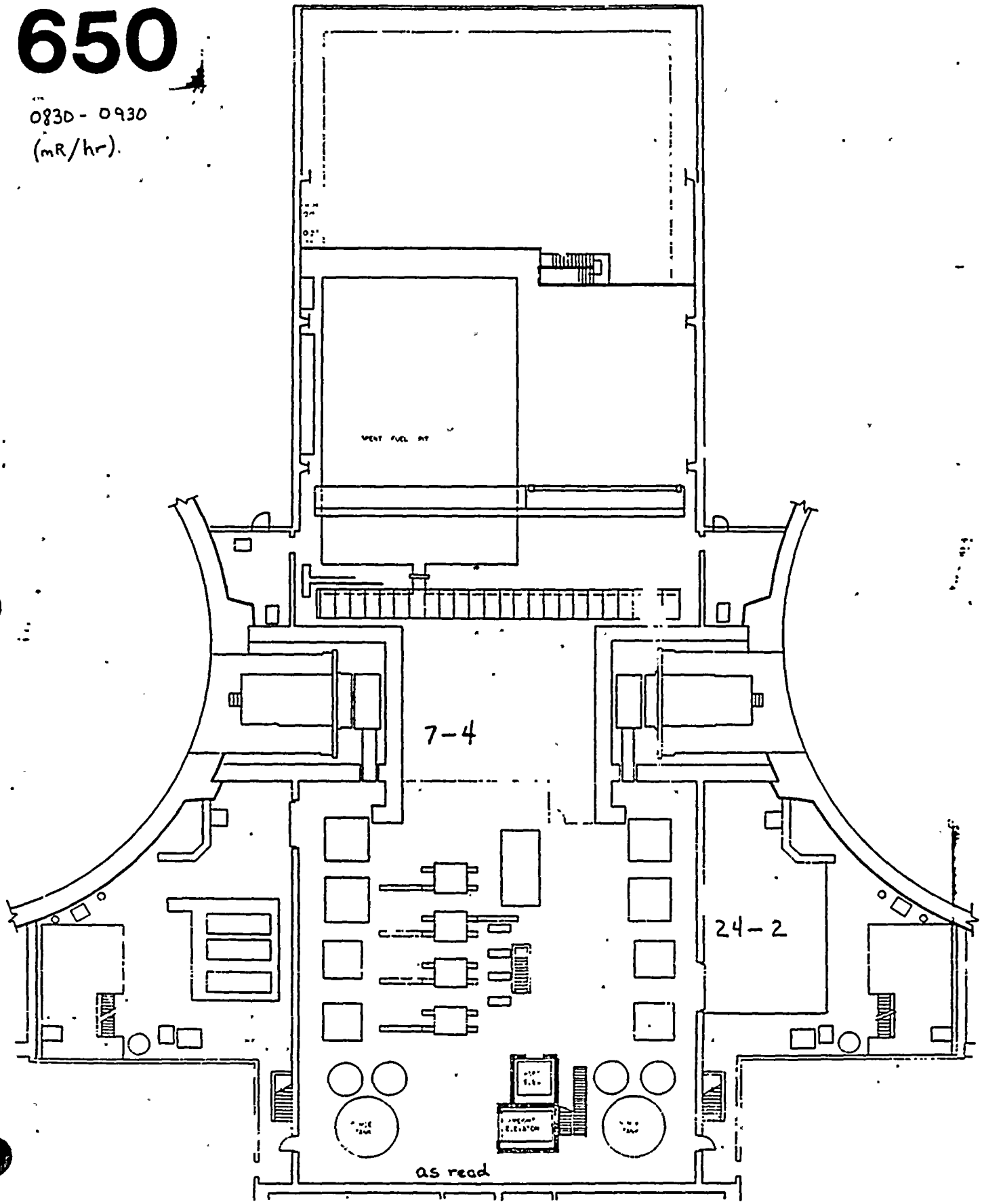


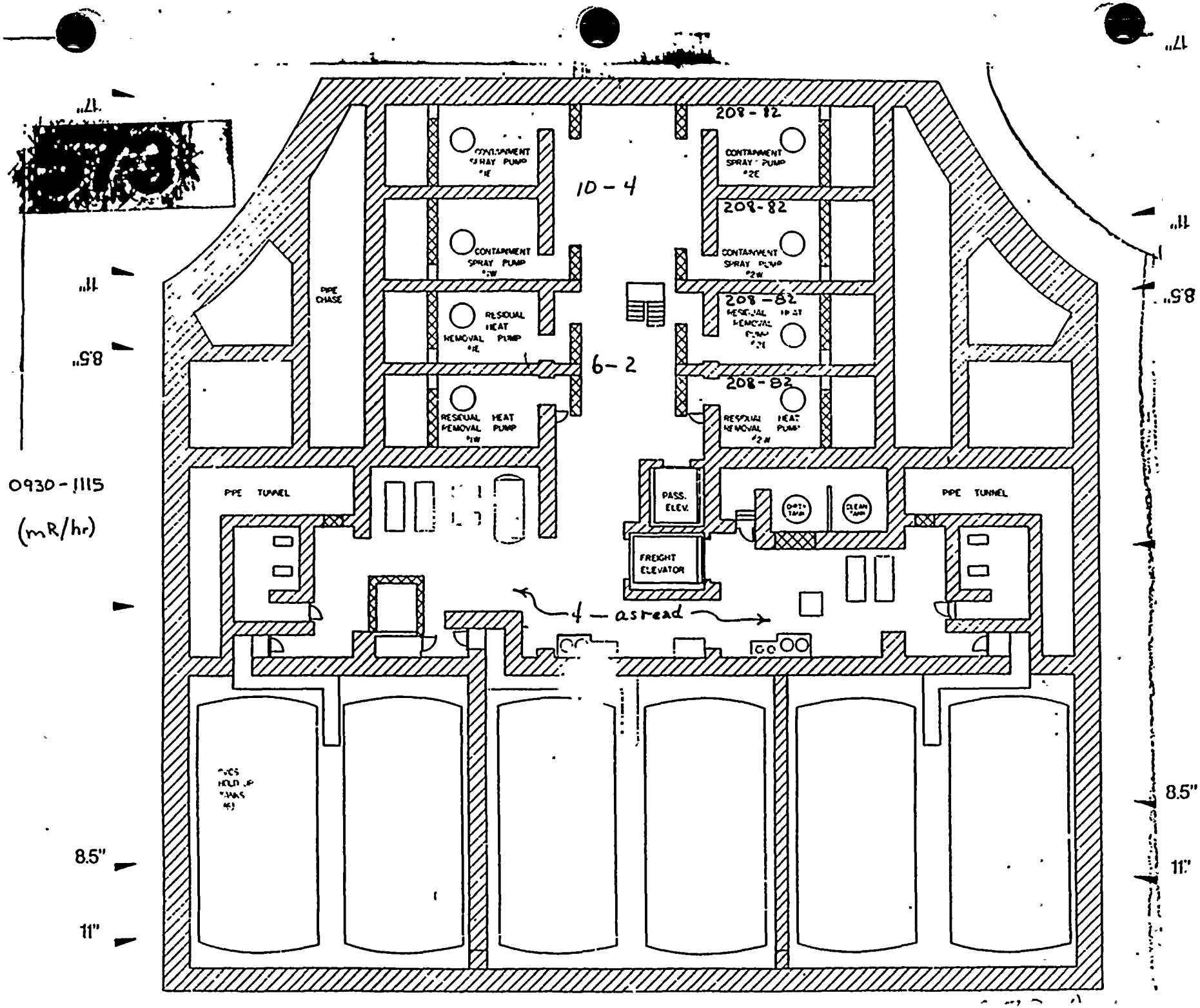
633


216-35
1020-167
as read
CONTROL ROOM UNIT 1
CONTROL ROOM UNIT 2

650

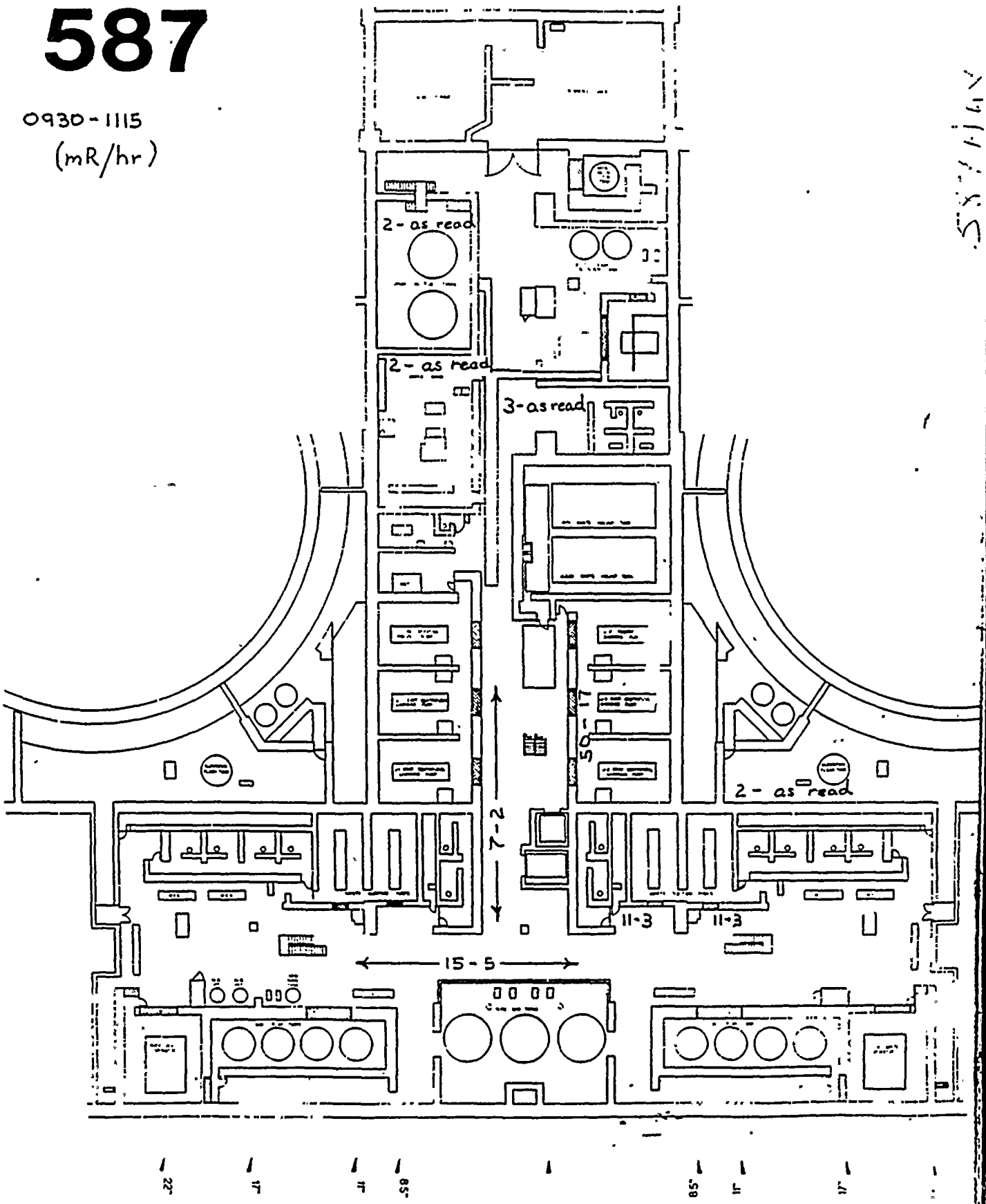
0830 - 0930
(mR/hr).




208-82
CONTAINMENT SPRAY PUMP
10-4
208-82
CONTAINMENT SPRAY PUMP
PIPE CHASE
RESIDUAL HEAT REMOVAL PUMP
6-2
208-82
RESIDUAL HEAT REMOVAL PUMP
PIPE TUNNEL
PASS. ELEV.
FREIGHT ELEVATOR
4 - as read
PIPE TUNNEL
0930-1115
(mR/hr)
8.5"
11"

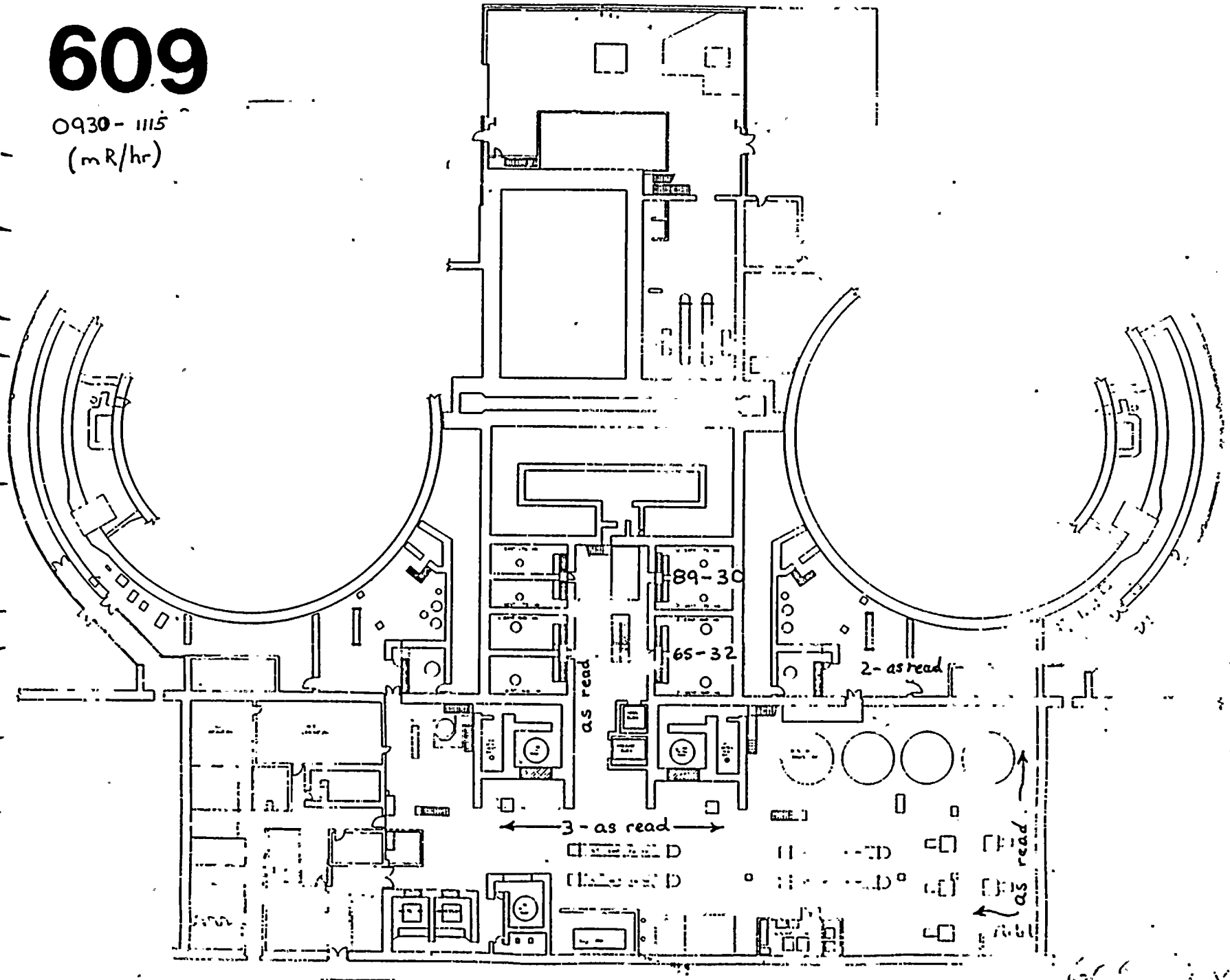
587

0930-1115
(mR/hr)



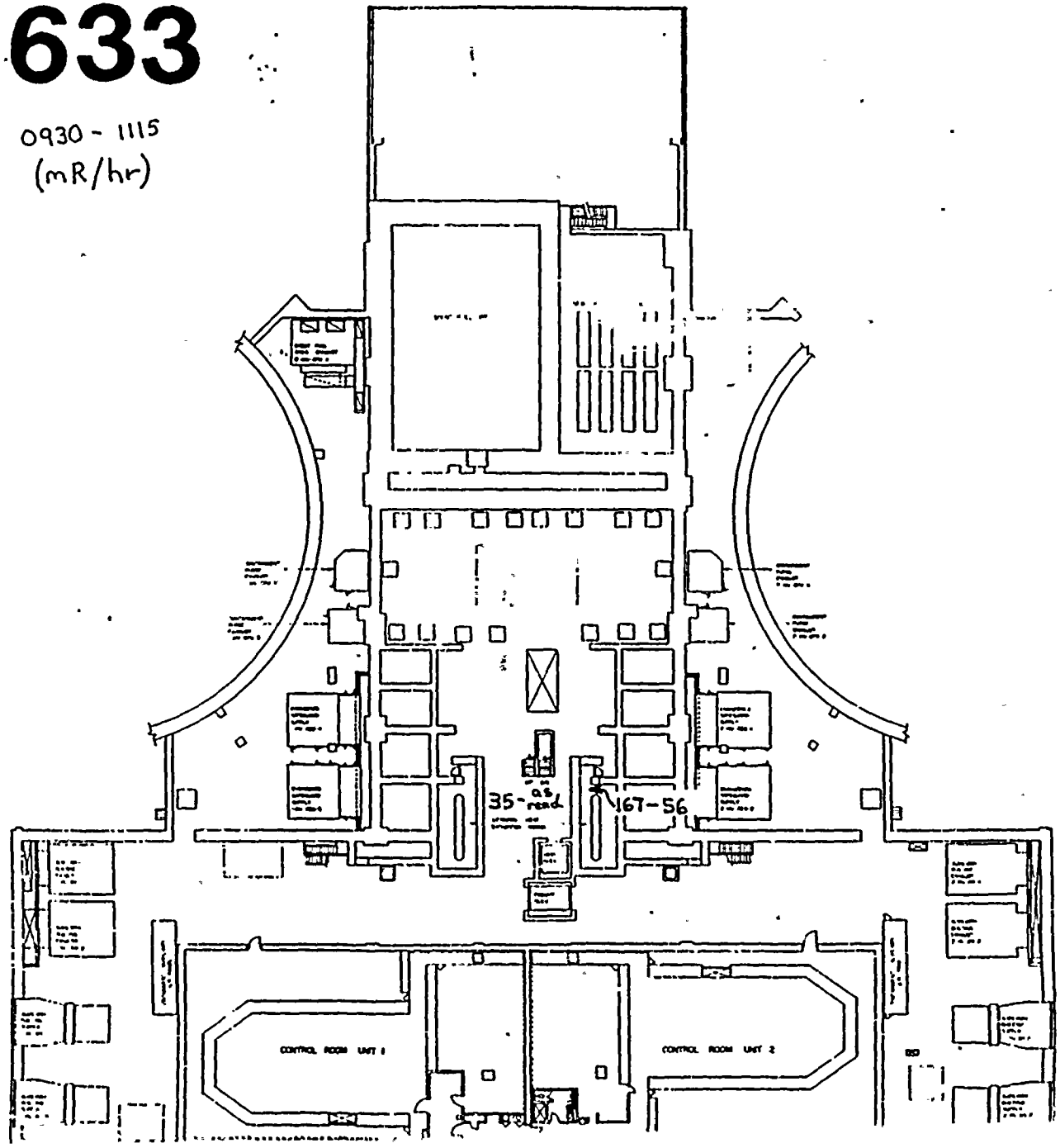
609

0930 - 1115
(mR/hr)



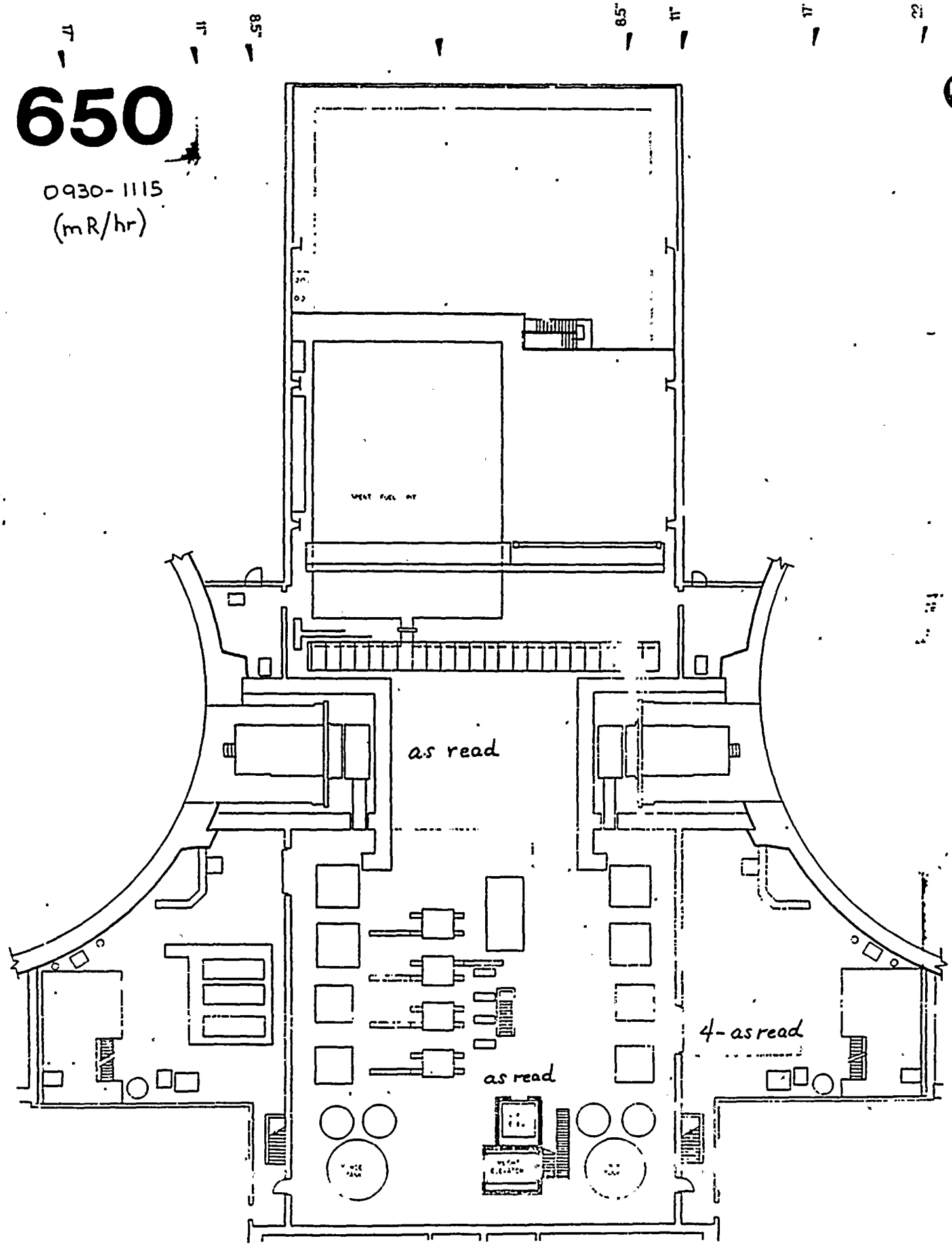
633

0930 - 1115
(mR/hr)



650

0930-1115
(mR/hr)



ON-SITE, OUT OF PLANT DATA

TIME	DOSE RATES (mR/hr) FROM CONTAINMENT ≦ 40 ft.	≦ 100 ft.	AIR SAMPLE DATA (μCi/cc) Particulates	Iodine
0830 - 0845	20.0	5.14	< 7.5 E-10	2.82 E-4
0846 - 0900	14.3	3.7	< 7.5 E-10	2.84 E-4
0901 - 0915	10.2	2.6	< 7.5 E-10	2.84 E-4
0916 - 0930	7.3	2.0	< 7.5 E-10	2.85 E-4
0931 - 0945	6.8	*	< 7.5 E-10	2.85 E-4
0946 - 1000	6.4	*	< 7.5 E-10	2.86 E-4
1001 - 1015	5.9	*	< 7.5 E-10	2.85 E-4
1016 - 1030	5.5	*	< 7.5 E-10	2.87 E-4
1031 - 1045	5.3	*	< 7.5 E-10	2.87 E-4
1046 - 1100	5.0	*	< 7.5 E-10	2.62 E-4
1101 - 1115	4.8	*	< 7.5 E-10	< 2.25 E-9
1116 - 1130	4.6	*	< 7.5 E-10	< 2.25 E-9

* As read value

TIME	dpm/100 cm^2 ≦ 40 ft.	≦ 100 ft.	mRad/hr (5 cm. from surface) ≦ 40 ft.	≦ 100 ft.
0830 - 0845	4.96 E-7	9.39 E-6	1.49 E-3	281
0846 - 0900	4.96 E-7	9.39 E-6	1.49 E-3	281
0901 - 0915	5.06 E-7	9.39 E-6	1.49 E-3	281
0916 - 0930	5.16 E-7	9.42 E-6	1.49 E-3	281
0931 - 0945	5.86 E-7	9.43 E-6	1.49 E-3	281
0946 - 1000	6.96 E-7	9.55 E-6	1.49 E-3	287
1001 - 1015	7.96 E-7	9.72 E-6	2.39 E-3	292
1016 - 1030	8.12 E-7	9.88 E-6	2.44 E-3	296
1031 - 1045	8.31 E-7	1.02 E-7	2.49 E-3	306
1046 - 1100	8.31 E-7	1.09 E-7	2.49 E-3	327
1101 - 1115	8.29 E-7	1.21 E-7	2.49 E-3	363
1116 - 1130	8.50 E-7	1.03 E-7	2.55 E-3	309

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VIII. C. DOSE PROJECTION DATA

This section is intended to serve as a base reference for the environmental assessment controller to determine the validity of dose projections performed by the players. It is not anticipated that the players will obtain the exact results contained in this scenario due to variance in the assumptions used.

The assumptions applied in the scenario dose projections are as follows:

1. RELEASE DURATION: Started at 0827, ran with 8.0 hours and decreased at 0.25 hour intervals thereafter.

2. COOLANT ACTIVITY: Selected failed fuel (cladding failure) gap activity release.

3. TIME OF SHUTDOWN: Assumed 0833.

VIII. C. DOSE PROJECTION DATA (CONTINUED)

Scenario predictions of dose projection results are given in the following table. The definition and units associated with tabulated dose projection parameters are as follows:

DR_{wb} - Whole body dose rate in mrem/h.

D_{wb} - Whole body dose in mrem. This is the projected dose, not the integrated dose.

DR_{thy} - Thyroid dose rate in mrem/h.

D_{thy} - Thyroid dose in mrem. This is the projected dose, not the integrated dose.

$\bar{E}$ - Average gamma energy in MeV.

q_{ng} - Noble gas release rate in Ci/s.

q_i - Iodine 131 equivalent release rate in Ci/s.

EAL - Classification mandated by dose.

In addition to the dose projection data, this section also provides meteorology data and forecast. This data should be provided only after the player has successfully demonstrated the ability to obtain it.

DOSE PROJECTION RESULTS

TIME	DISTANCE	DRwb *	Dwb **	DRthy *	Dthy **	E ***	qng #	qi #	EAL
0845	SB	5.45E-02	3.95E-01	2.09E+02	1.52E+03				ALERT
	2 Mile	6.51E-03	4.72E-02	1.14E+01	8.26E+01	2.08E-01	1.70E-02	2.37E-03	
	5 Mile	1.48E-03	1.07E-02	2.17E+00	1.57E+01				
	10 Mile	4.44E-04	3.22E-03	6.18E-01	4.48E+00				FGH
0900	SB	4.90E-02	3.68E-01	2.00E+02	1.50E+03				ALERT
	2 Mile	5.87E-03	4.40E-02	1.09E+01	8.17E+01	1.99E-01	1.61E-02	2.27E-03	
	5 Mile	1.33E-03	9.97E-03	2.08E+00	1.56E+01				
	10 Mile	4.00E-04	3.00E-03	5.91E-01	4.43E+00				FGH
0915	SB	4.45E-02	3.45E-01	1.92E+02	1.49E+03				
	2 Mile	5.32E-03	4.13E-02	1.05E+01	8.10E+01	1.90E-01	1.53E-02	2.17E-03	
	5 Mile	1.21E-03	9.35E-0	1.99E+00	1.54E+01				
	10 Mile	3.63E-04	2.81E-03	5.67E-01	4.39E+00				FGH
0930	SB	4.01E-01	2.40E-01	1.82E+02	1.09E+03				ALERT
	2 Mile	4.79E-03	2.88E-02	9.93E+00	5.96E+01	1.82E-01	1.44E-02	2.07E-03	
	5 Mile	1.09E-03	6.52E-03	1.89E+00	1.14E+01				
	10 Mile	3.27E-04	1.96E-03	5.38E-01	3.23E+00				DEF
0945	SB	3.74E-02	2.52E-01	1.79E+02	1.21E+03				
	2 Mile	4.47E-03	3.02E-02	9.75E+00	6.58E+01	1.74E-01	1.40E-02	2.03E-03	
	5 Mile	1.01E-03	6.84E-03	1.86E+00	1.25E+01				
	10 Mile	3.05E-04	2.06E-03	5.29E-01	3.57E+00				DEF
1000	SB	3.31E-02	2.15E-01	1.67E+02	1.08E+03				
	2 Mile	3.96E-03	2.58E-02	9.08E+00	5.90E+01	1.67E-01	1.29E-02	1.89E-03	
	5 Mile	8.98E-04	5.84E-03	1.73E+00	1.13E+01				
	10 Mile	2.70E-04	1.76E-03	4.93E-01	3.20E+00				DEF

* = Dose Rate in mR/hr., ** = Dose in mR, *** = Energy in Mev/Dis. # = Release rate in Ci/sec.

DOSE PROJECTION RESULTS

TIME	DISTANCE	DRwb *	Dwb **	DRthy *	Dthy **	E ***	qng #	qi #	EAL
1015	SB	3.31E-02	2.15E-01	1.67E+02	1.08E+03				
	2 Mile	3.96E-03	2.58E-02	9.08E+00	5.90E+01	1.67E-01	1.29E-02	1.89E-03	
	5 Mile	8.98E-04	5.84E-03	1.73E+00	1.13E+01				
	10 Mile	2.70E-04	1.76E-03	4.93E-01	3.20E+00				DEF
1030	SB	3.84E-02	2.40E-01	2.03E-01	1.27E+03				
	2 Mile	4.60E-03	2.87E-02	1.11E+01	6.91E+01	1.61E-01	1.25E-02	1.84E-03	
	5 Mile	1.04E-03	6.51E-03	2.11E+00	1.32E+01				
	10 Mile	3.14E-04	1.96E-03	6.00E-01	3.75E+00				EFG
1045	SB	3.53E-02	2.12E-01	1.96E+02	1.17E+031				
	2 Mile	4.23E-03	2.54E-02	1.07E+01	6.39E+01	1.54E-01	1.19E-02	1.77E-03	
	5 Mile	9.58E-04	5.75E-03	2.03E+00	1.22E+01				
	10 Mile	2.88E-04	1.73E-03	5.78E-01	3.74E+00				EFG
	SB								
	2 Mile								
	5 Mile								
	10 Mile								
	SB								
	2 Mile								
	5 Mile								
	10 Mile								

* = Dose Rate in mR/hr.
** = Dose in mR
*** = Energy in Mev/Dis.
\# = Release rate in Ci/sec

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VIII. D. METEOROLOGICAL SUMMARY

The meteroological conditions at initiation of the exercise will be standard for a September morning. Low 50's with winds varying from the west to northwest. Partly sunny with slow winds.

TIME	10m WIND DIRECTION	60m WIND DIRECTION	DIFFERENTIAL TEMPERATURE	STABILITY CLASS	WIND SPEED	PRECIP
0845	326	326	- 1.5	C	5	NONE
0900	326	326	- 1.4	C	5	NONE
0915	326	326	- 1.4	C	5	NONE
0930	268	268	- 1.5	C	5	NONE
0945	268	268	- 1.5	C	5	NONE
1000	268	268	- 1.4	C	5	NONE
1015	300	300	- 1.5	C	4	NONE
1030	300	300	- 1.5	C	4	NONE
1045	300	300	- 1.5	C	4	NONE
1100	300	300	- 1.4	C	4	NONE
1115	300	300	- 1.4	C	4	NONE
1130	300	300	- 1.4	C	5	NONE
1145	300	300	- 1.4	C	5	NONE
1200	300	300	- 1.4	C	5	NONE
1215	300	300	- 1.4	C	5	NONE
1230	300	300	- 1.4	C	5	NONE

DONALD C. COOK NUCLEAR PLANT

EMERGENCY RESPONSE EXERCISE

VIII. E. RMS DATA

Radiation monitor data displayed by the Eberline RMS terminal will be driven by the simulator computer in accordance with simulated plant parameters during the exercise.

The attached sheets however, are reasonable facsimiles of the RMS radiation monitor channel displays at the times shown on each sheet. These are provided solely for use in the event of simulator or simulated RMS data display failure during the exercise.

0830

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH
010

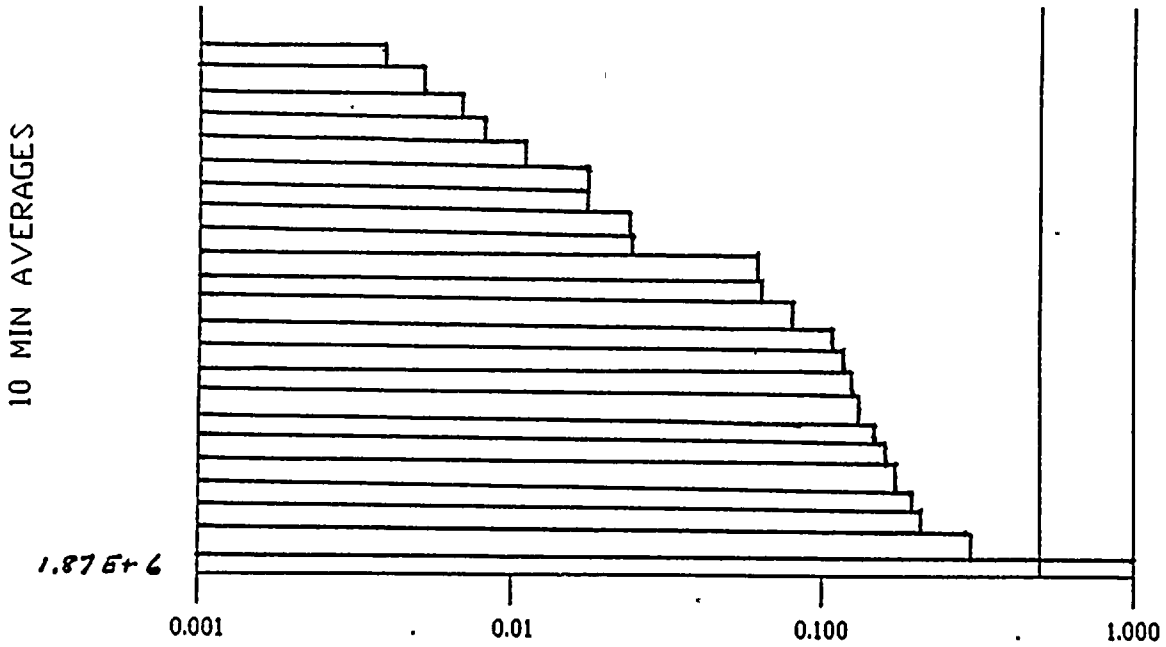
UNINIT..NORM..ALERT..MAINT..STAND-BY..

0830

STATUS :

HISTORY OF UNIT 24-01
BETA PARTICULATE uCi

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 1.62E-005

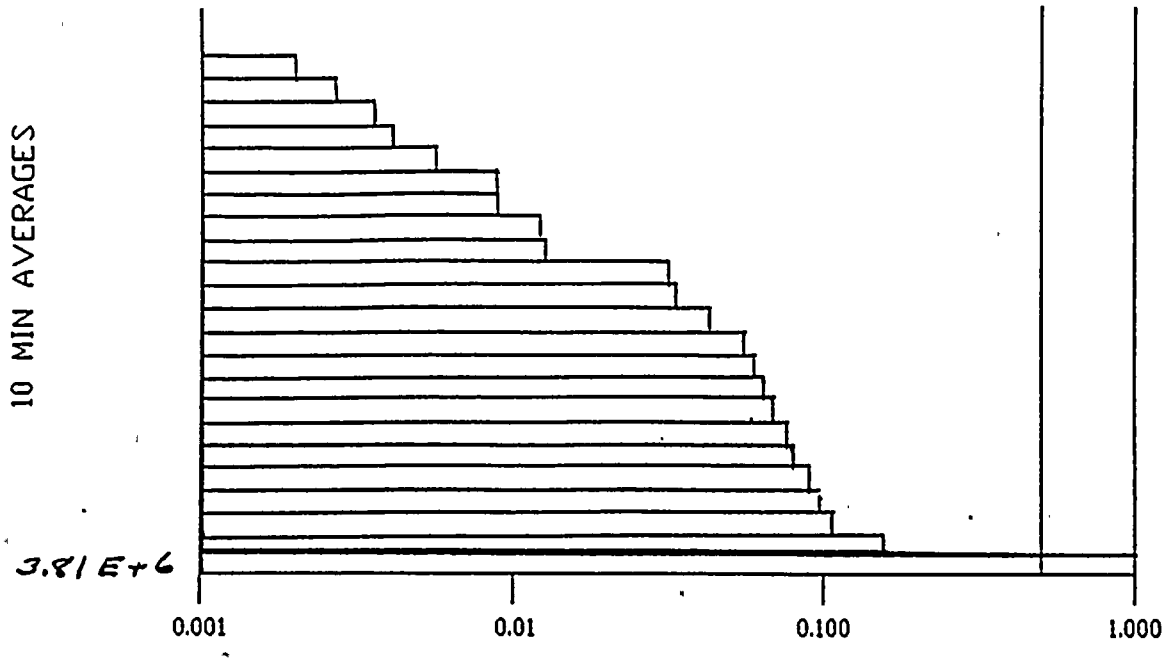
ALERT ALARM : 1.51 uCi HIGH ALARM : 2.52 uCi 20 Sep 89

0830

STATUS :

HISTORY OF UNIT 24-03
IODINE uCi

20 Sep 89



AVERAGE :

FULL SCALE:

CALIBRATION CONST : 2.45E-005

ALERT ALARM : 4.9

HIGH ALARM : 20.0

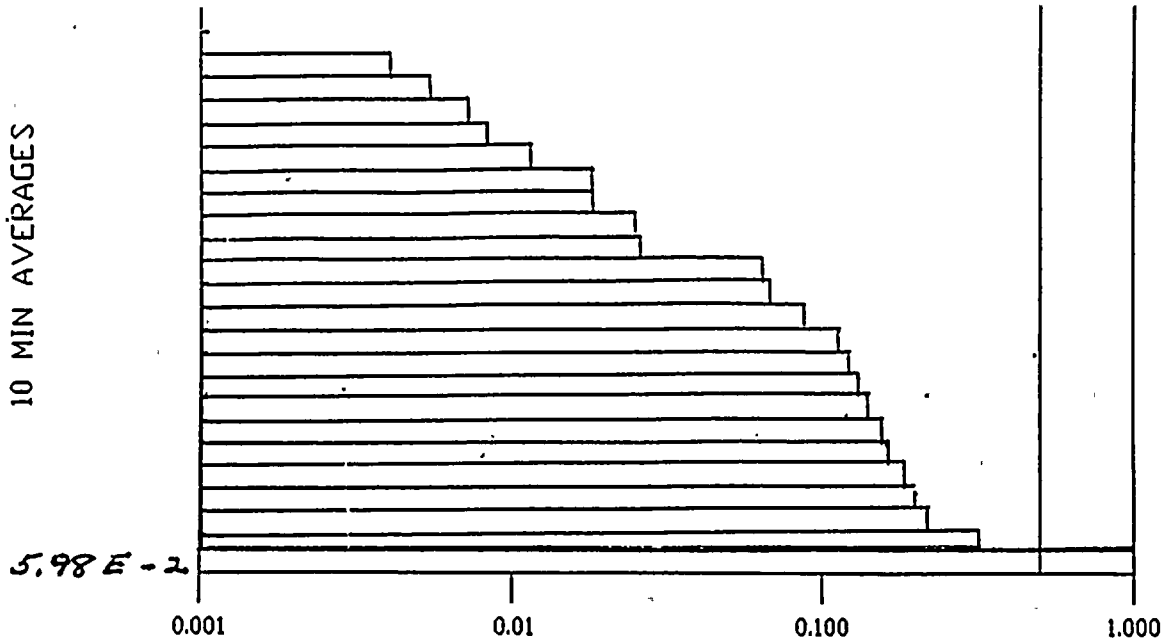
20 Sep 89.

0830.

STATUS :

HISTORY OF UNIT 24-05
BETA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 8.00E-008

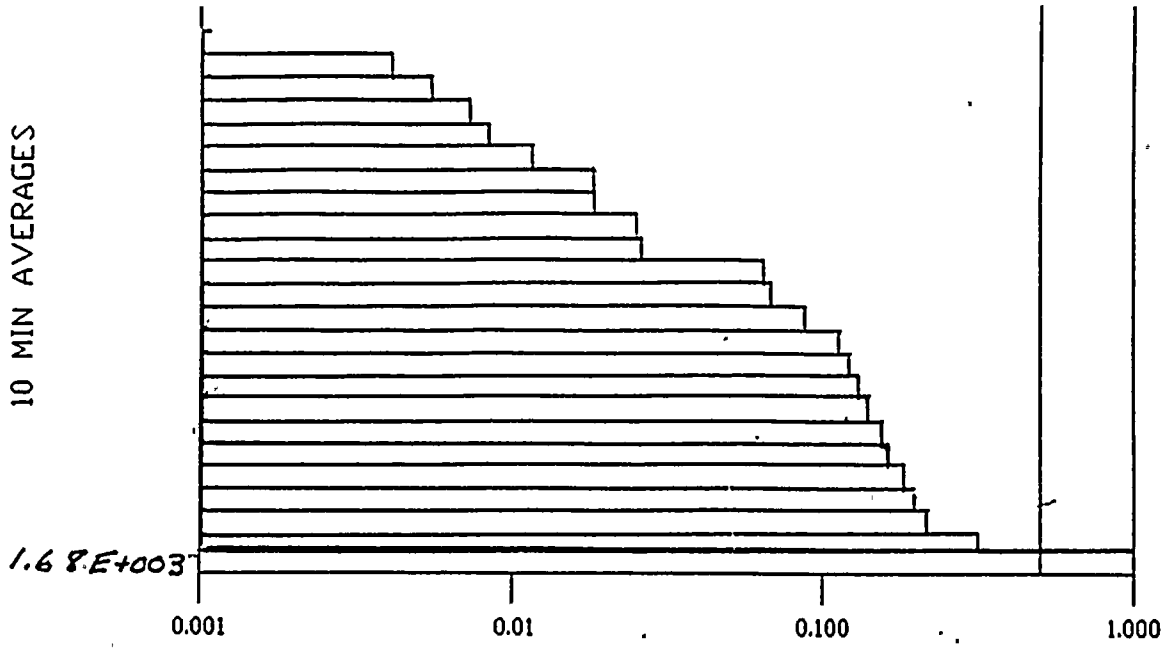
ALERT ALARM : 2.64E-003 HIGH ALARM 4.40E-003 20 Sep 89

0830

STATUS :

HISTORY OF UNIT 24-07
GAMMA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 2.31E-003

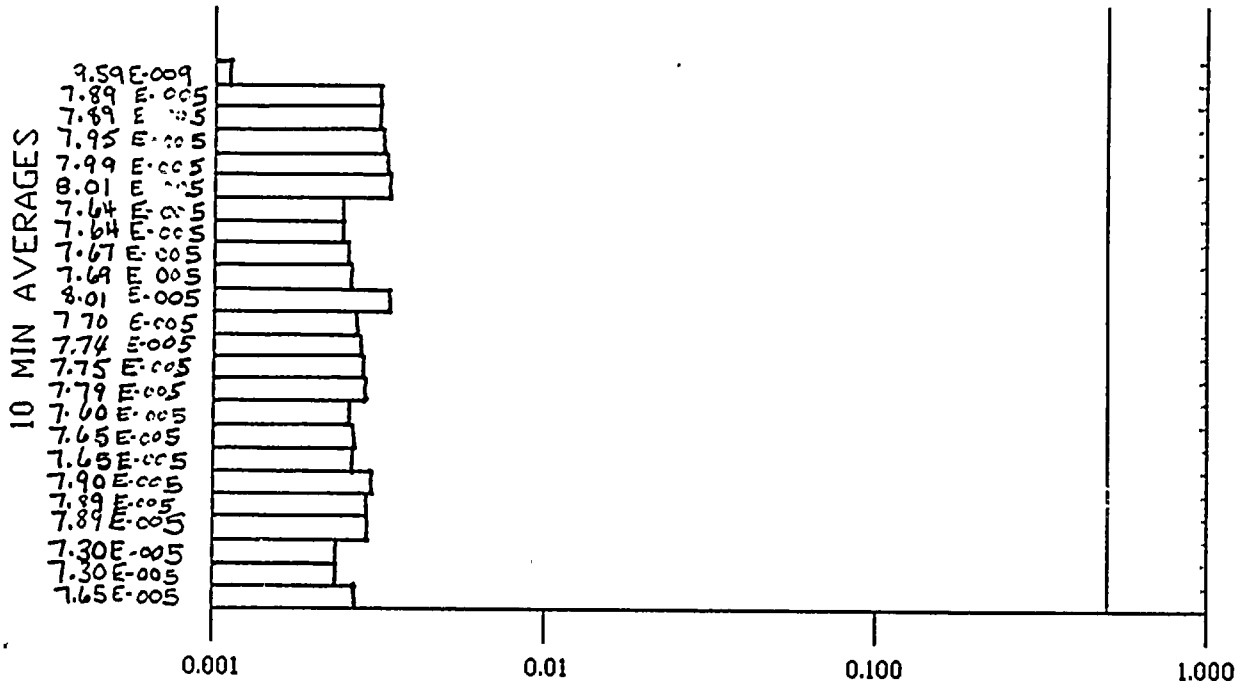
ALERT-ALARM : 6.00E-001 HIGH ALARM 1.00E-000 20 Sep 89

0830

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

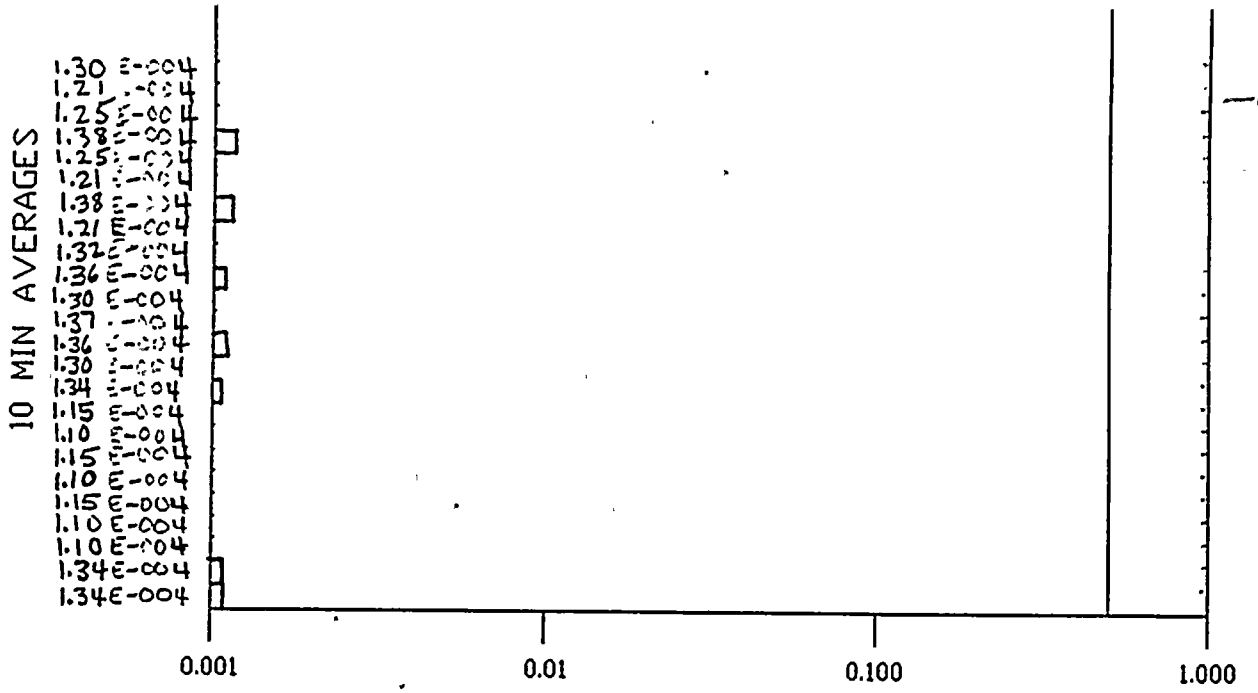
CALIBRATION CONST : 1.55E-005

ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

0830
20 Sep 89



AVERAGE :

FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

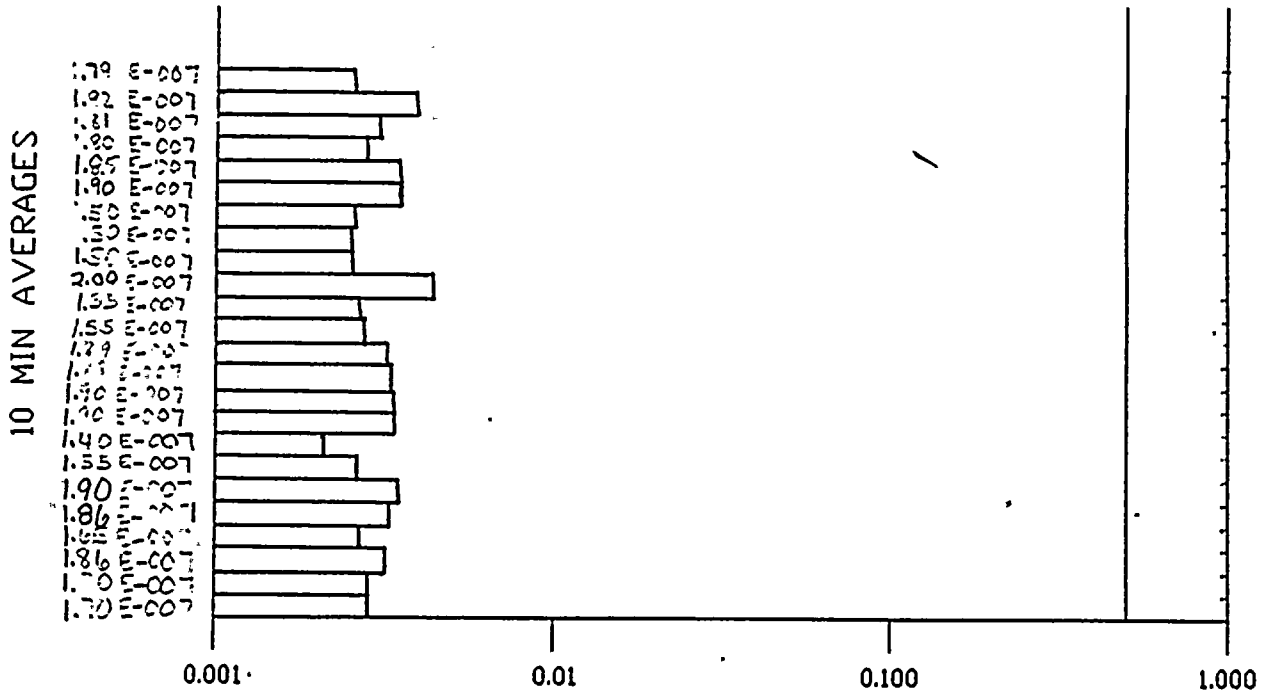
ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

.0830

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004

HIGH ALARM : 4.77E-004

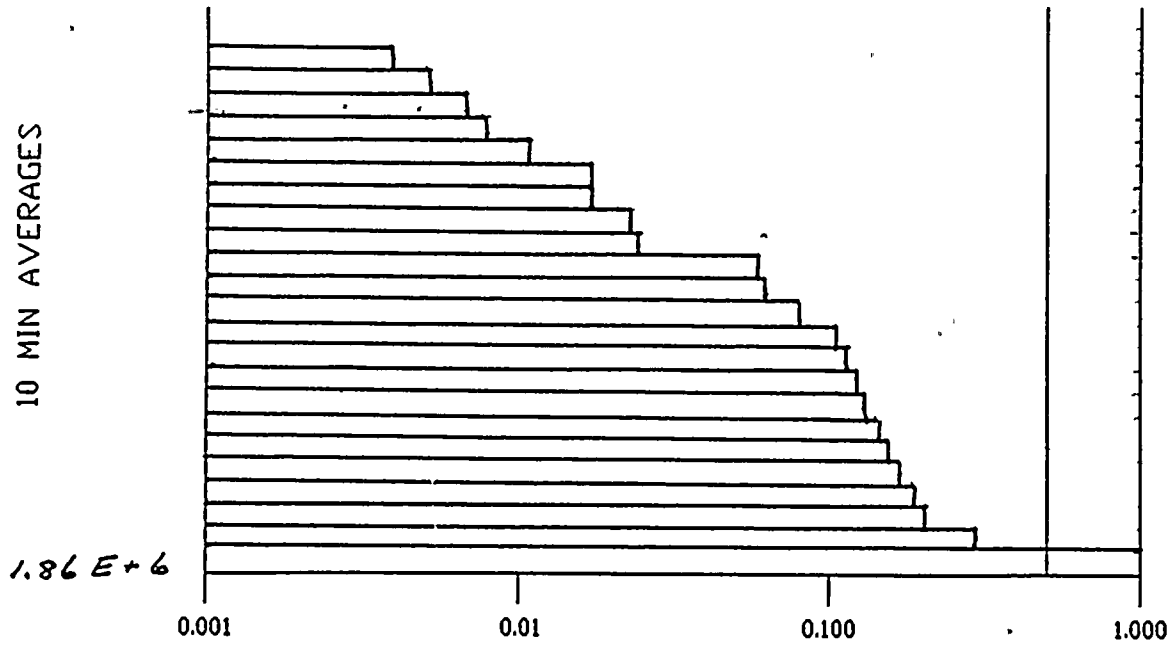
20 Sep 89

0830

STATUS :

HISTORY OF UNIT 23-01
BETA PARTICULATE uCi

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 1.62E-005

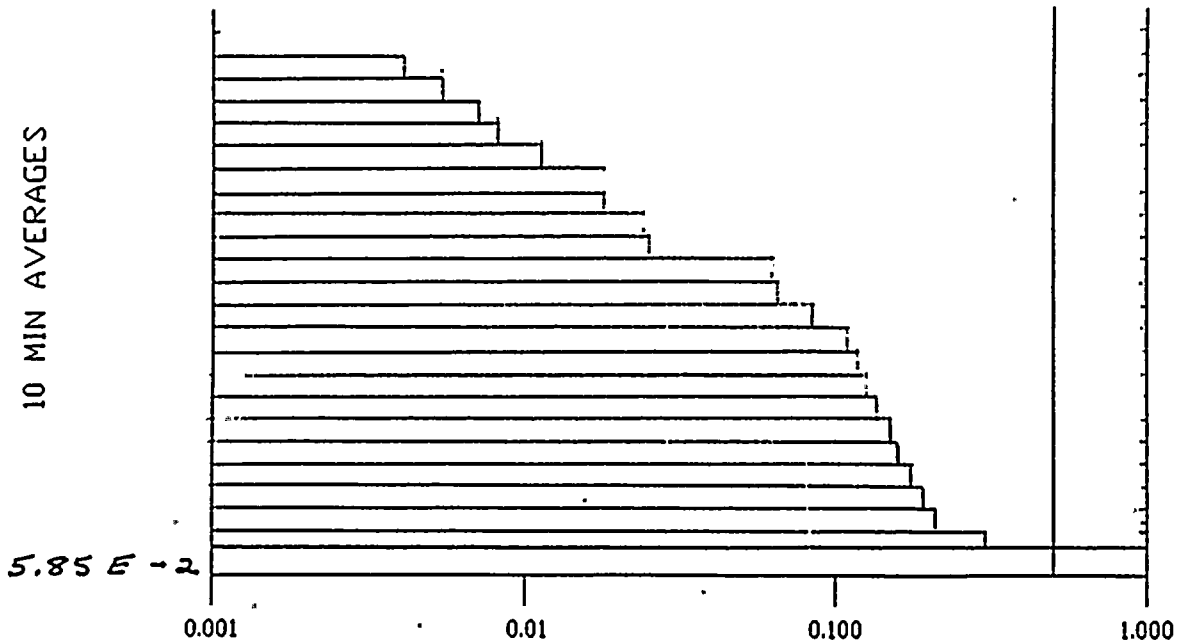
ALERT ALARM : 1.51 uCi HIGH ALARM : 2.52 uCi 20 Sep 89

0830

STATUS :

HISTORY OF UNIT 23-05
BETA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 8.00E-008

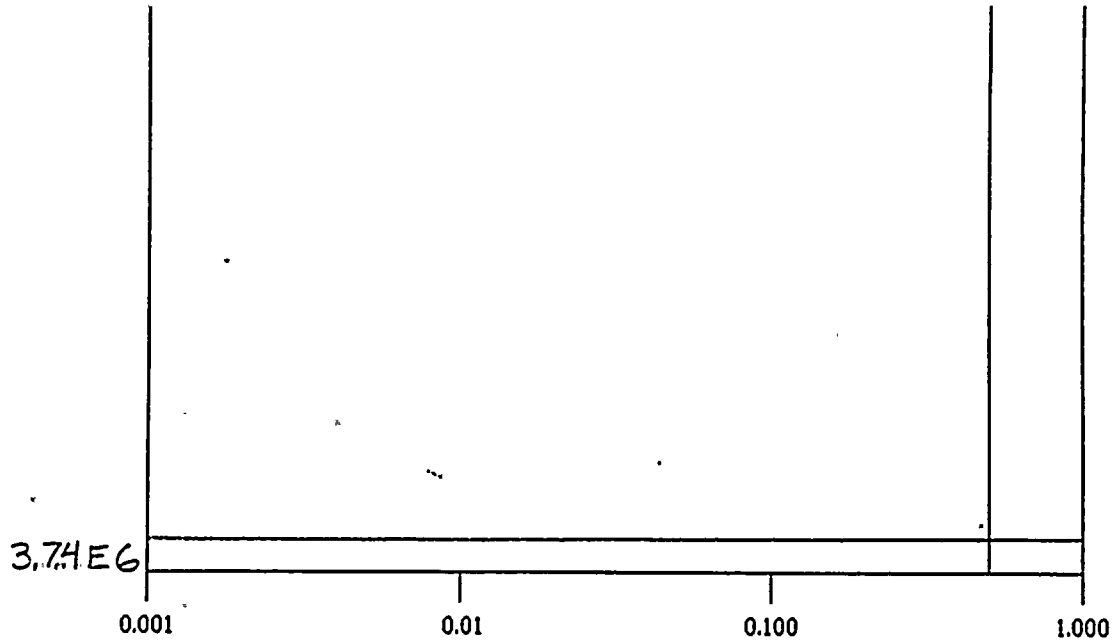
ALERT ALARM : 2.64E-003 HIGH ALARM 4.40E-003 20 Sep 89

0830

STATUS :

HISTORY OF UNIT 23-03
IODINE uCi

20 Sep 89



AVERAGE :

FULL SCALE:

CALIBRATION CONST : 9.63E-002

ALERT ALARM : 4.9

HIGH ALARM : 20.0

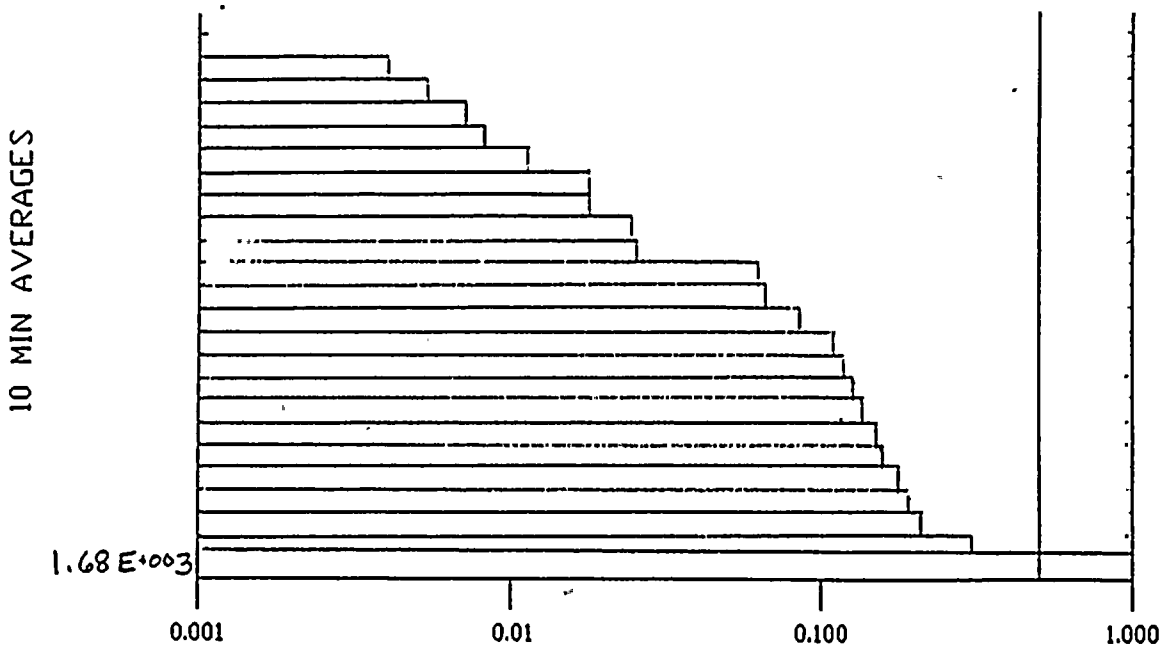
20 Sep 89

0830

STATUS :

HISTORY OF UNIT 23-07
GAMMA GAS uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE :

CALIBRATION CONST : 2.31E-003

ALERT ALARM : 6.00E-001

HIGH ALARM 1.00E-000

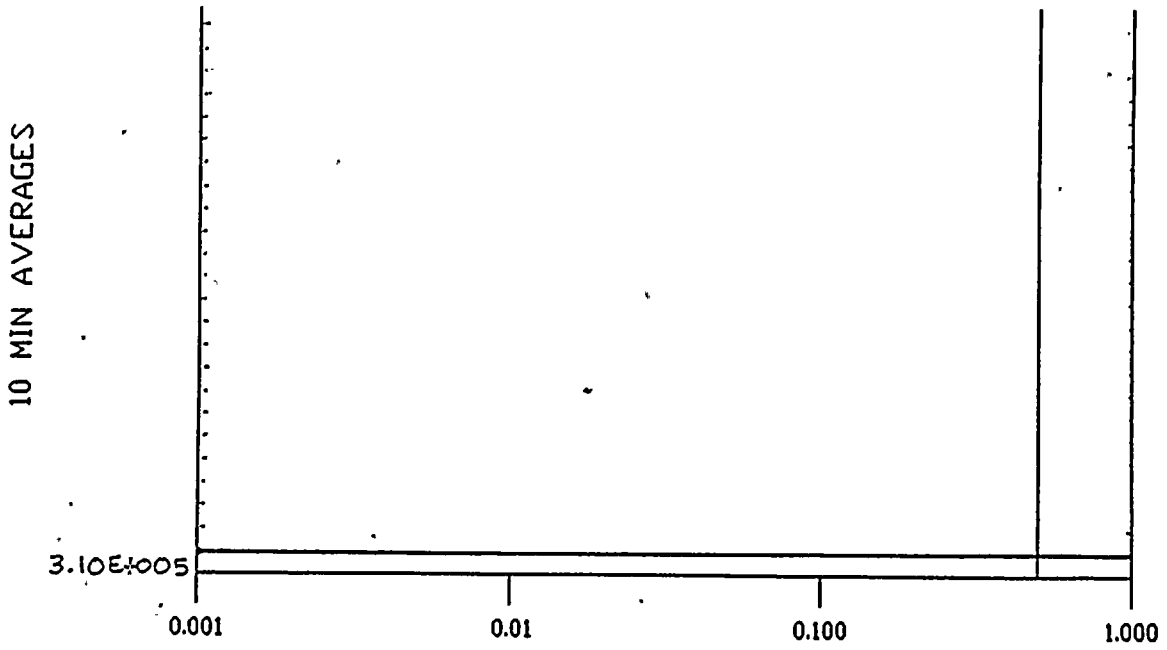
20 Sep 89

0830

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001

HIGH ALARM : 5.40E+001

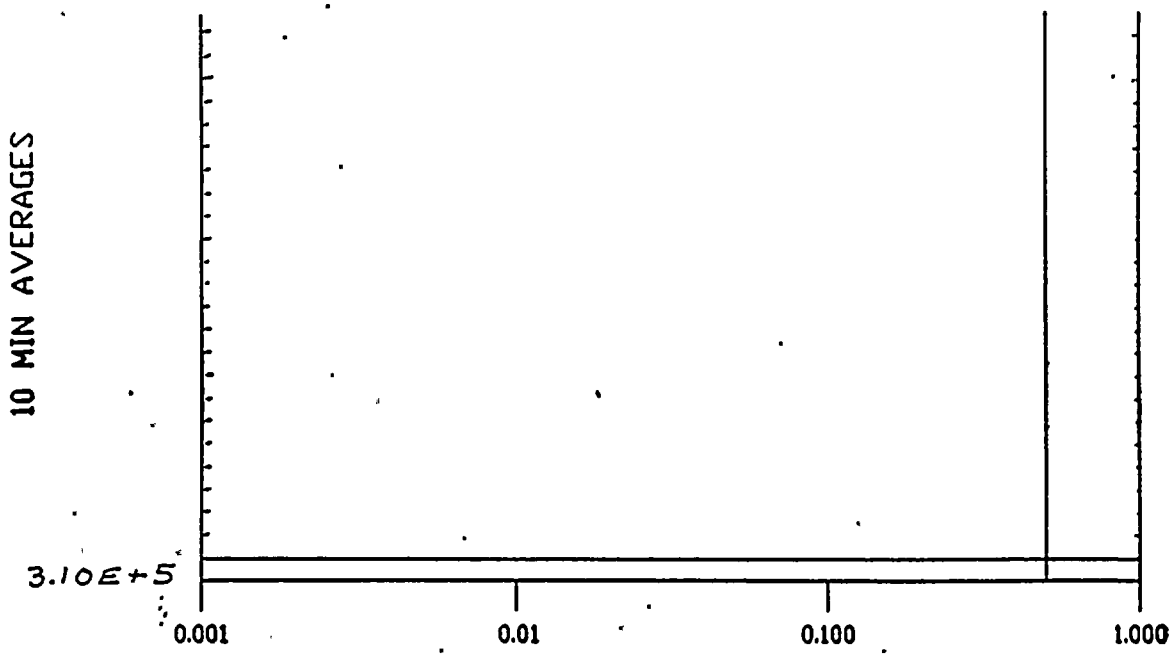
20 Sep 89

0830

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

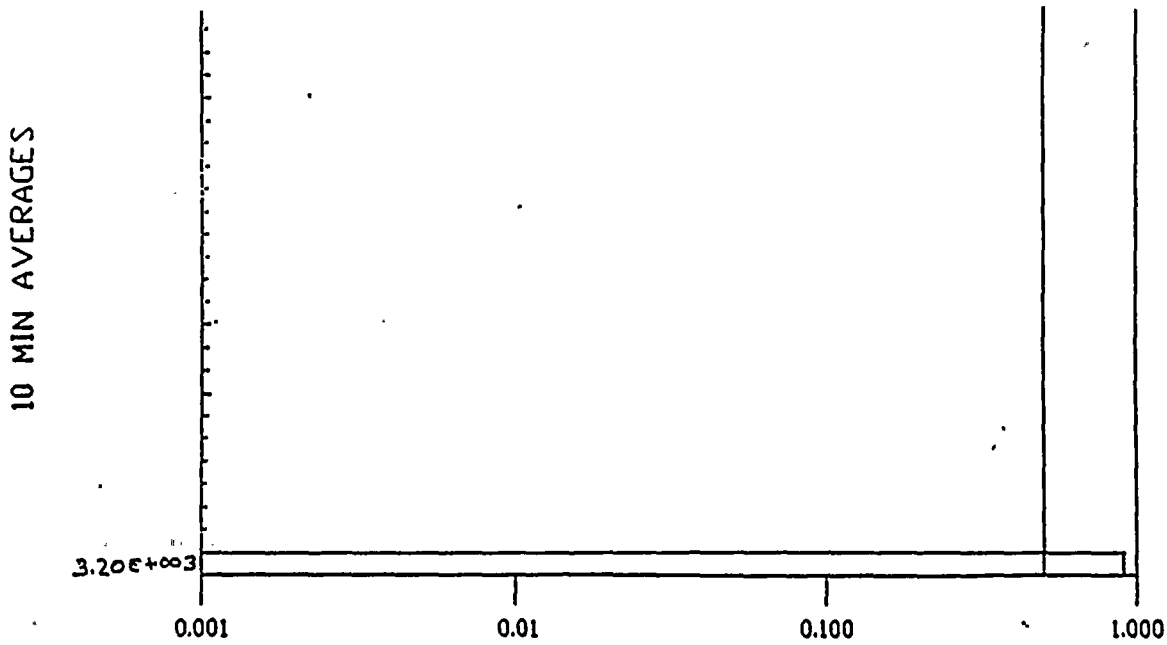
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0830

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

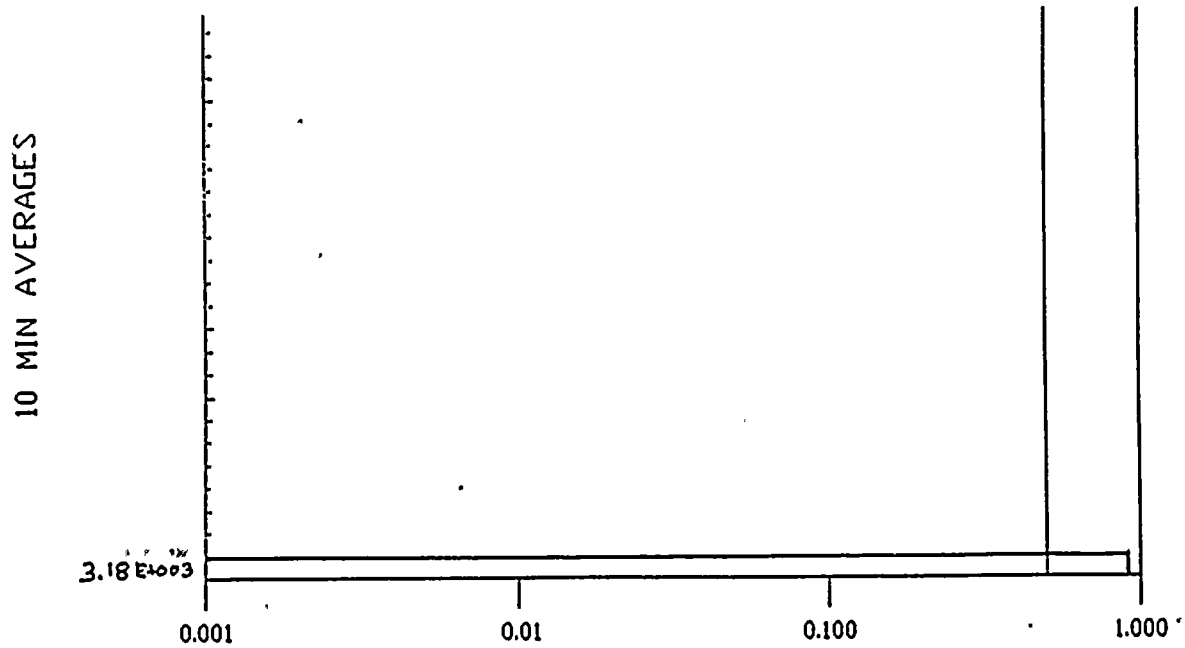
20 Sep 89

0830

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

20 Sep 89

0845

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH
010

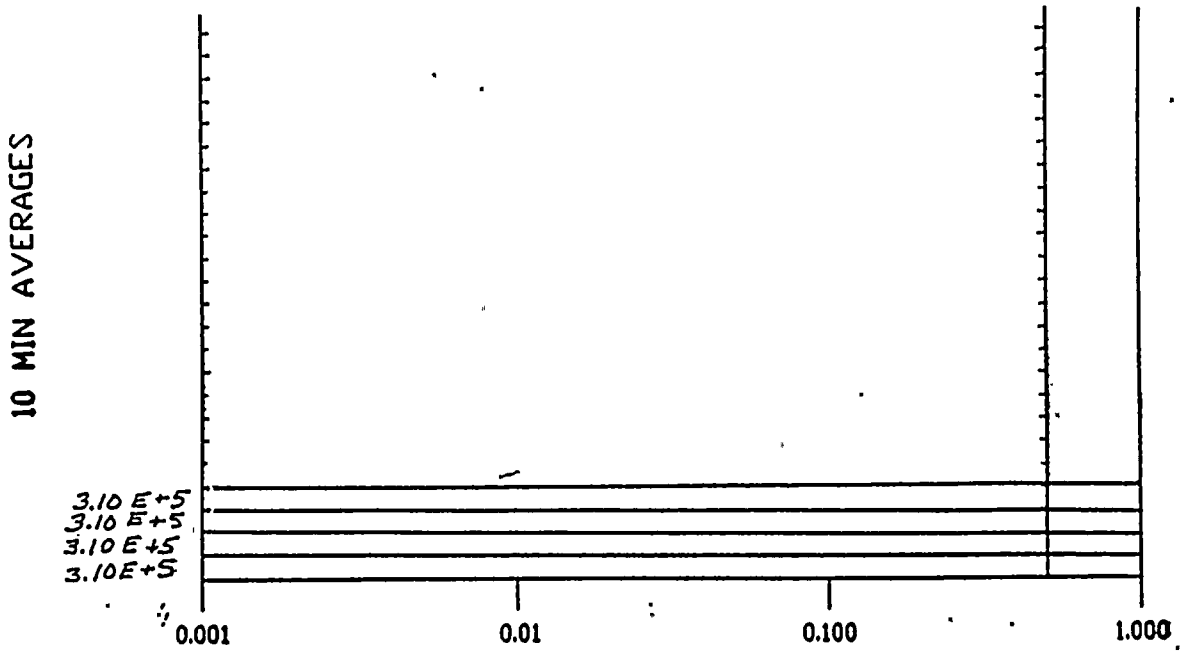
UNINIT..FAU..NORM..[redacted]..ALERT..MAINT..STAND-BY..

0845

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

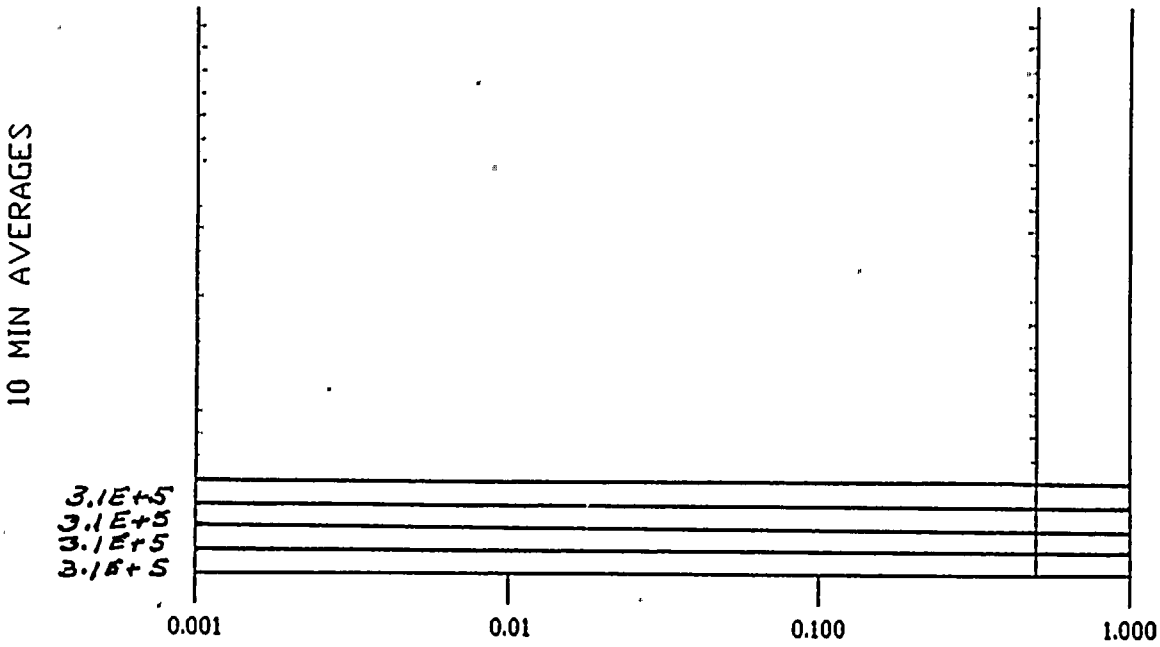
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0845

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001

HIGH ALARM : 5.40E+001

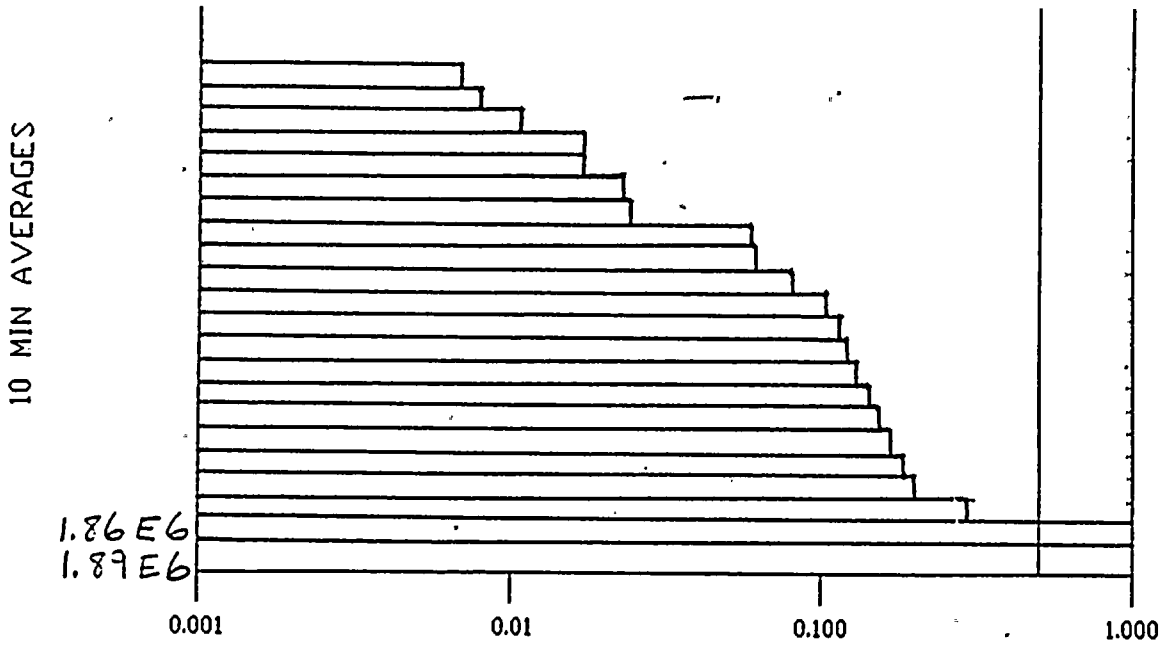
20 Sep 89

0845

STATUS :

HISTORY OF UNIT 23-01
BETA PARTICULATE uCi

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 1.62E-005

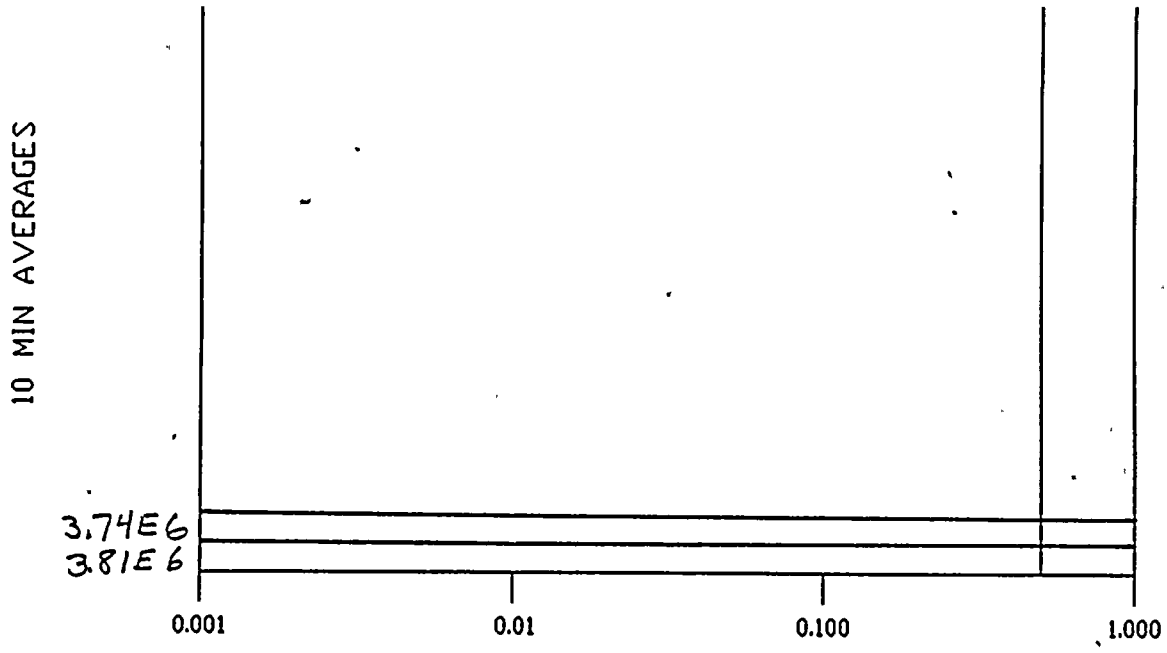
ALERT ALARM : 1.51 uCi HIGH ALARM : 2.52 uCi 20 Sep 89

0845

STATUS :

HISTORY OF UNIT 23-03
IODINE uCi

20 Sep 89



AVERAGE :

FULL SCALE:

CALIBRATION CONST : 9.63E-002

ALERT ALARM : 4.9

HIGH ALARM : 20.0

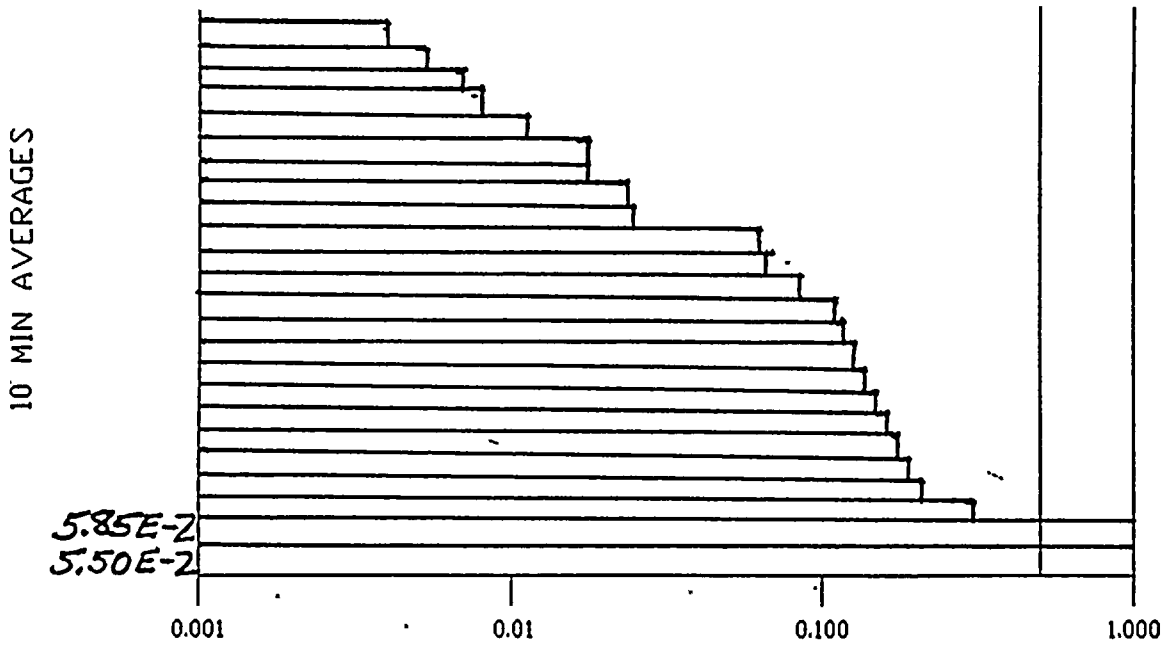
20 Sep 89

0845

STATUS :

HISTORY OF UNIT 23-05
BETA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 8.00E-008

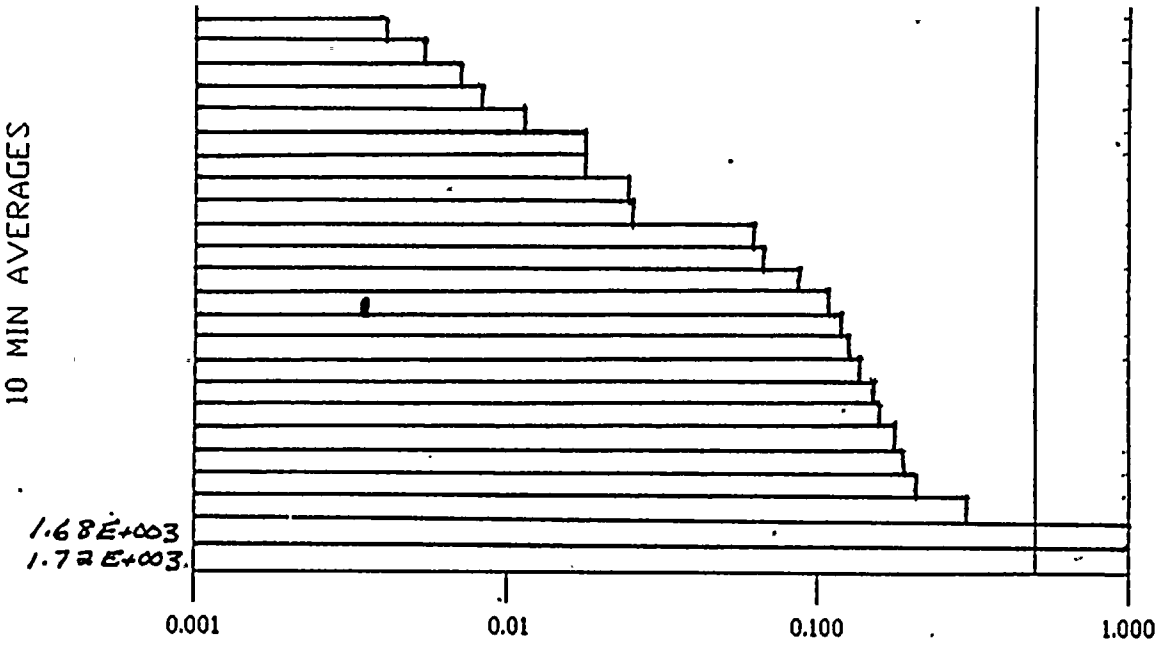
ALERT ALARM : 2.64E-003 HIGH ALARM 4.40E-003 20 Sep 89

0845

STATUS :

HISTORY OF UNIT 23-07
GAMMA GAS uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE :

CALIBRATION CONST : 2.31E-003

ALERT ALARM : 6.00E-001

HIGH ALARM 1.00E-000

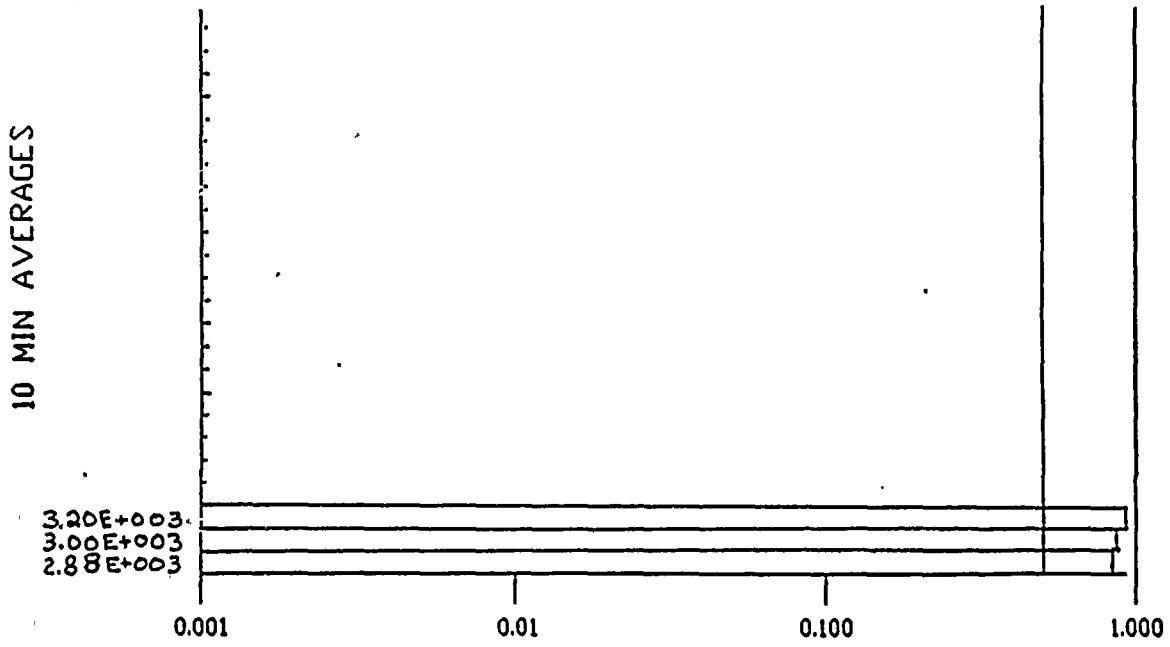
20 Sep 89

0845

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

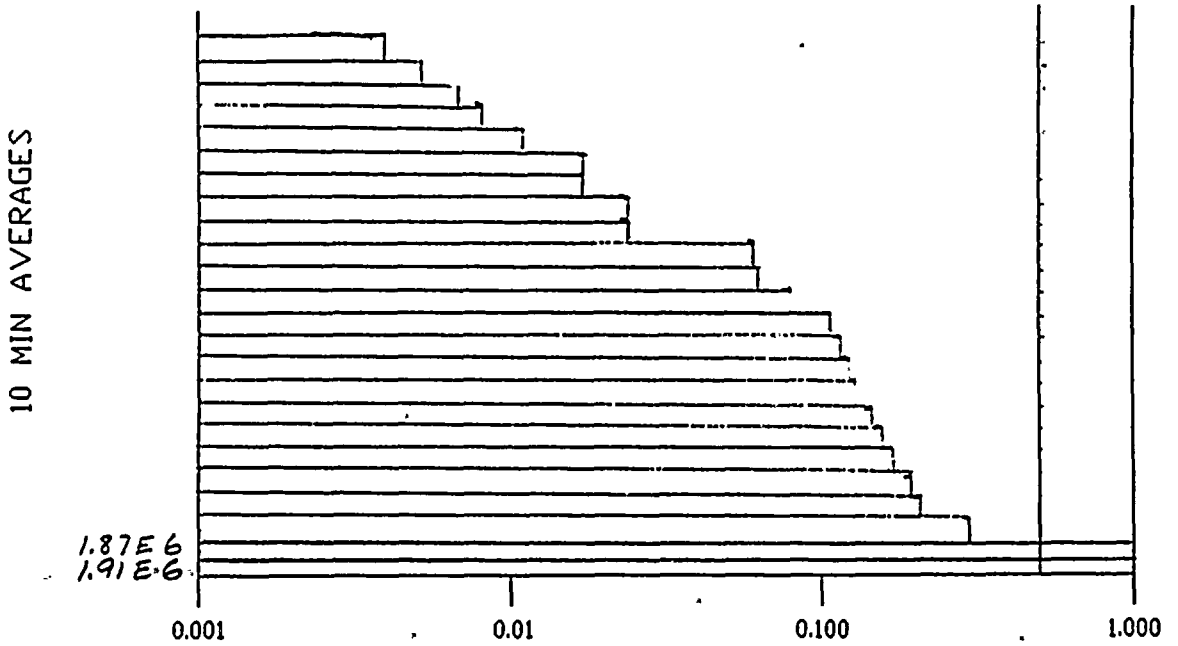
20 Sep 89

0845

STATUS :

HISTORY OF UNIT 24-01
BETA PARTICULATE uCi

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 1.62E-005

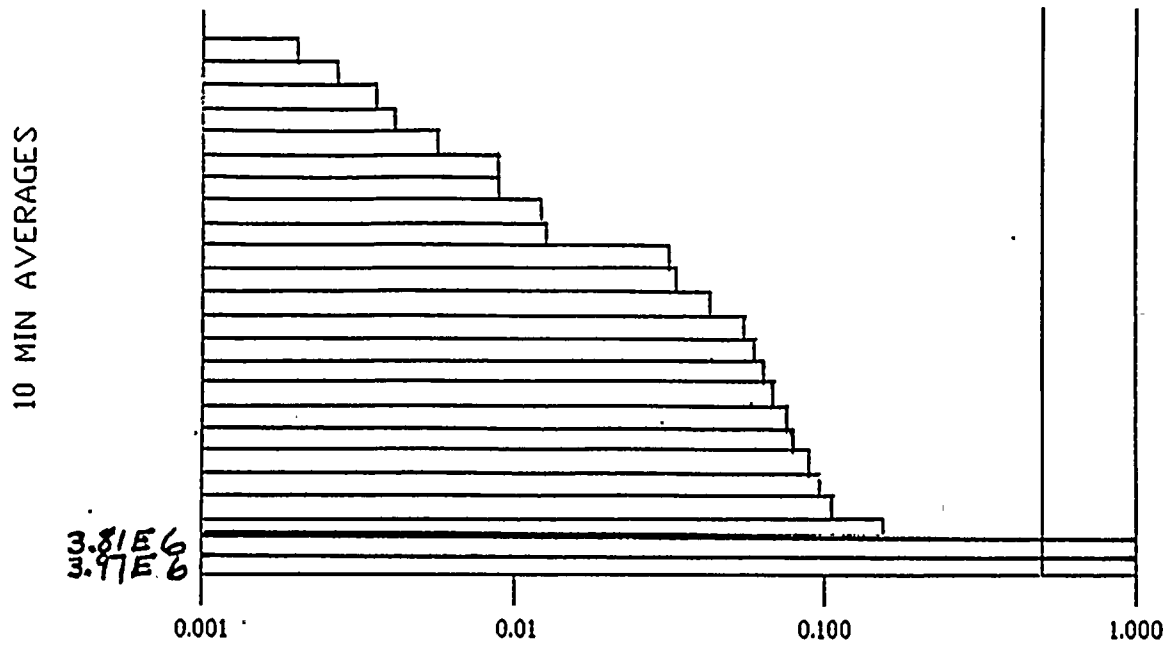
ALERT ALARM : 1.51 uCi HIGH ALARM : 2.52 uCi 20 Sep 89

0845

STATUS :

HISTORY OF UNIT 24-03
IODINE uCi

20 Sep 89



AVERAGE :

FULL SCALE:

CALIBRATION CONST : 2.45E-005

ALERT ALARM : 4.9

HIGH ALARM : 20.0

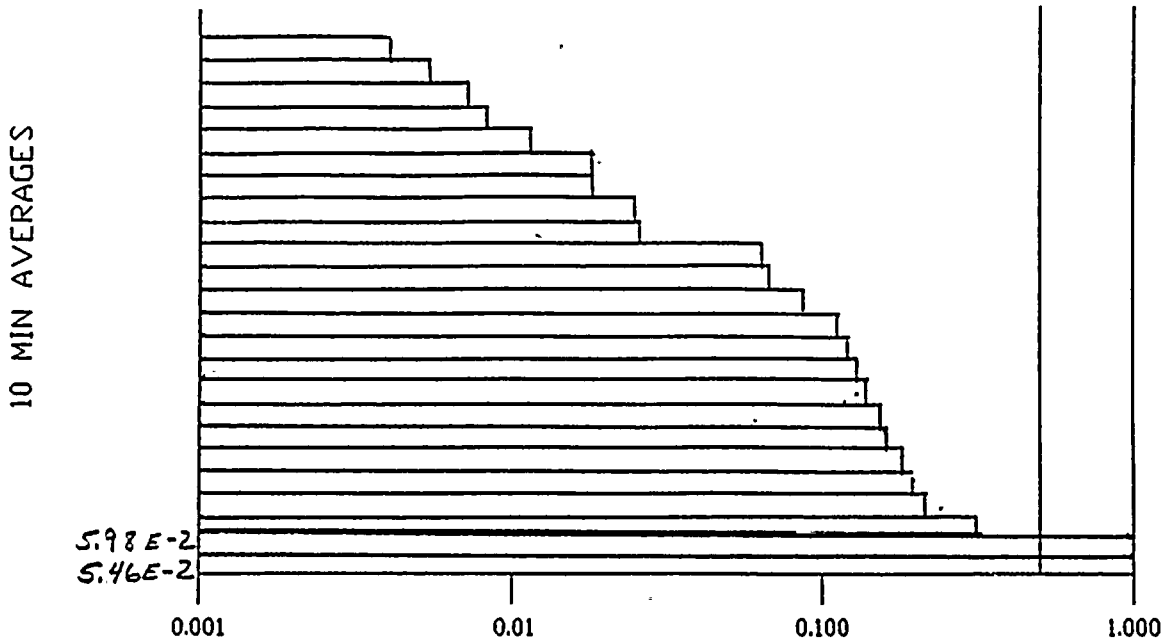
20 Sep 89

0845.

STATUS :

HISTORY OF UNIT 24-05
BETA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 8.00E-008

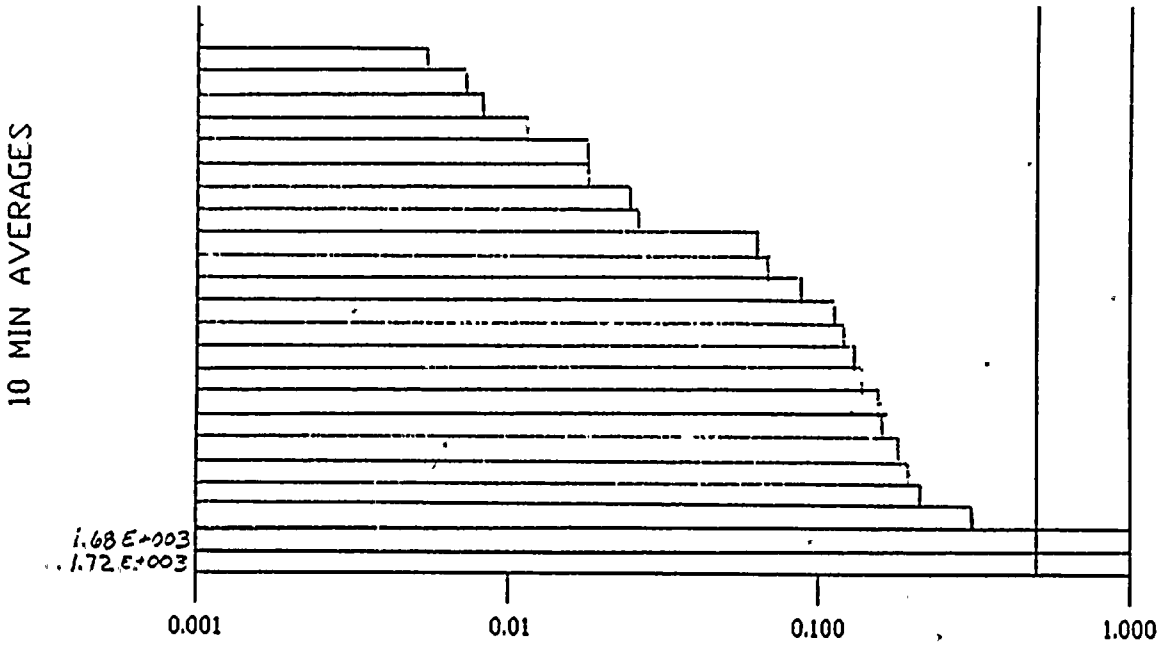
ALERT ALARM : 2.64E-003 HIGH ALARM 4.40E-003 20 Sep 89

0845

STATUS :

HISTORY OF UNIT 24-07
GAMMA GAS uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE :

CALIBRATION CONST : 2.31E-003

ALERT ALARM : 6.00E-001

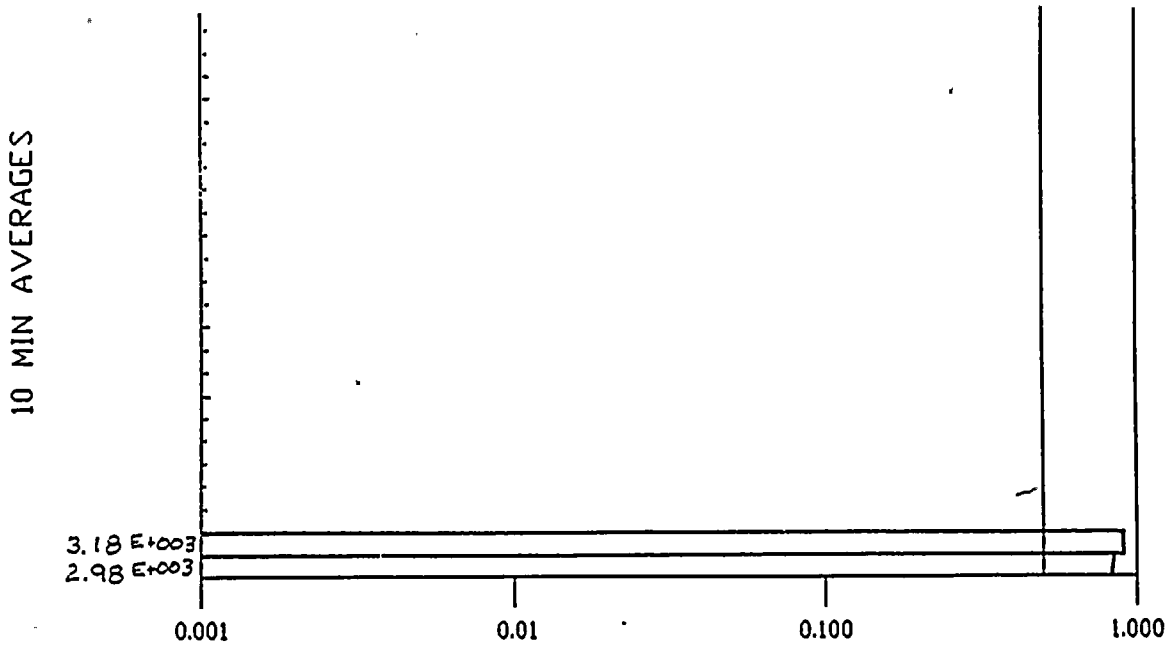
HIGH ALARM 1.00E-000

20 Sep 89

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

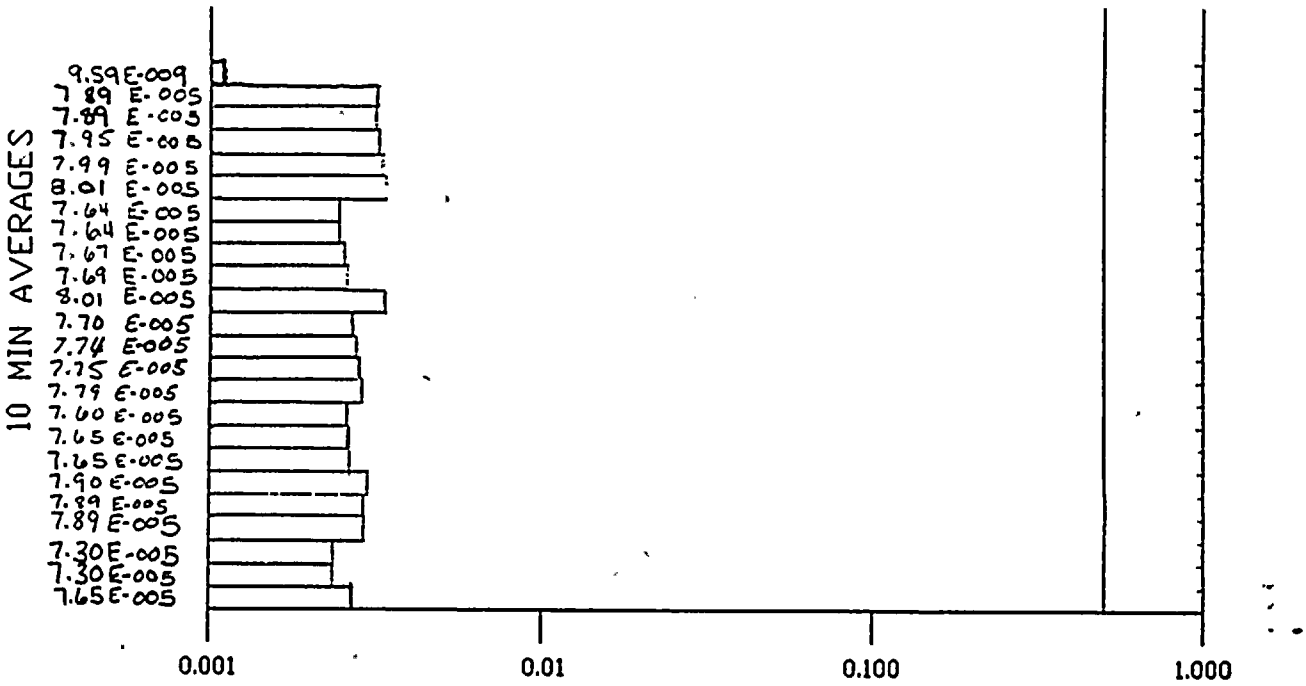
20 Sep 89

0845

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

CALIBRATION CONST : 1.55E-005

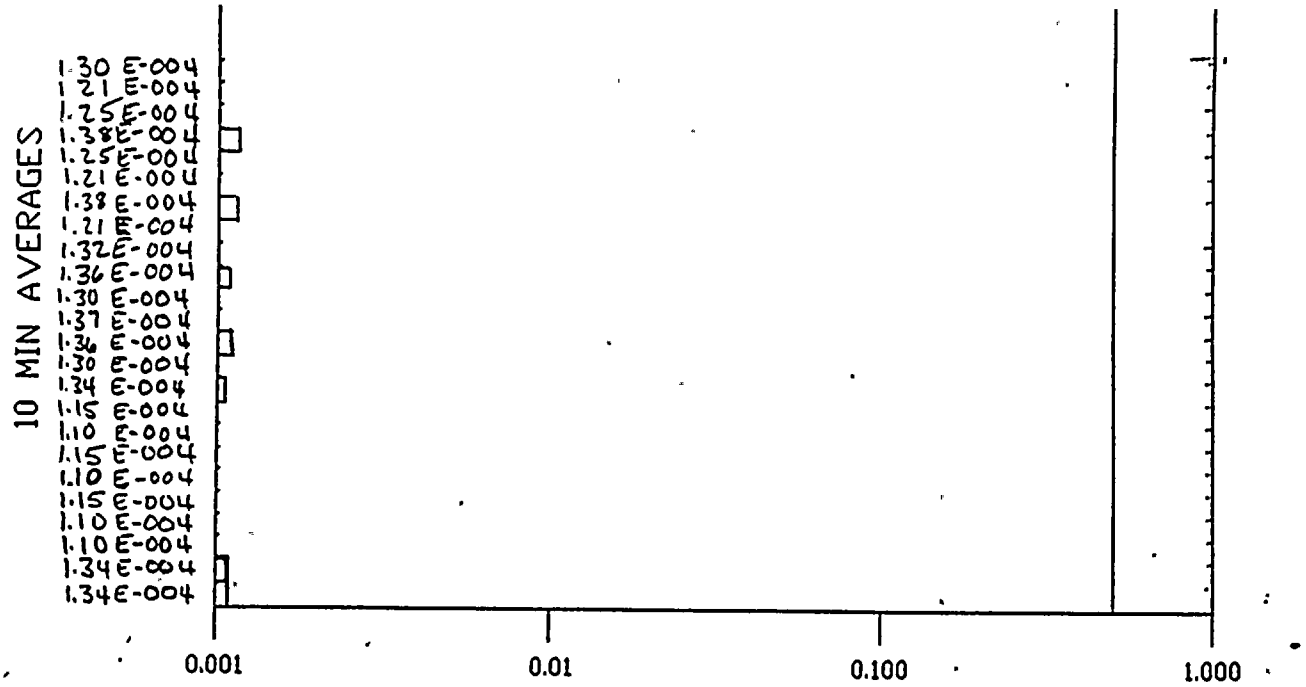
ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

0845

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

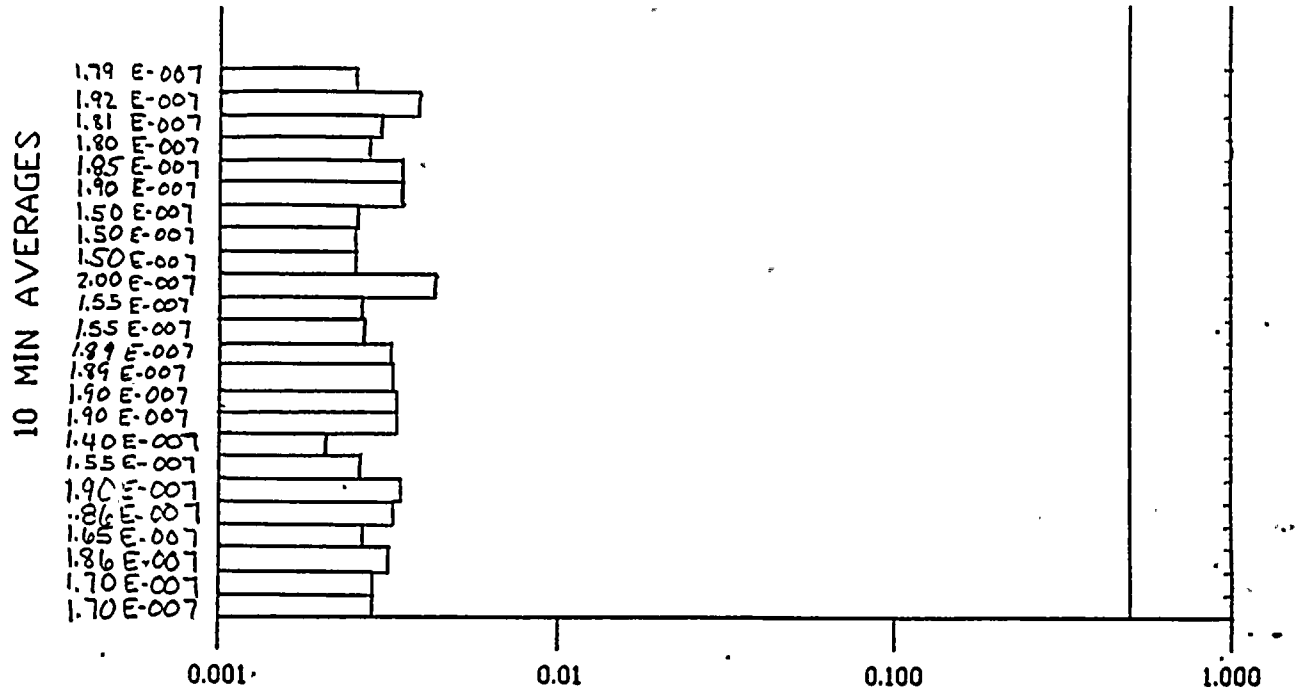
0845

STATUS :

HISTORY OF UNIT 25-05

BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

0900

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH
010

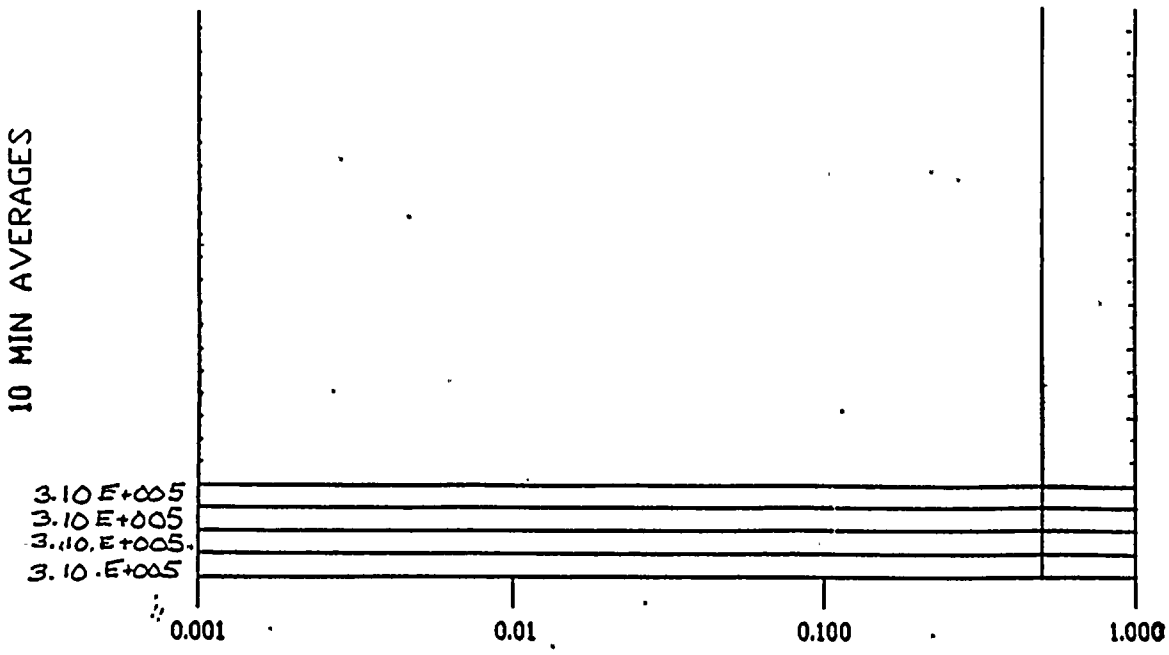
UNINIT.[redacted].NORM[redacted].ALERT..MAINT..STAND-BY..

0900

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001

HIGH ALARM : 5.40E+001

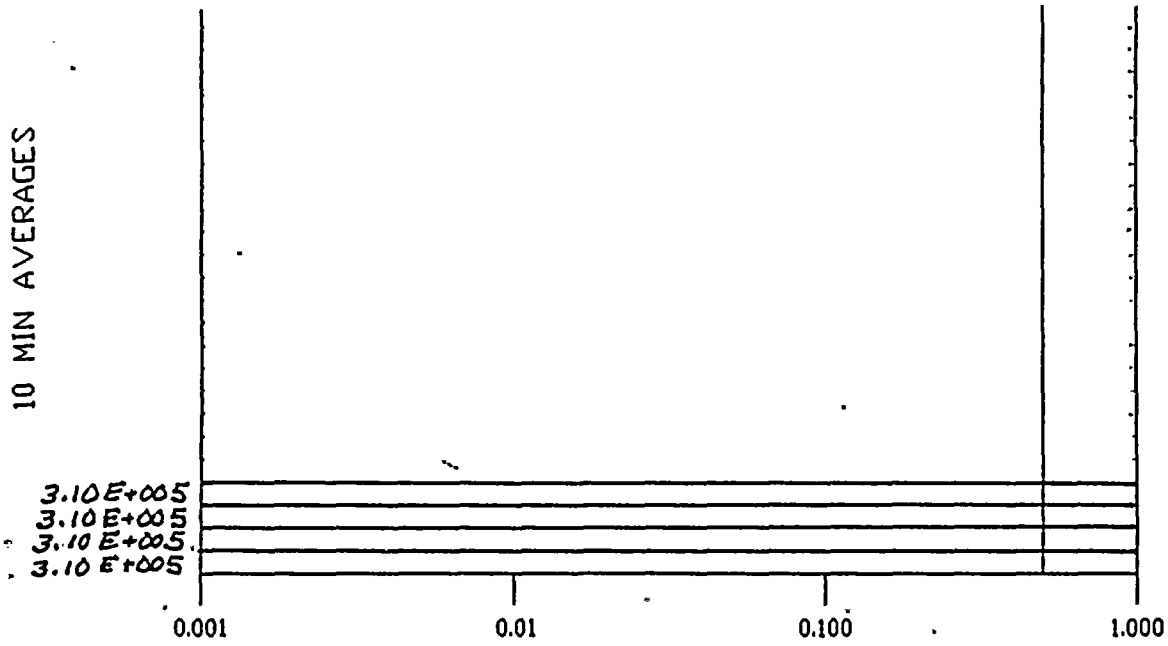
20 Sep 89

0900

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

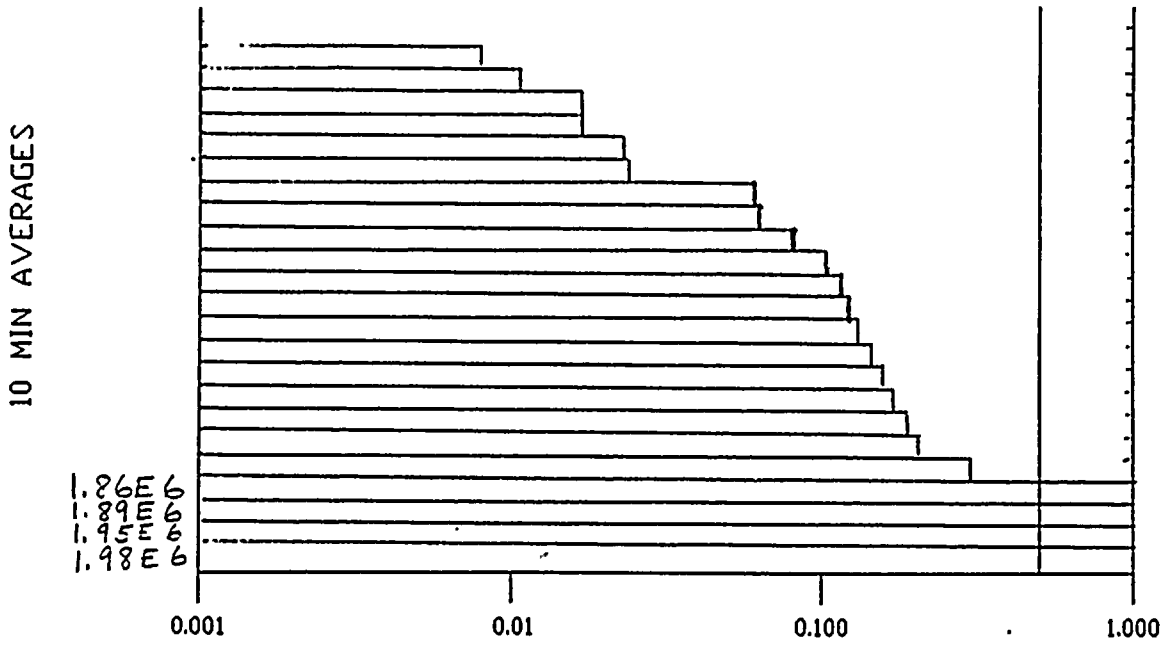
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 23-01
BETA PARTICULATE uCi

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 1.62E-005

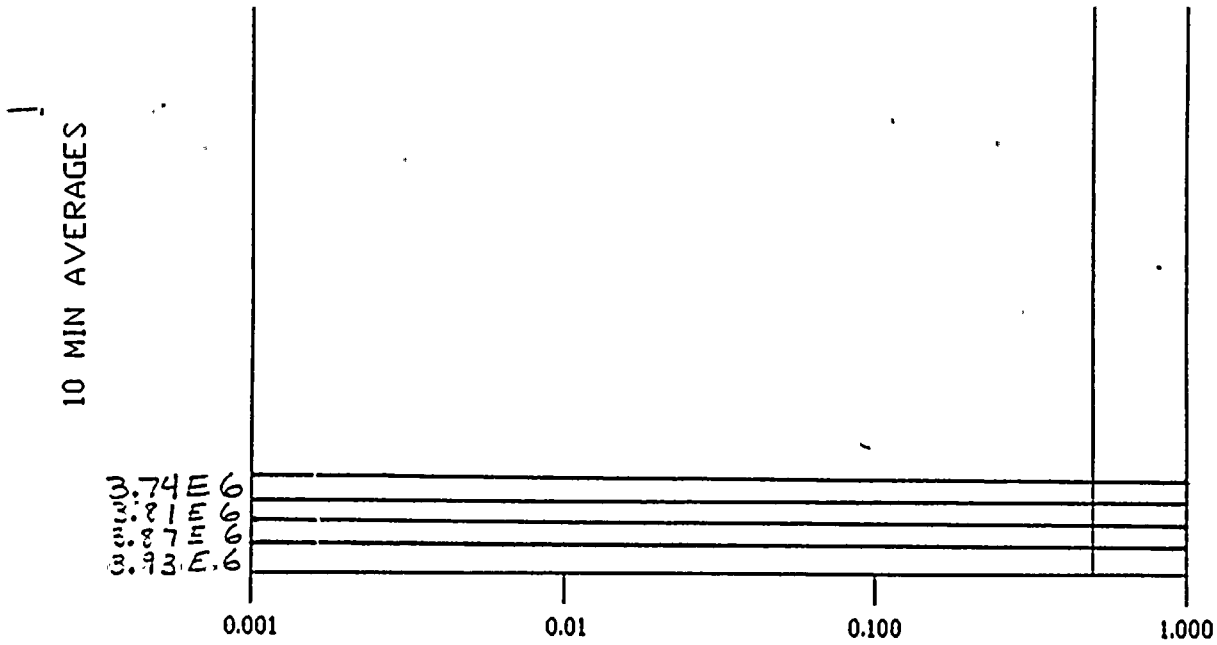
ALERT ALARM : 1.51 uCi HIGH ALARM : 2.52 uCi 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 23-03
IODINE uCi

20 Sep 89



AVERAGE :

FULL SCALE:

CALIBRATION CONST : 9.63E-002

ALERT ALARM : 4.9

HIGH ALARM : 20.0

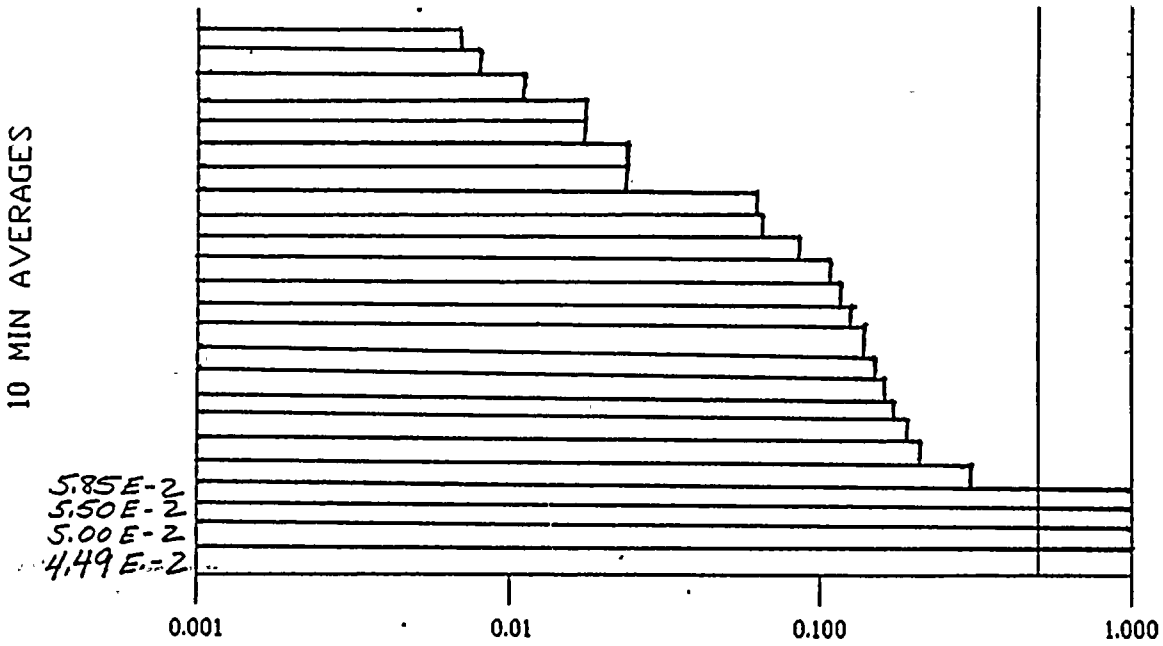
20 Sep 89

0900

STATUS :

HISTORY OF UNIT 23-05
BETA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 8.00E-008

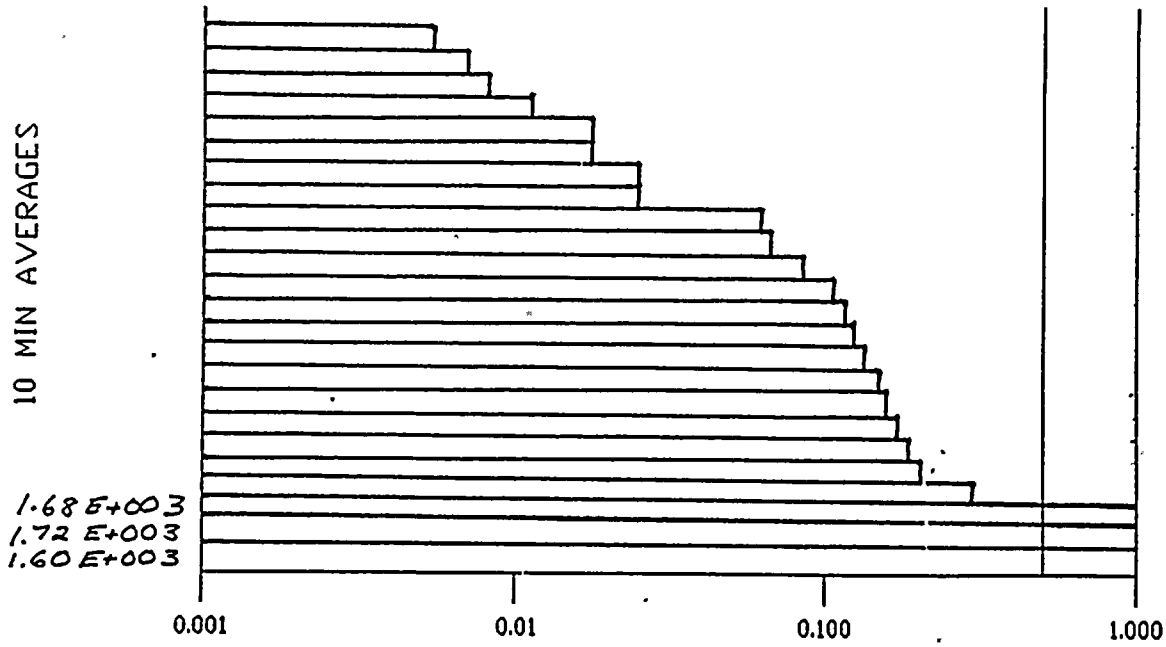
ALERT ALARM : 2.64E-003 HIGH ALARM 4.40E-003 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 23-07
GAMMA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 2.31E-003

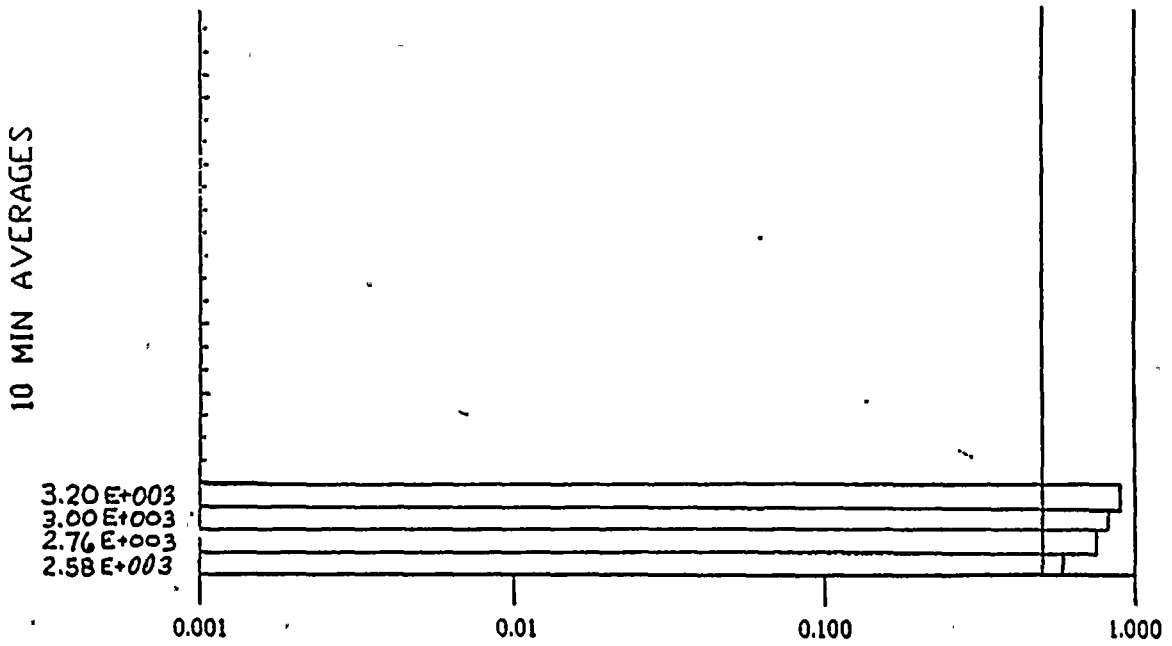
ALERT ALARM : 6.00E-001 HIGH ALARM 1.00E-000 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

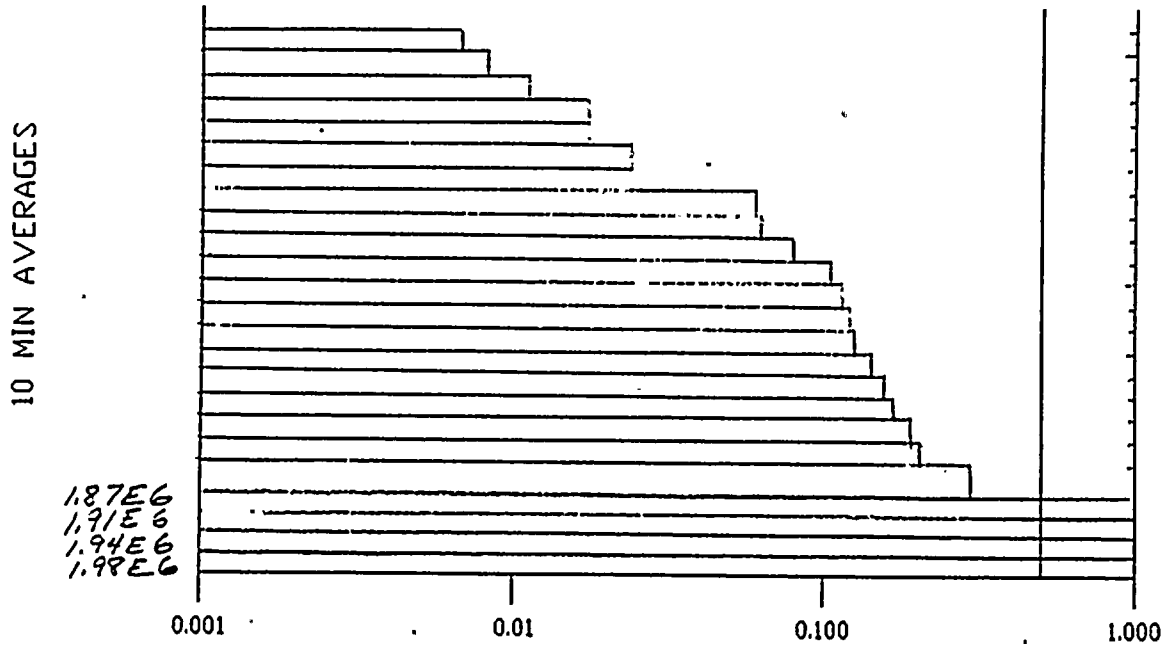
20 Sep 89

0900

STATUS :

HISTORY OF UNIT 24-01
BETA PARTICULATE uCi

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 1.62E-005

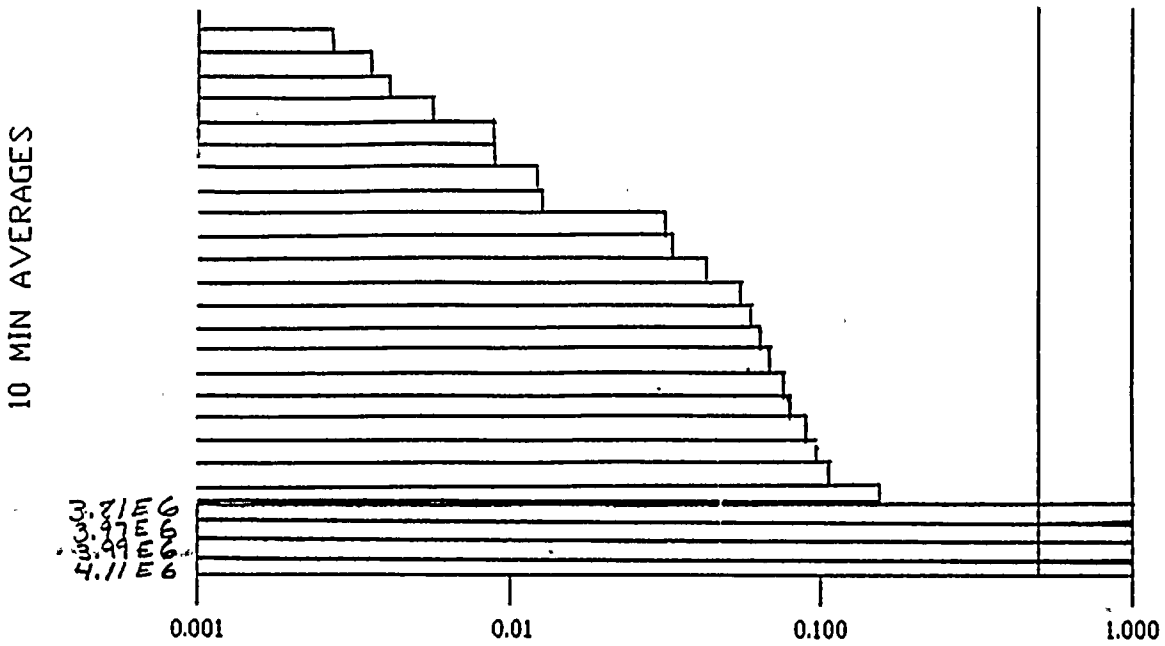
ALERT ALARM : 1.51 uCi HIGH ALARM : 2.52 uCi 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 24-03
IODINE uCi

20 Sep 89



AVERAGE :

FULL SCALE:

CALIBRATION CONST : 2.45E-005

ALERT ALARM : 4.9

HIGH ALARM : 20.0

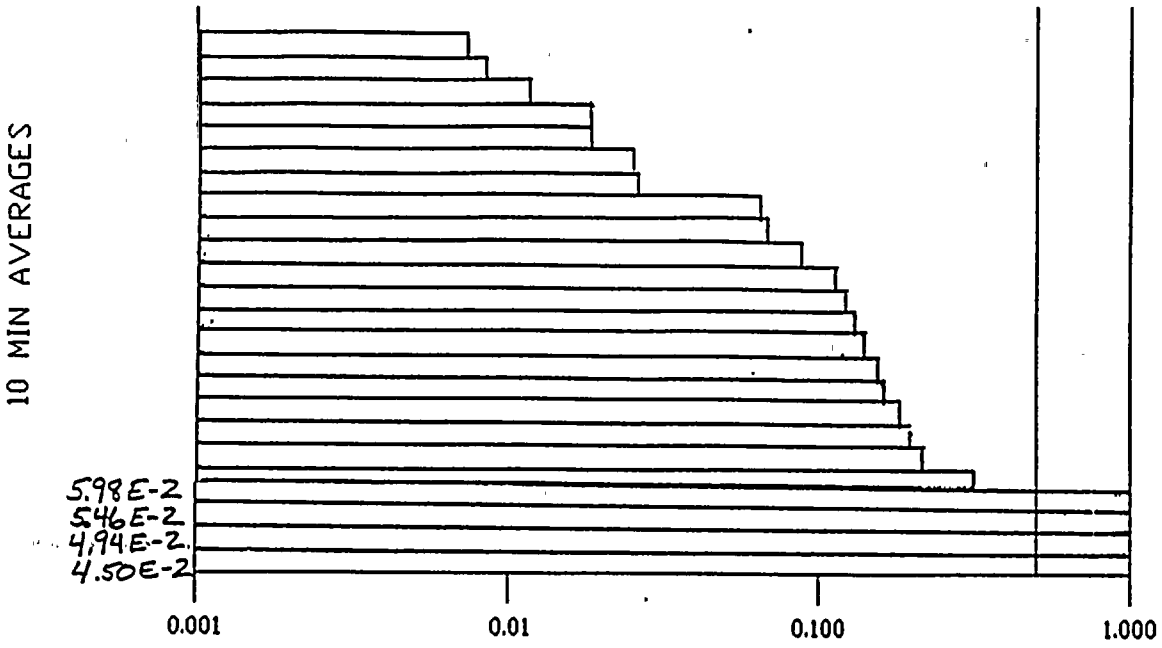
20 Sep 89

0900

STATUS :

HISTORY OF UNIT 24-05
BETA GAS uCi/cc

20 Sep 89



AVERAGE : FULL SCALE :

CALIBRATION CONST : 8.00E-008

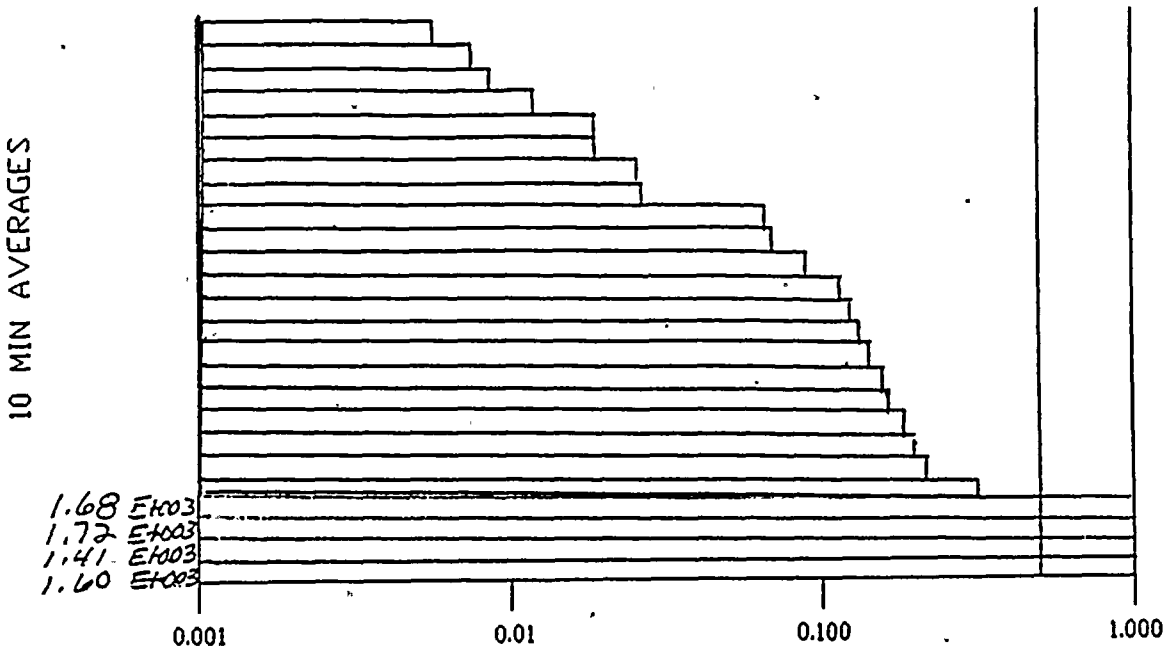
ALERT ALARM : 2.64E-003 HIGH ALARM 4.40E-003 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 24-07
GAMMA GAS uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE :

CALIBRATION CONST : 2.31E-003

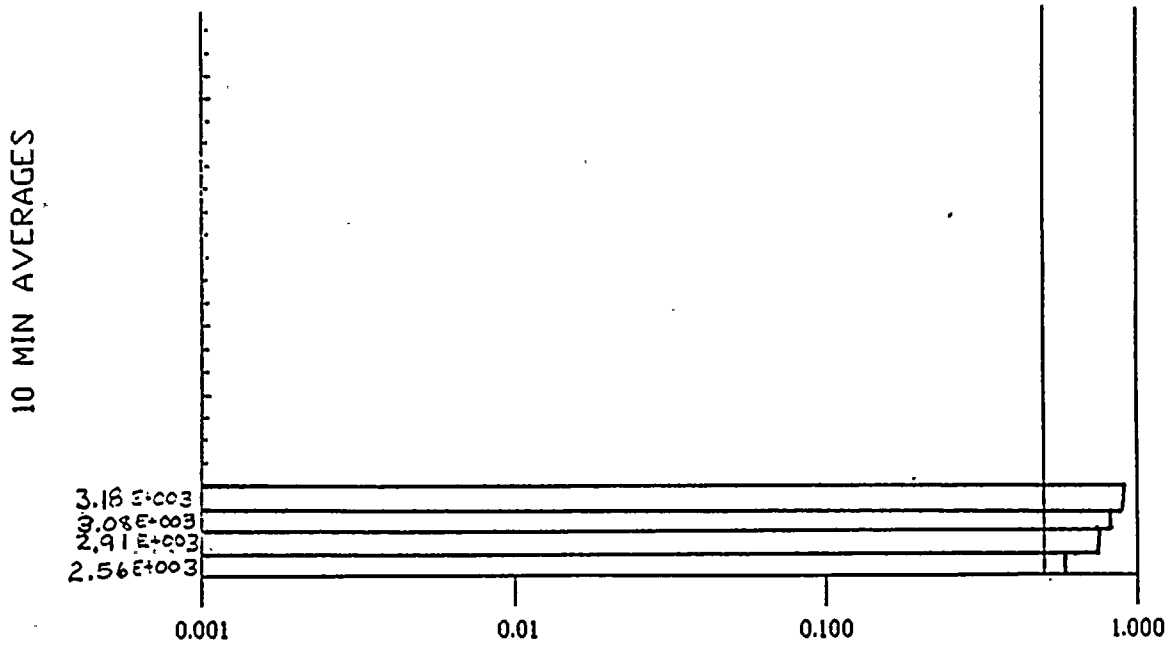
ALERT ALARM : 6.00E-001 HIGH ALARM 1.00E-000 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG. IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

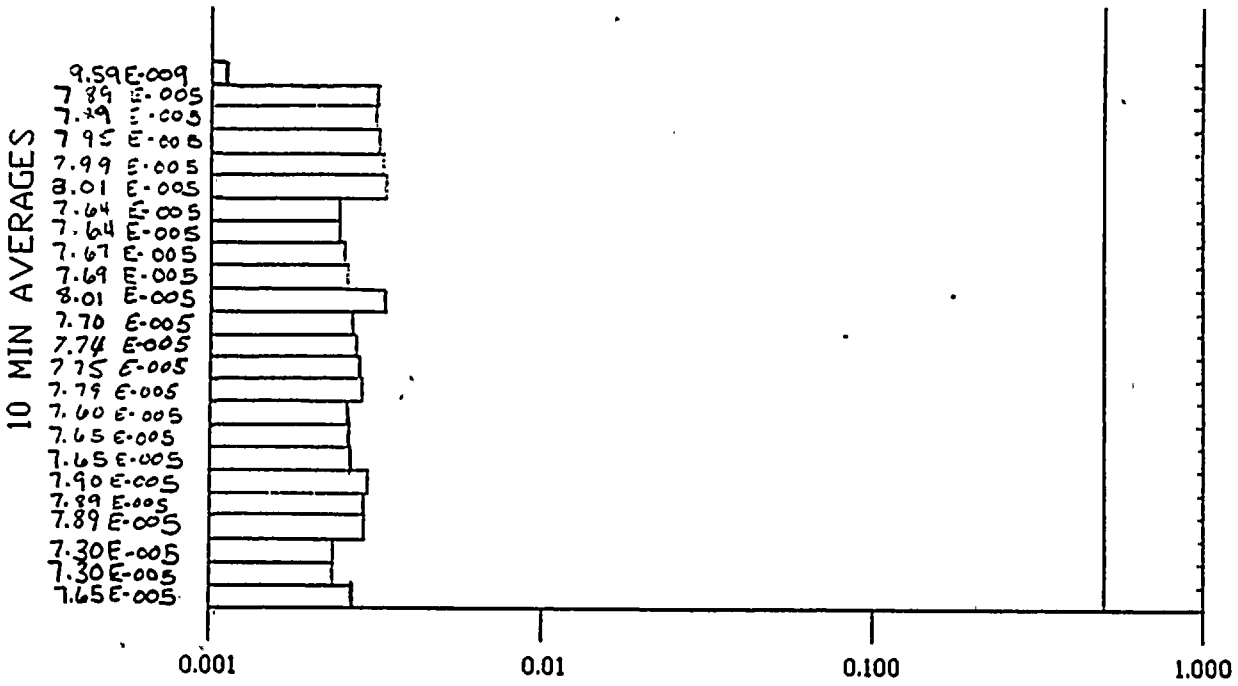
20 Sep 89

0900

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

CALIBRATION CONST : 1.55E-005

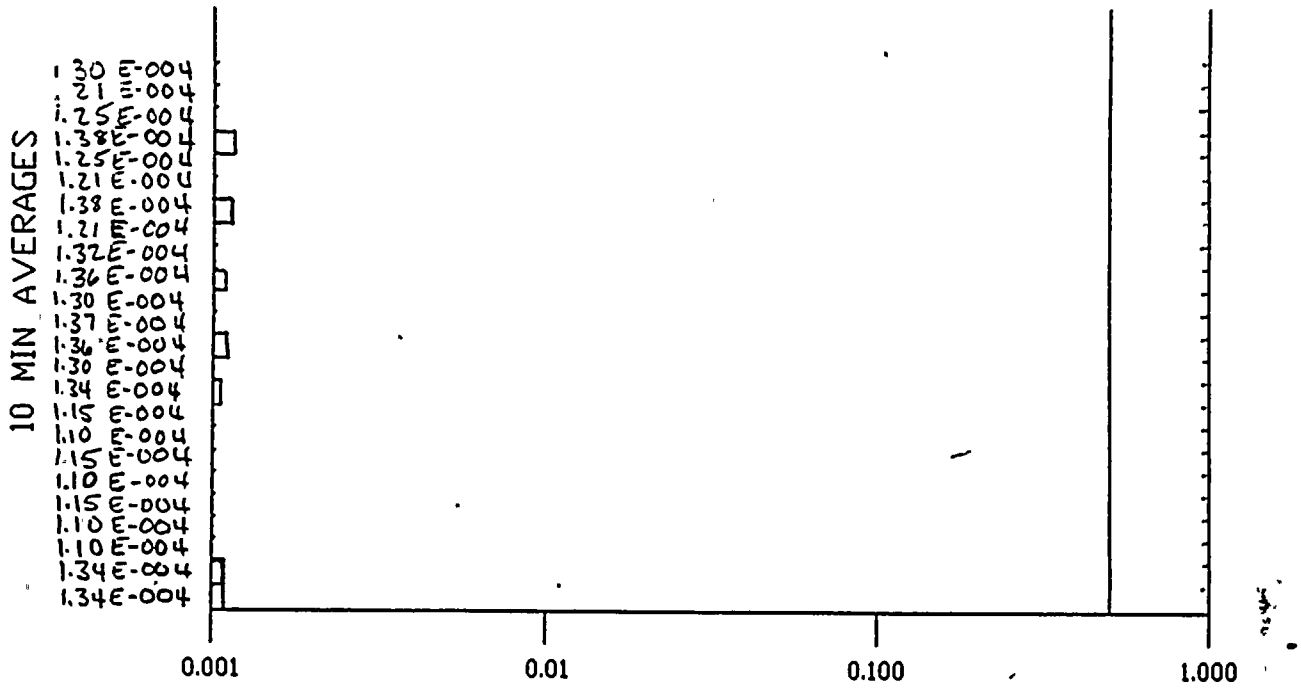
ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

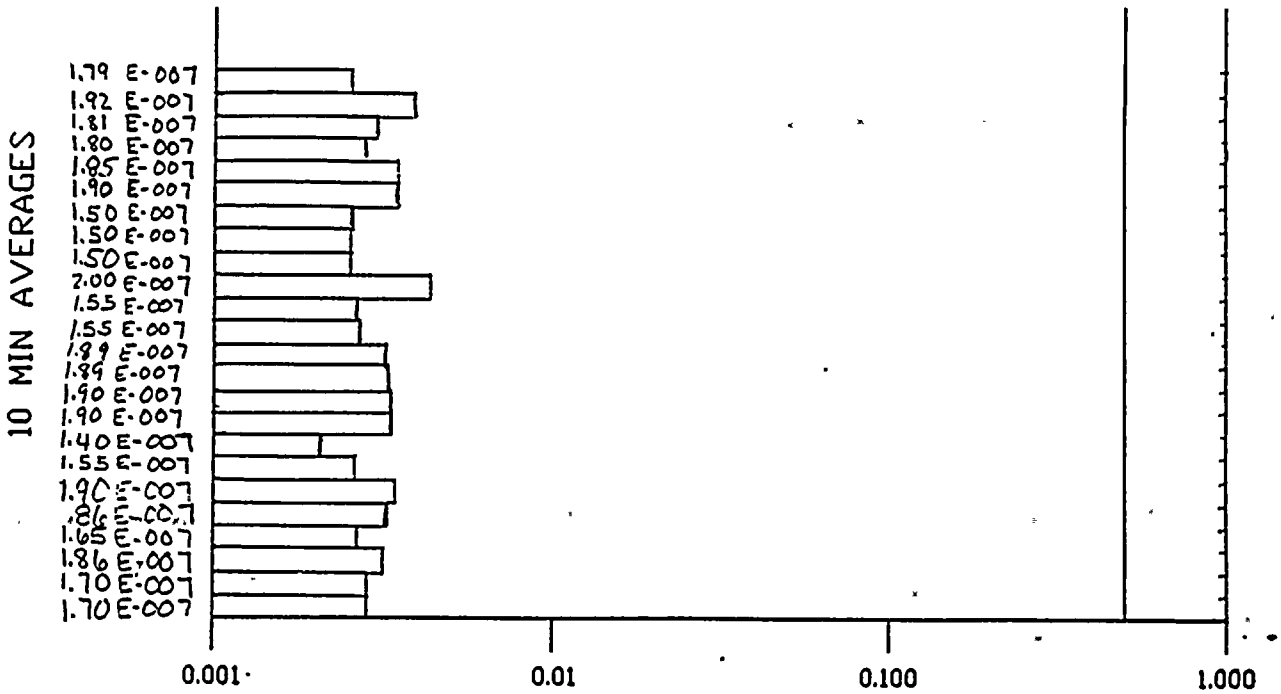
ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

0900

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

0915

STATUS : **RADIATION MONITORING SYSTEM OVERVIEW** 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH
010

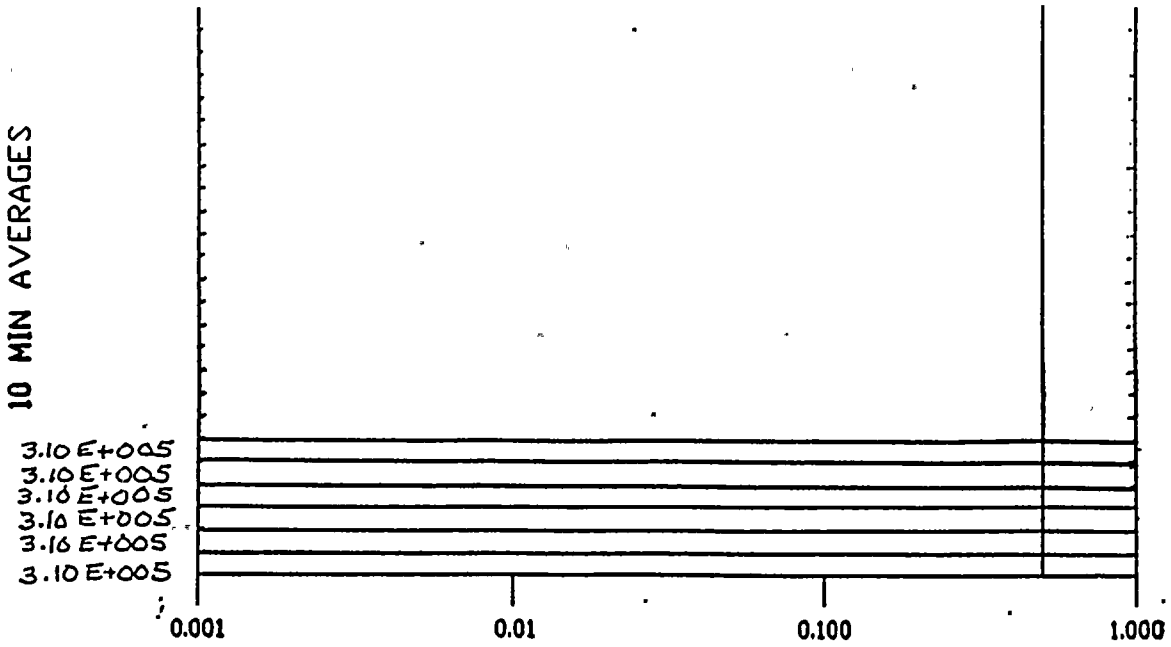
UNINIT..FAIL..NORM[redacted]ALERT..MAINT..STAND-BY..

0915

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

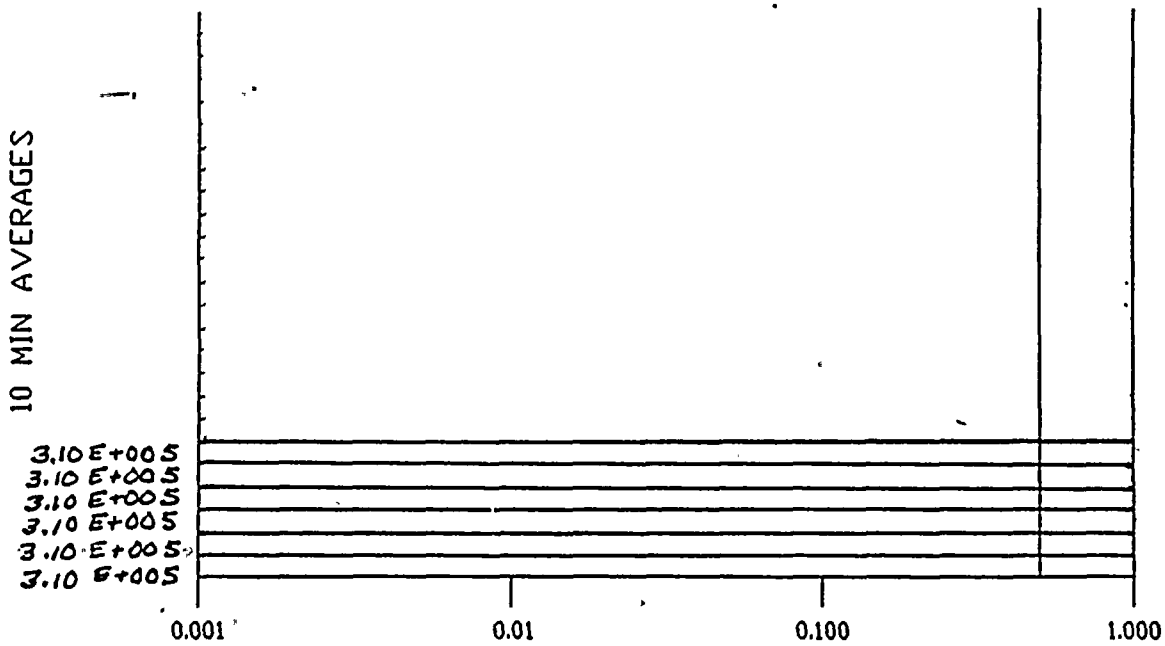
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0915

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

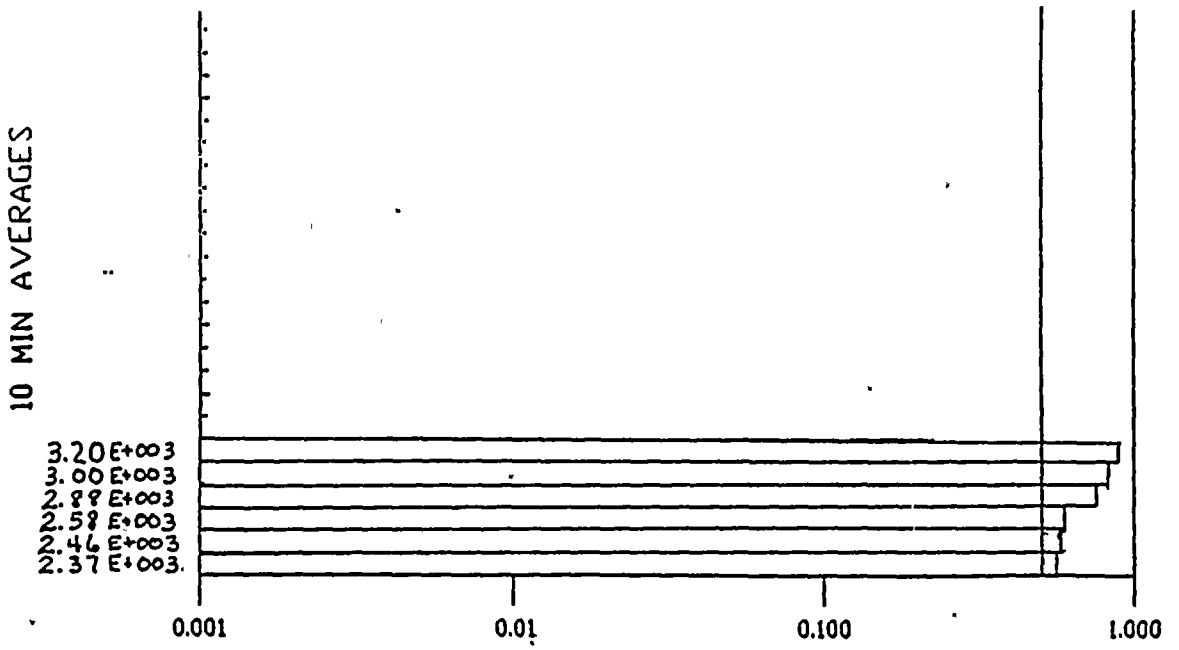
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0915

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

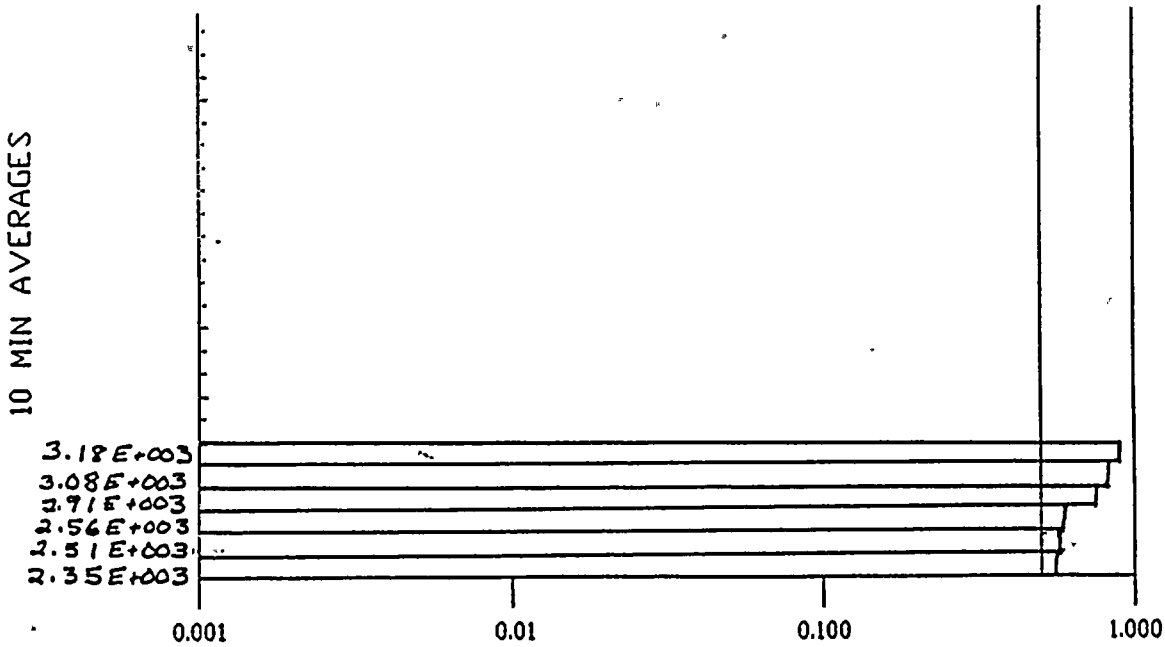
HIGH ALARM : 3.50E-003

20 Sep 89

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

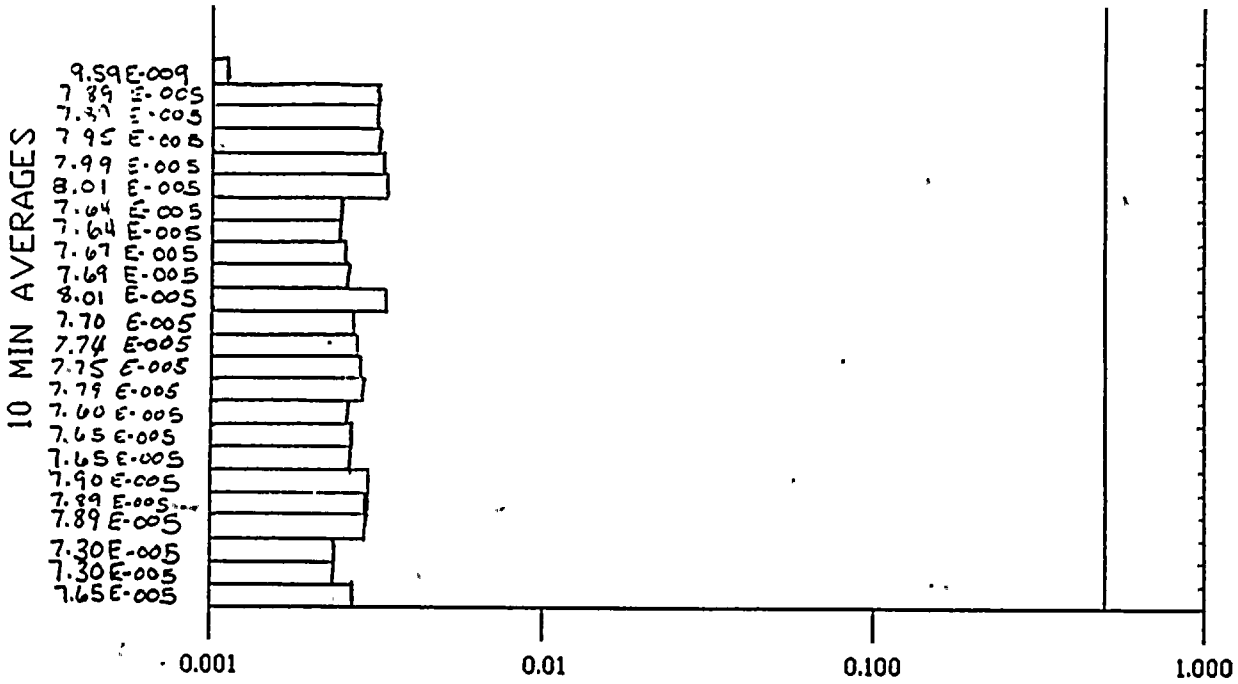
20 Sep 89

0915

STATUS : .

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE : FULL SCALE : 2.6E-001

CALIBRATION CONST : 1.55E-005

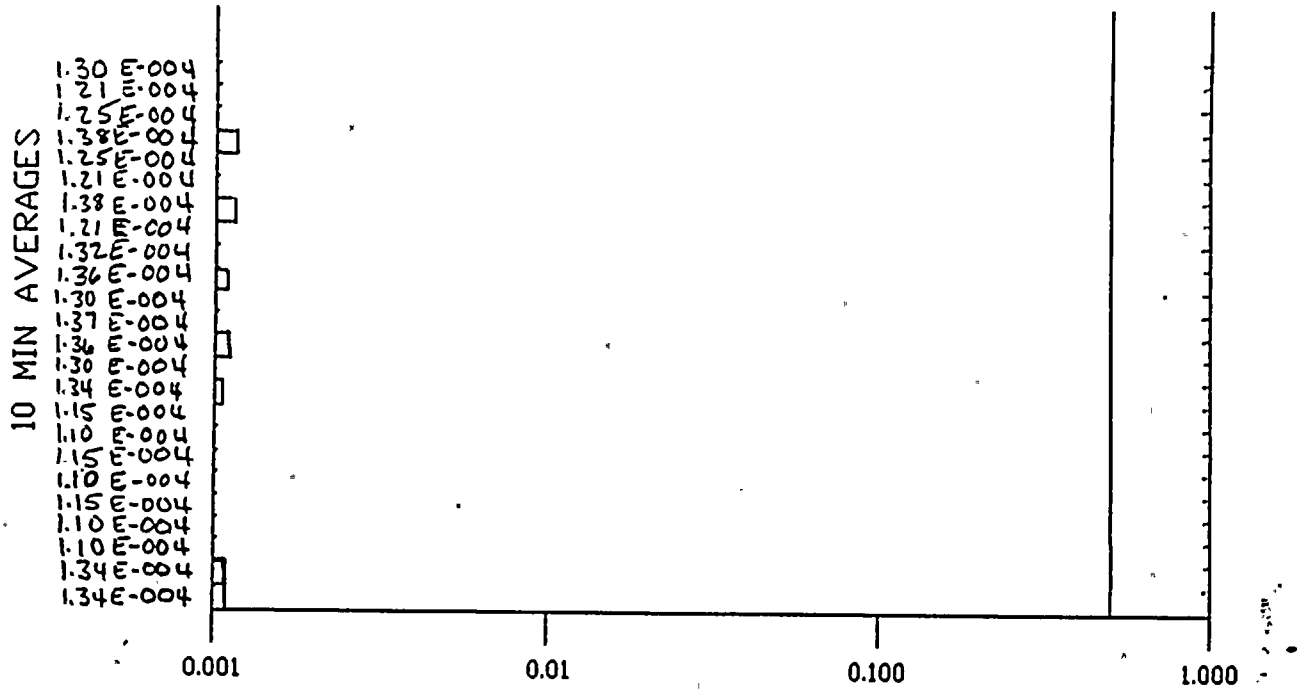
ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

0915

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi.

20 Sep 89



AVERAGE :

FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

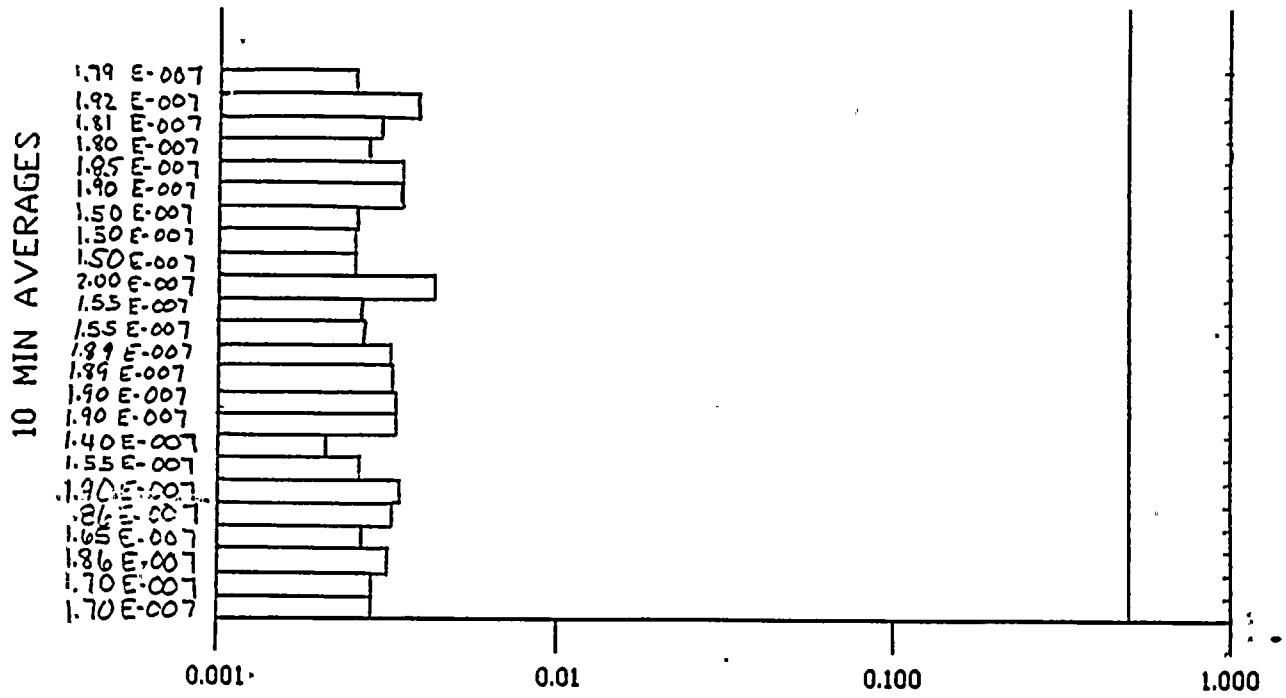
ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

0915

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

0930

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH

010

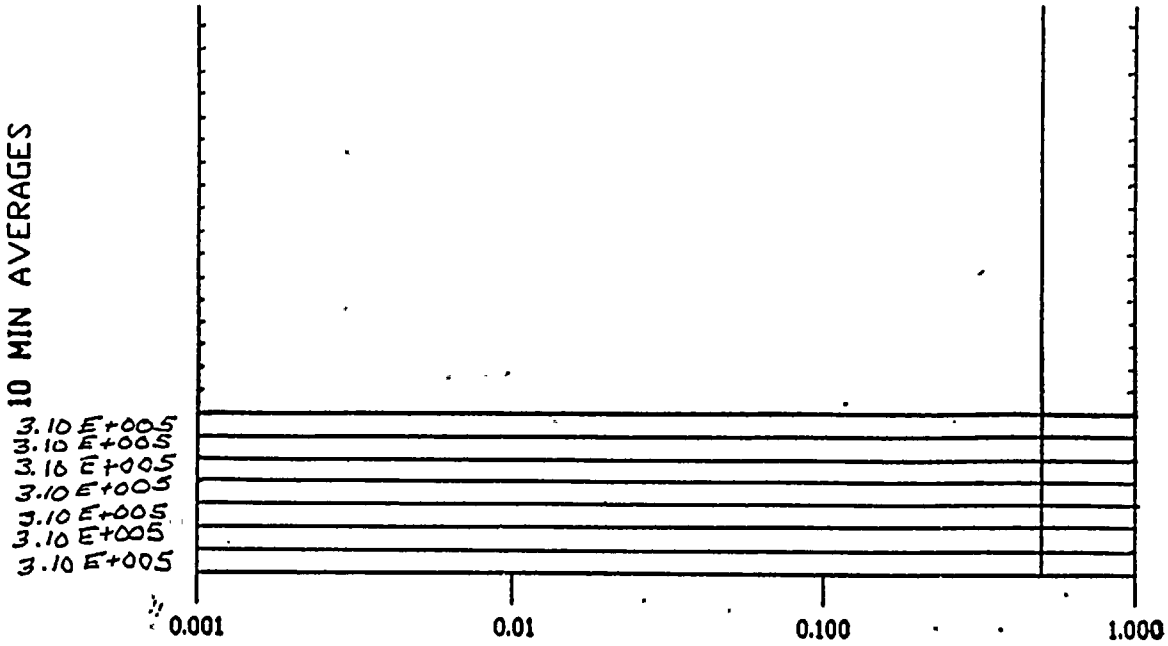
UNINIT [redacted] NORM [redacted] ALERT..MAINT..STAND-BY..

0930

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001

HIGH ALARM : 5.40E+001

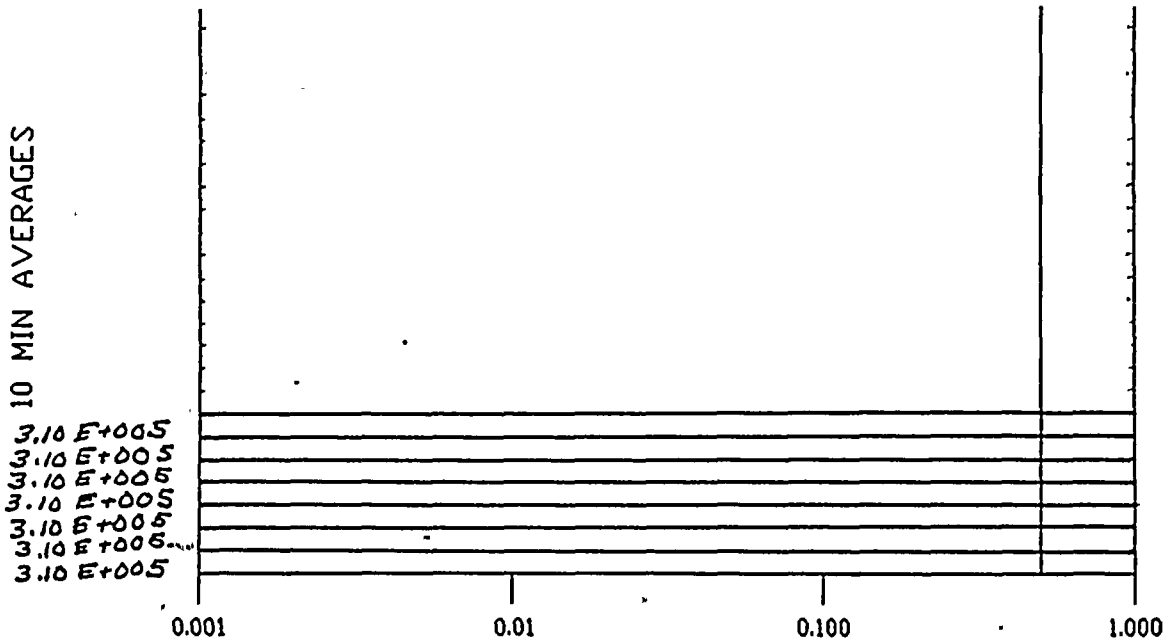
20 Sep 89

0930

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001

HIGH ALARM : 5.40E+001

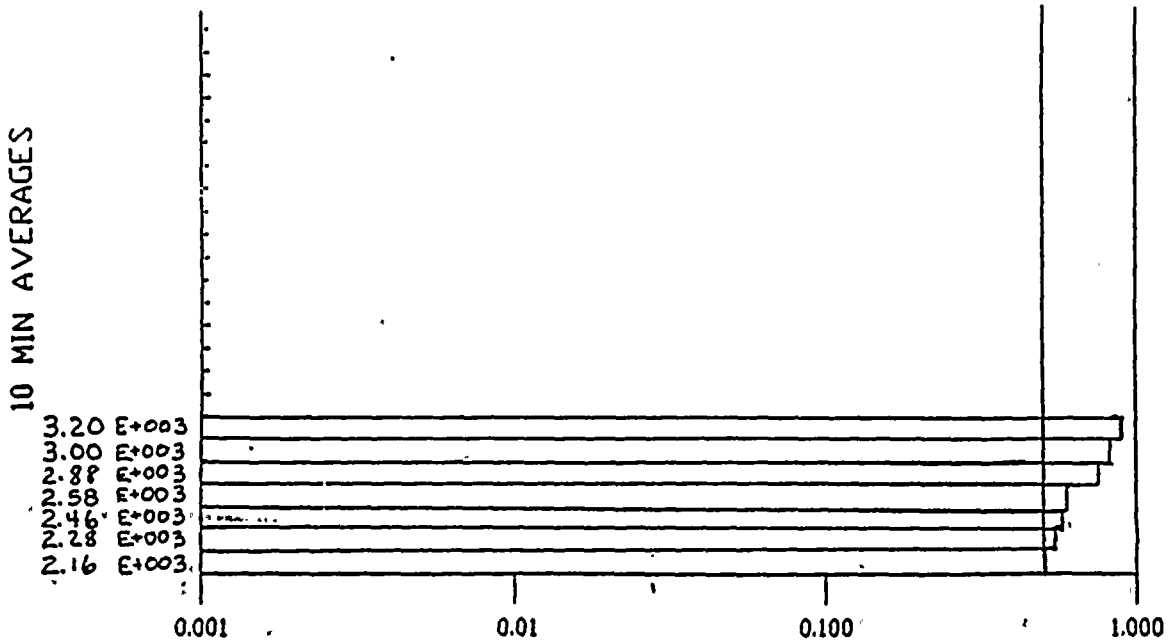
20 Sep 89

0930

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

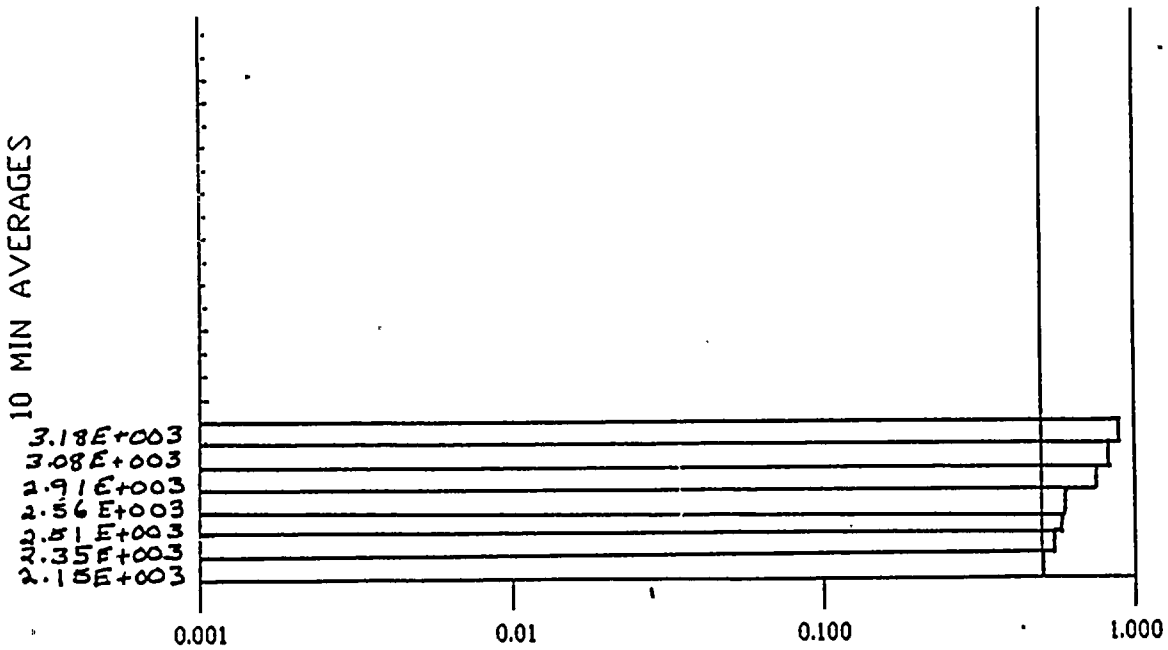
20 Sep 89

0930

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

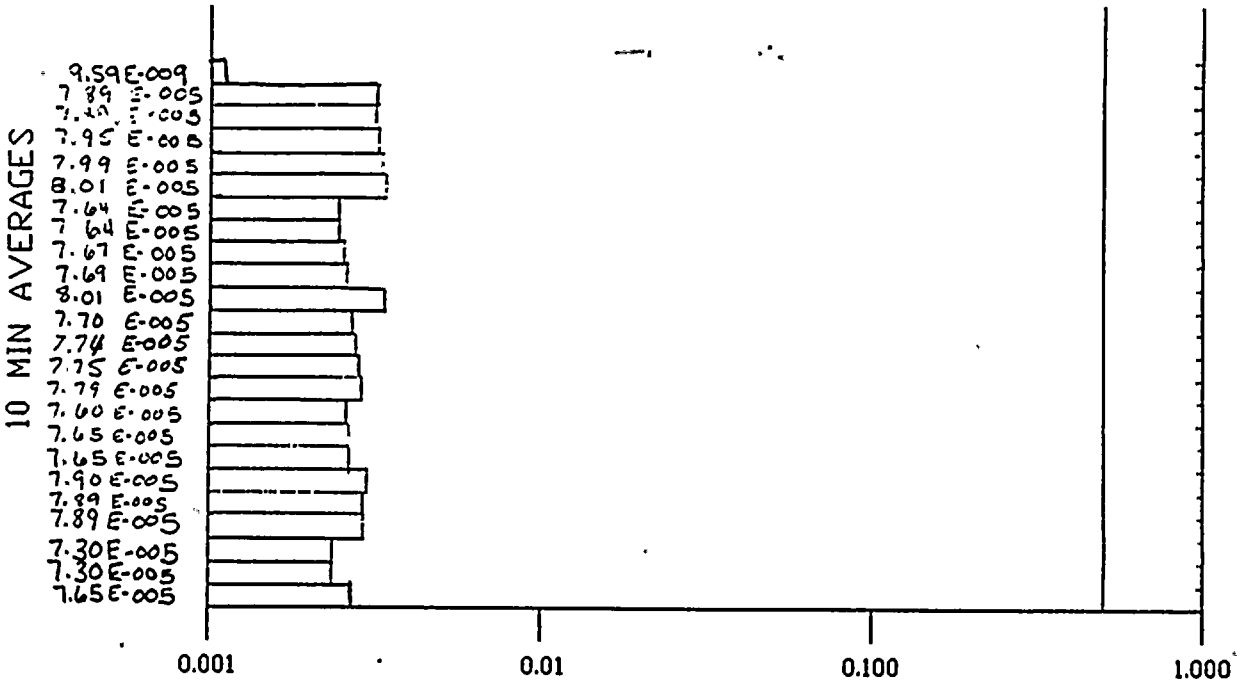
20 Sep 89.

0930

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

CALIBRATION CONST : 1.55E-005

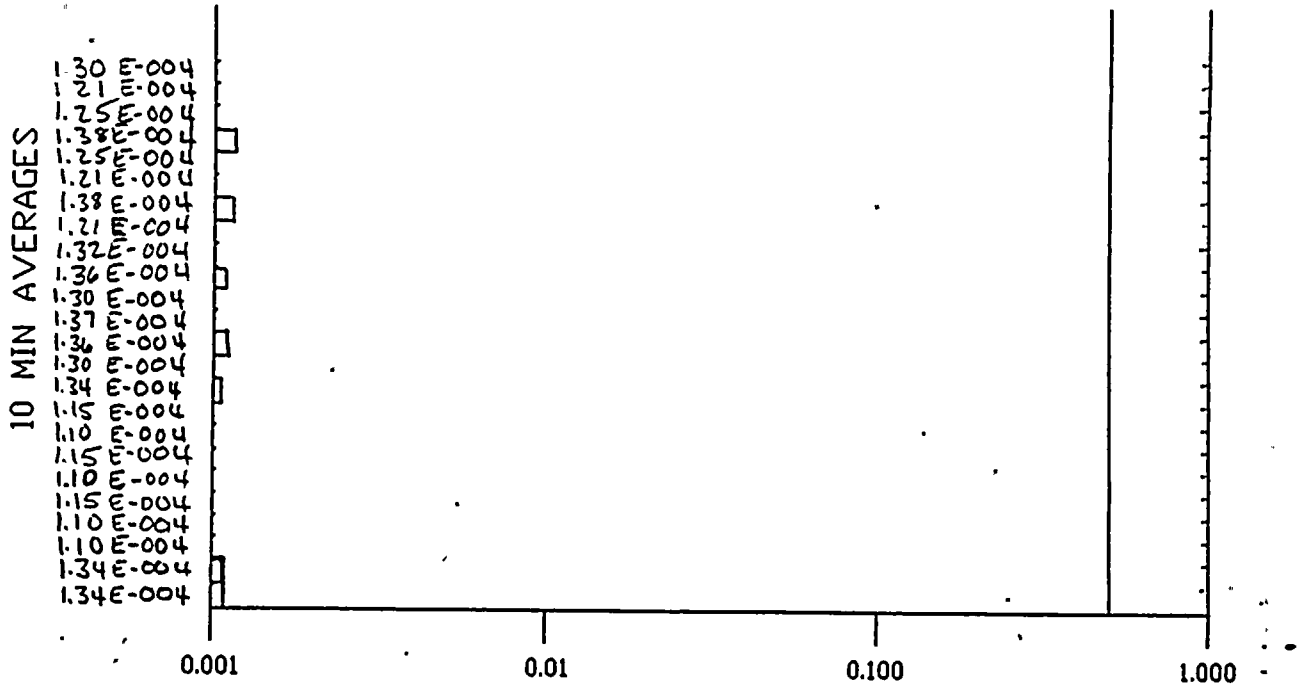
ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

0930

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

ALERT ALARM : 6.78E-002.

HIGH ALARM : 1.13E-001

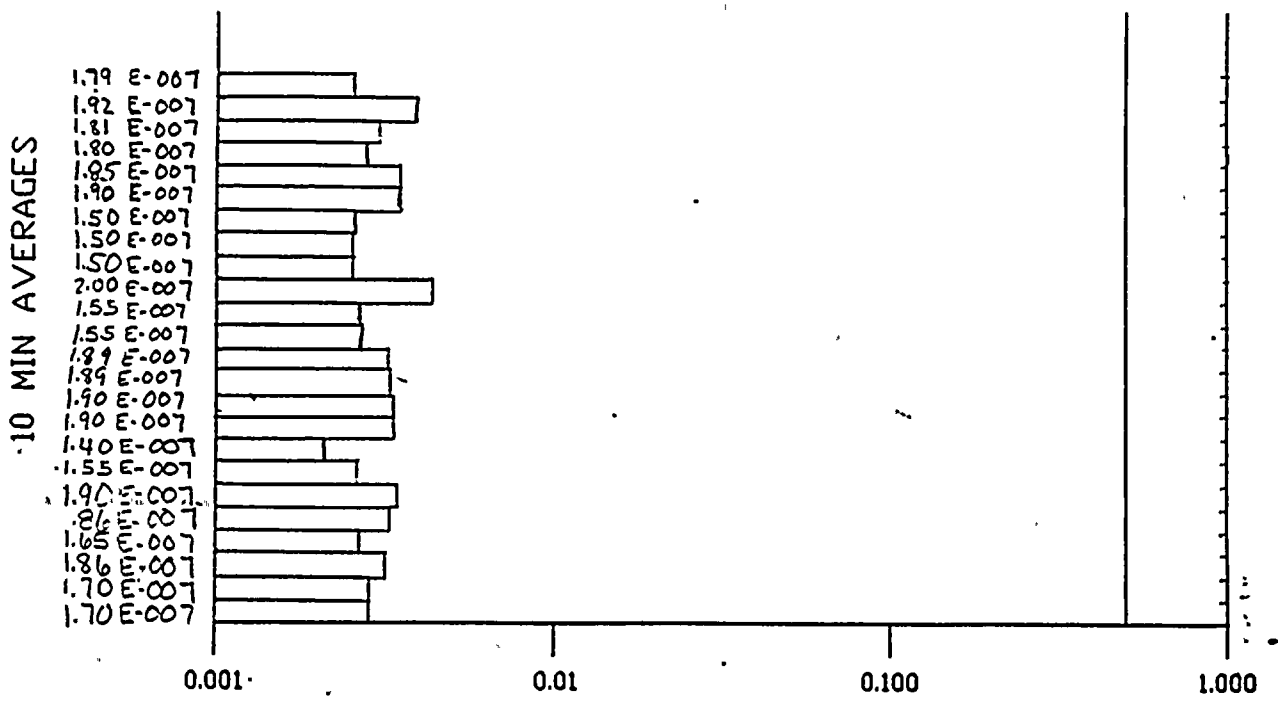
20 Sep 89

0930

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

STATUS : **RADIATION MONITORING SYSTEM OVERVIEW** 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH
010

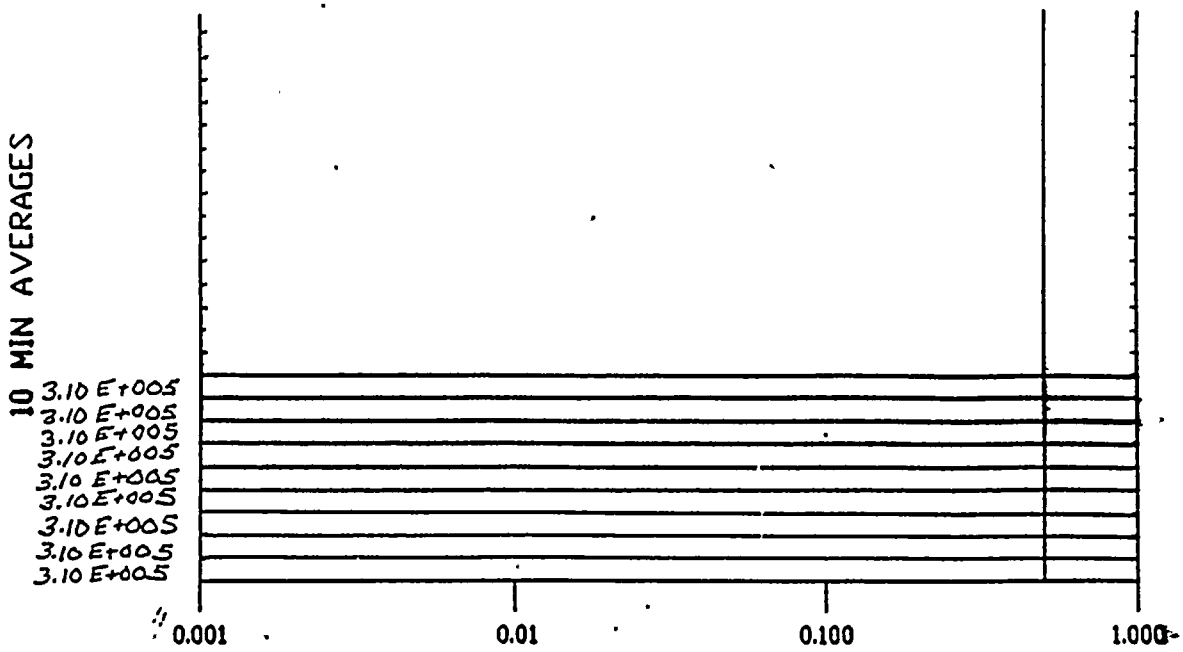
UNINIT. [redacted] NORM. [redacted] ALERT..MAINT..STAND-BY..

0945

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE :

FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

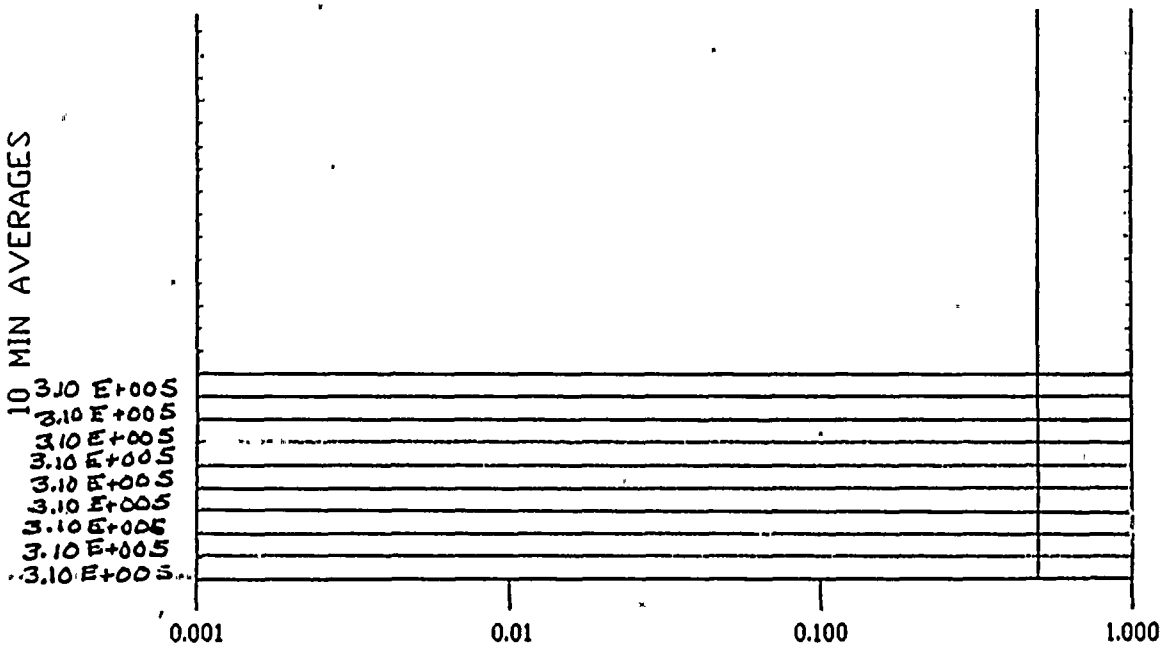
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0945

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

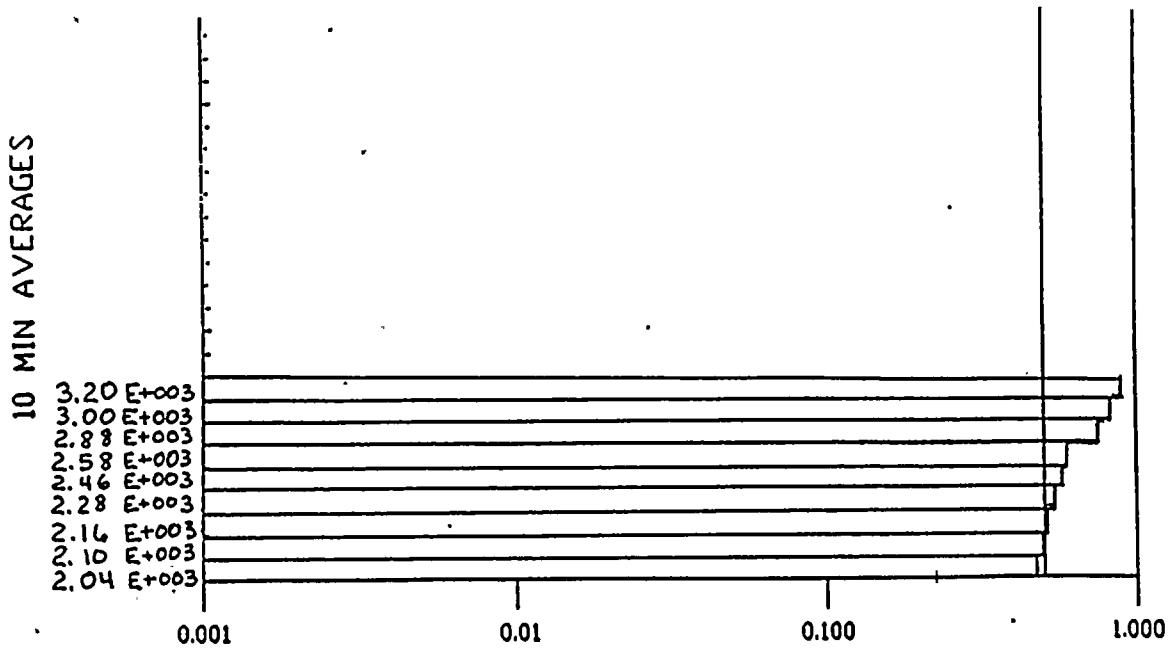
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

0945

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

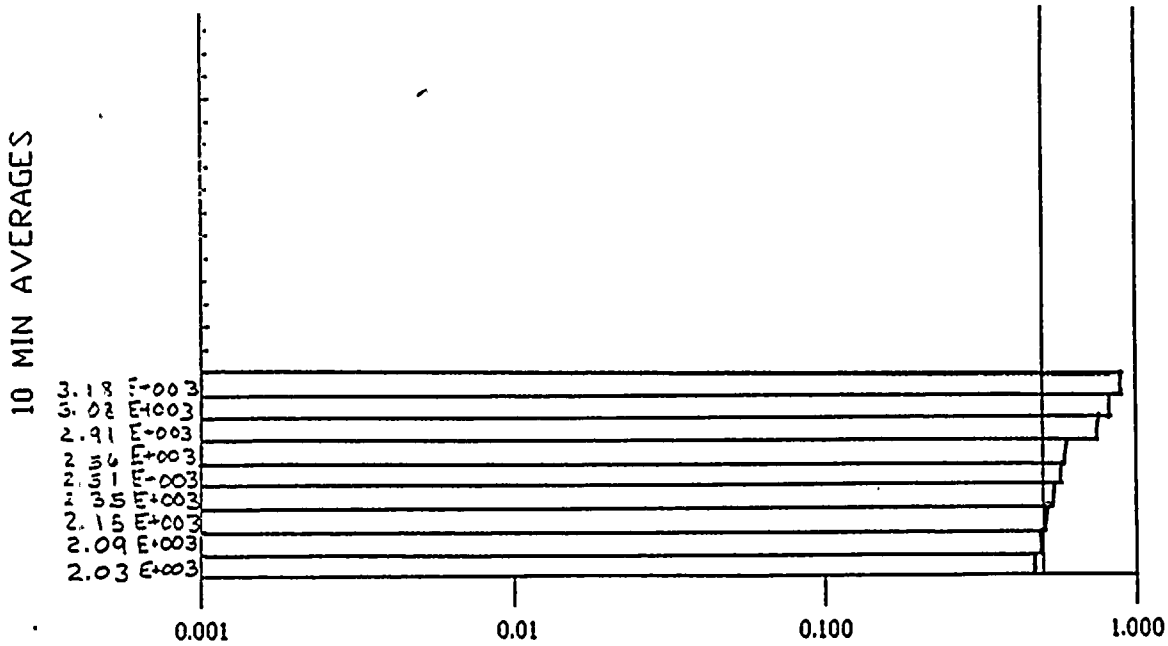
20 Sep 89

0945

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

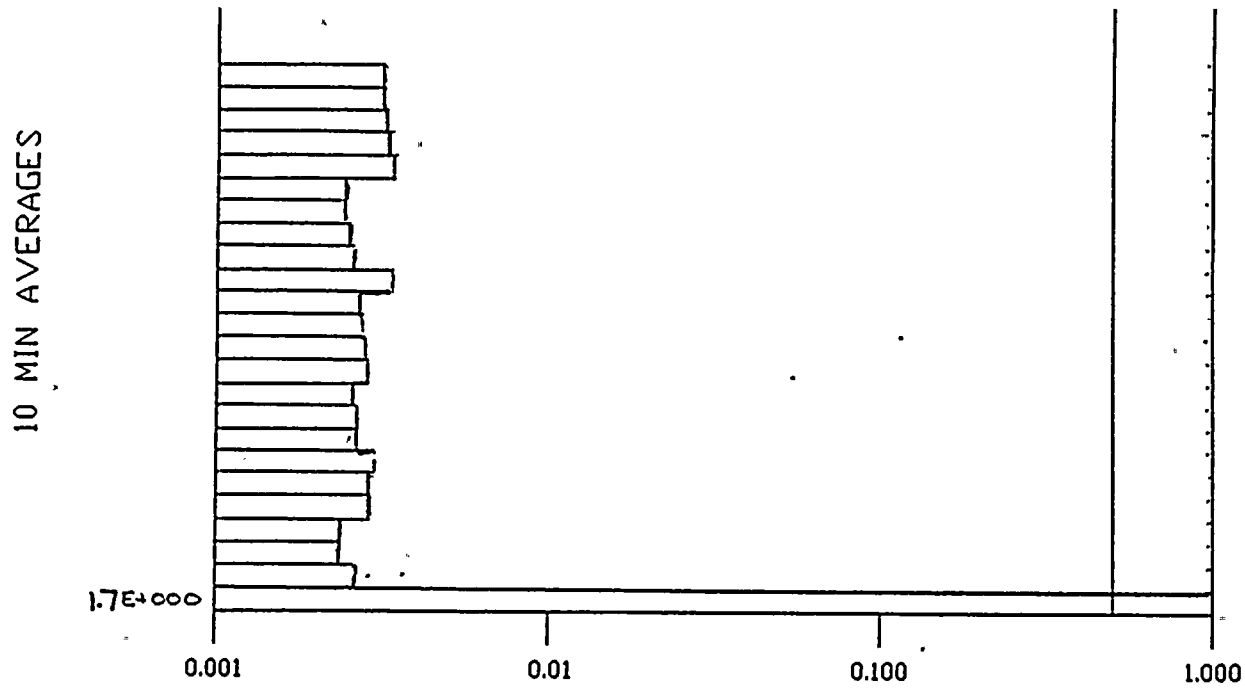
20 Sep 89

0943

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

CALIBRATION CONST : 1.55E-005

ALERT ALARM : 1.56E-001

HIGH ALARM : 2.6E-001

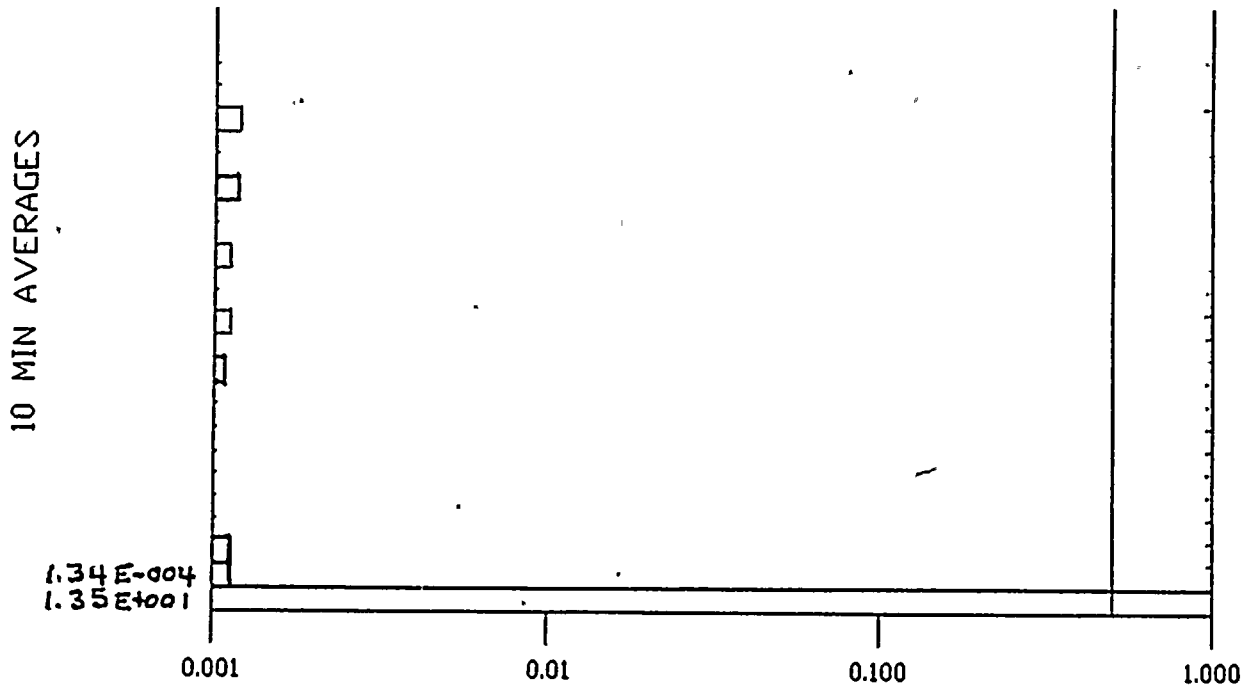
20 Sep 89

0943

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

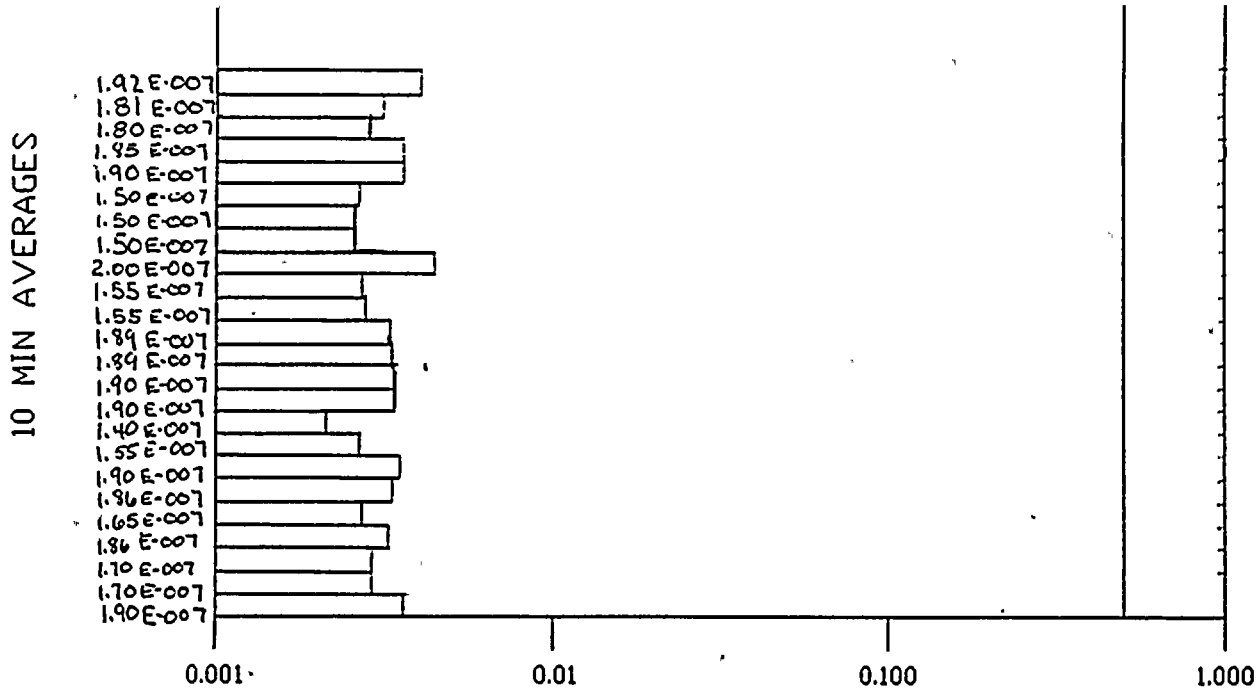
ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

0943

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

1000

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

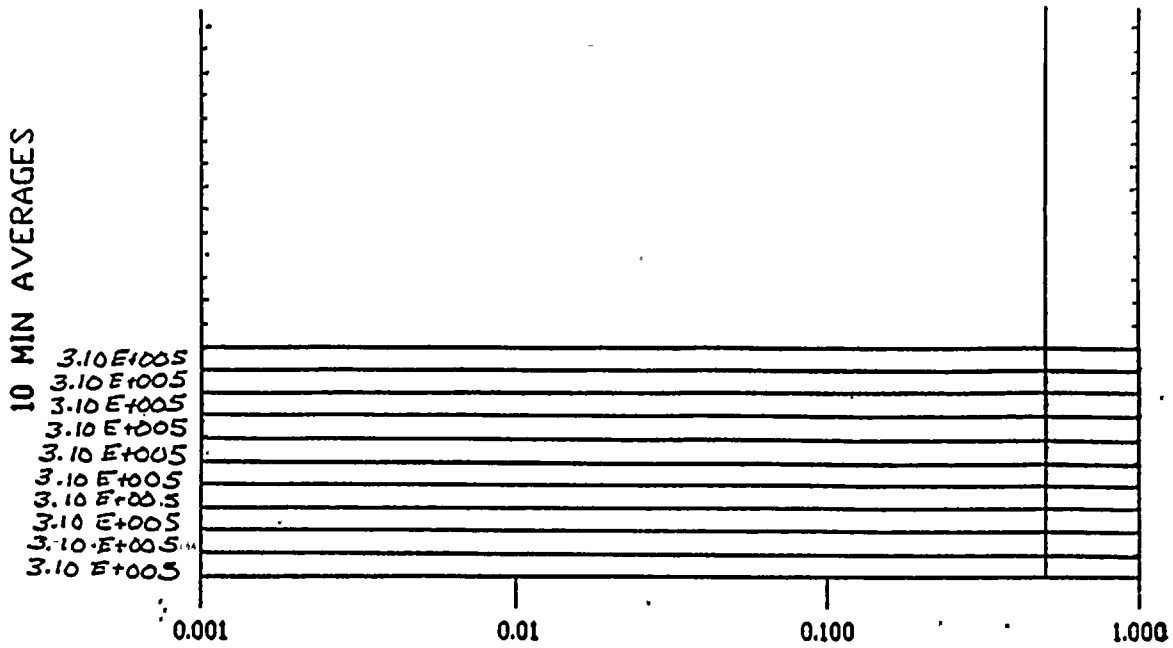
WDS BATCH LIQ DISCH
010

UNINIT.[redacted].NORM.[redacted]..ALERT..MAINT..STAND-BY..

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

1000
20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

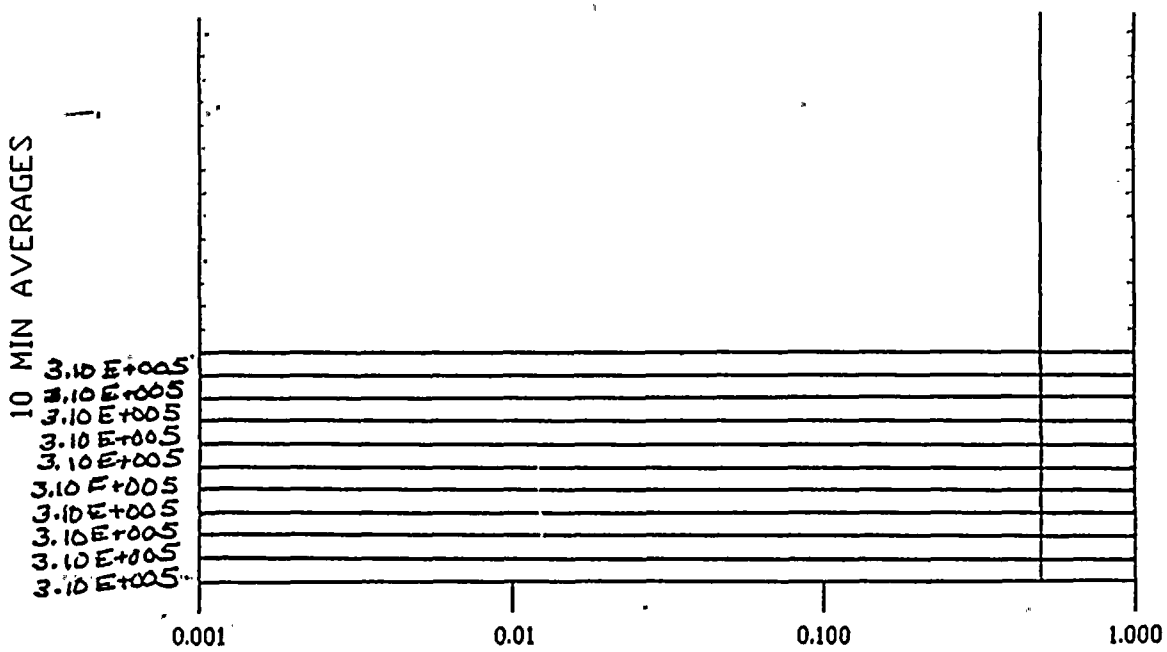
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

1000

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

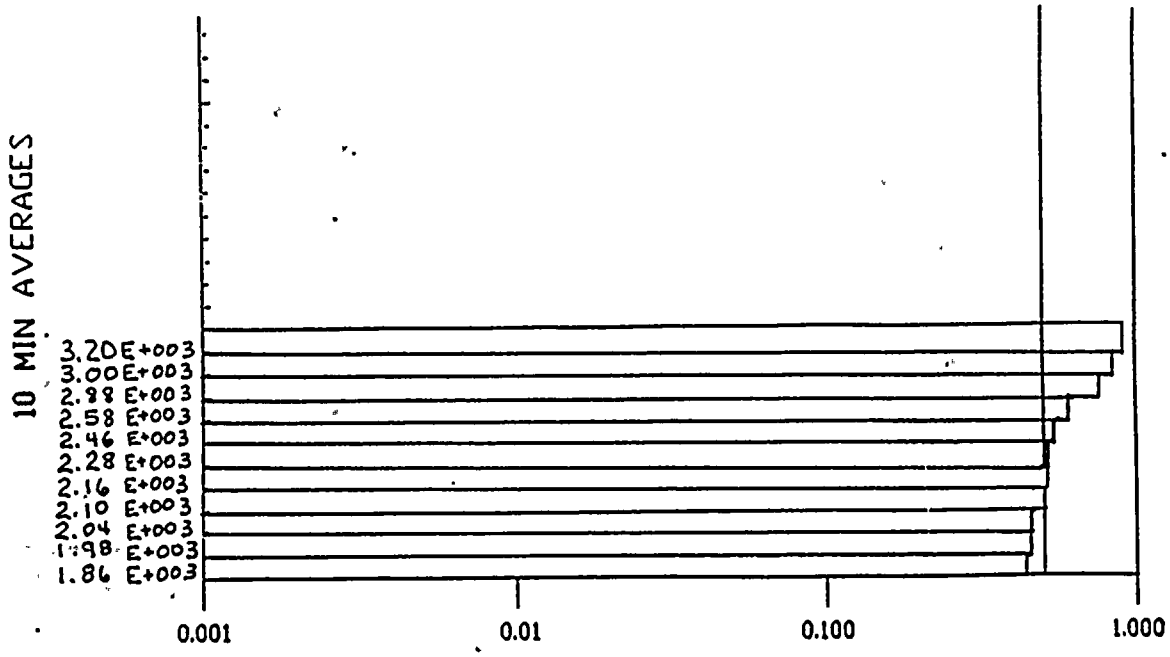
1000

STATUS :

HISTORY OF UNIT 23-10

AREA_____:_LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

20 Sep 89

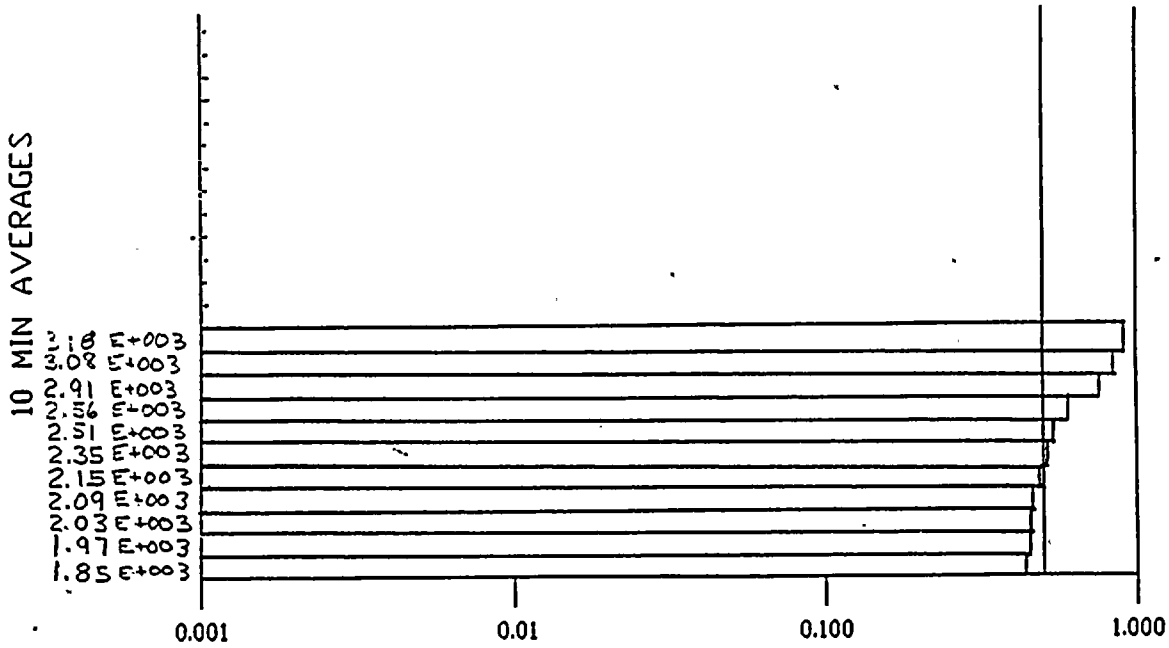
1000

STATUS :

HISTORY OF UNIT 24-10

AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

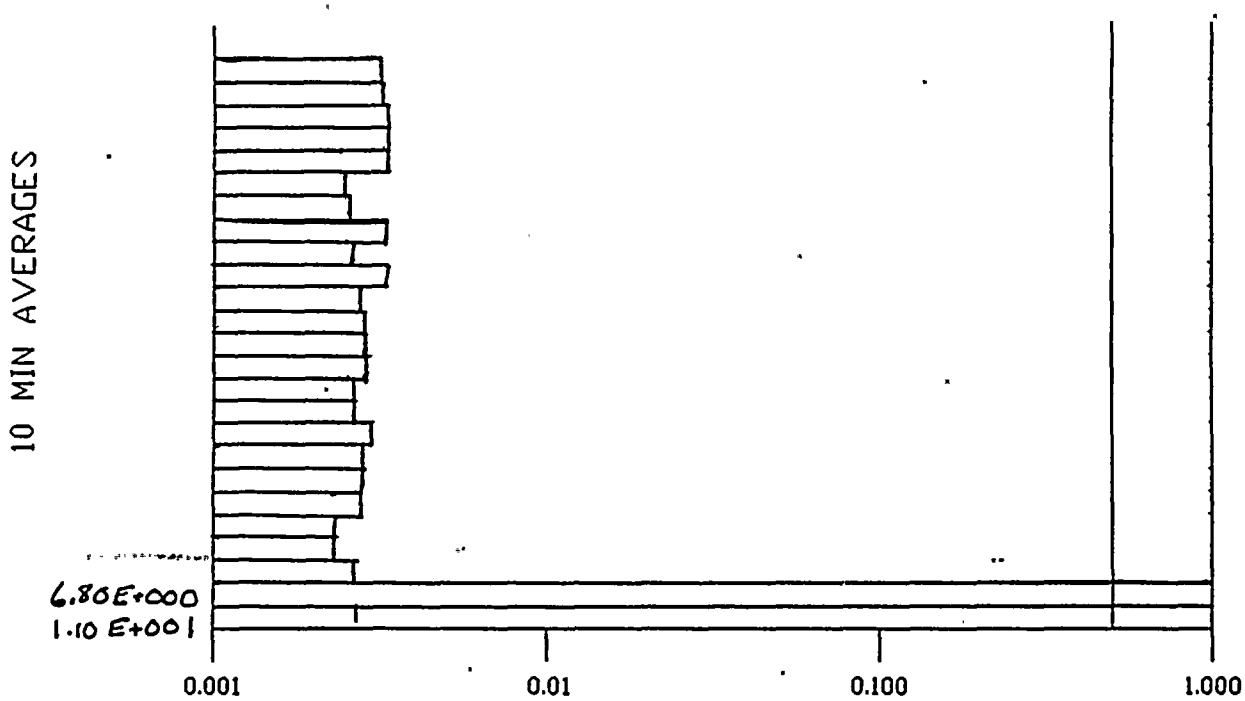
20 Sep 89

1000

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

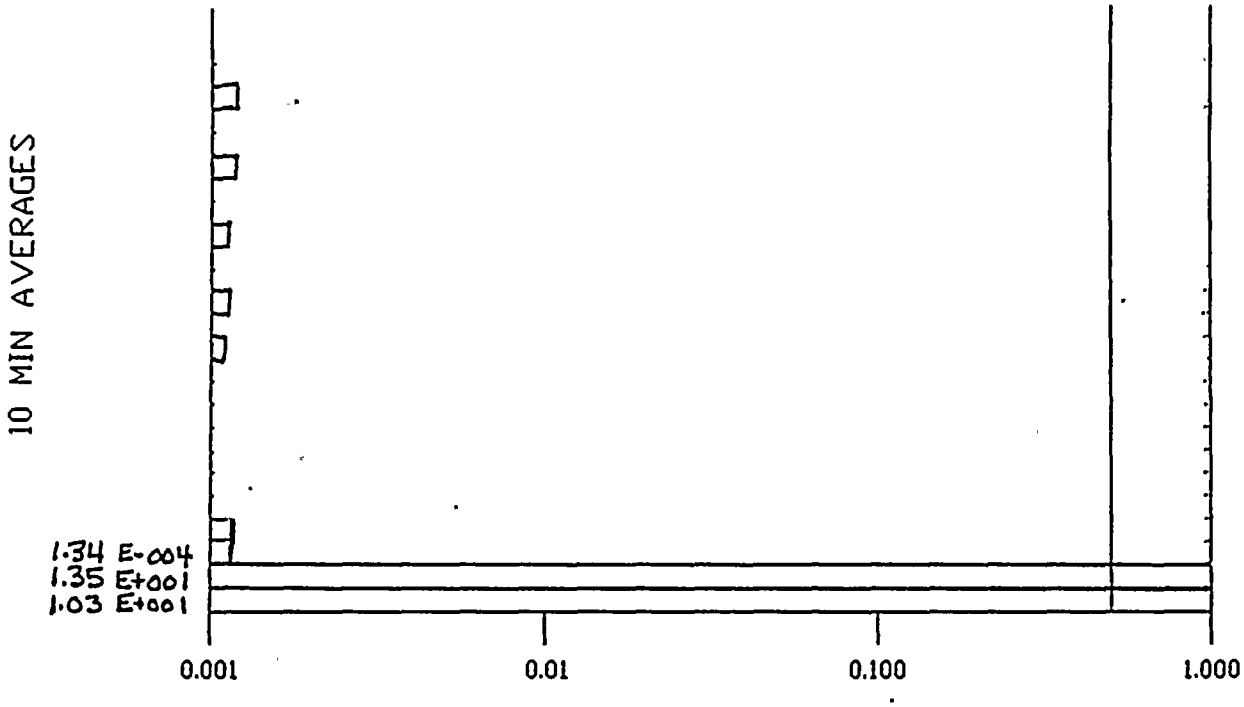
CALIBRATION CONST : 1.55E-005

ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

1000
20 Sep 89



AVERAGE : FULL SCALE : 1.13E-001

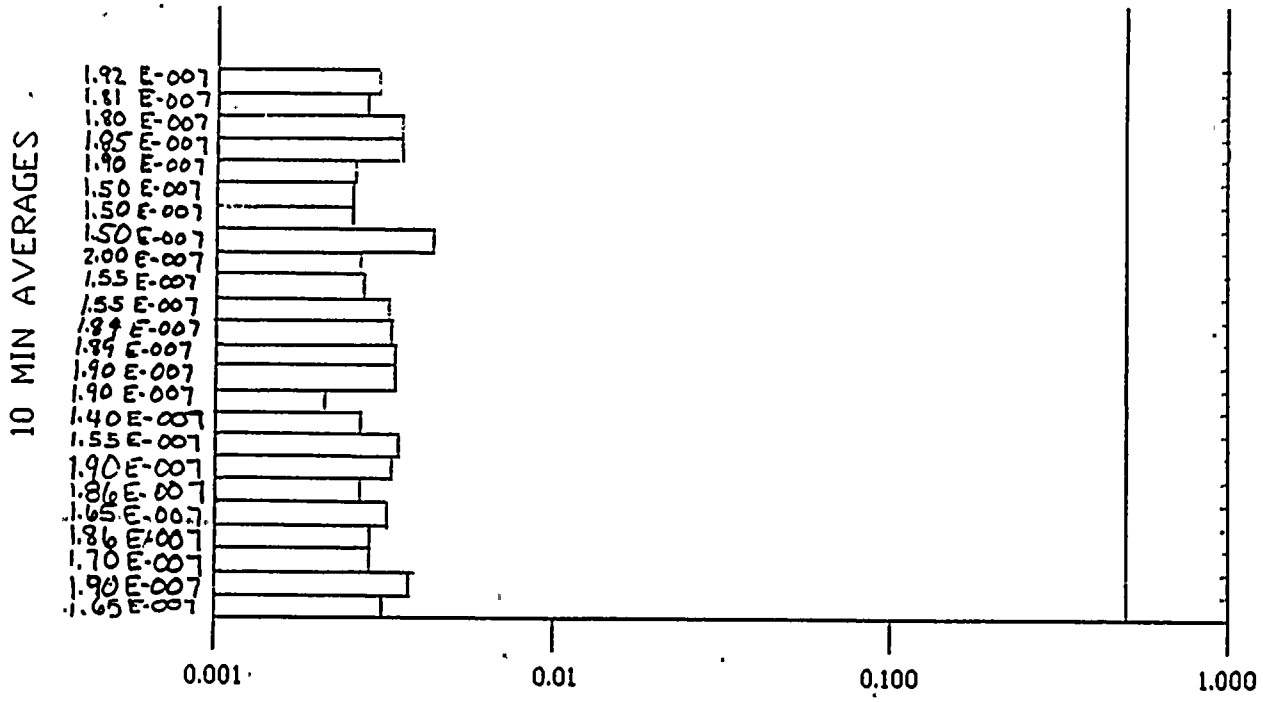
CALIBRATION CONST : 2.64E-005

ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

1000
20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

STATUS : **RADIATION MONITORING SYSTEM OVERVIEW** 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

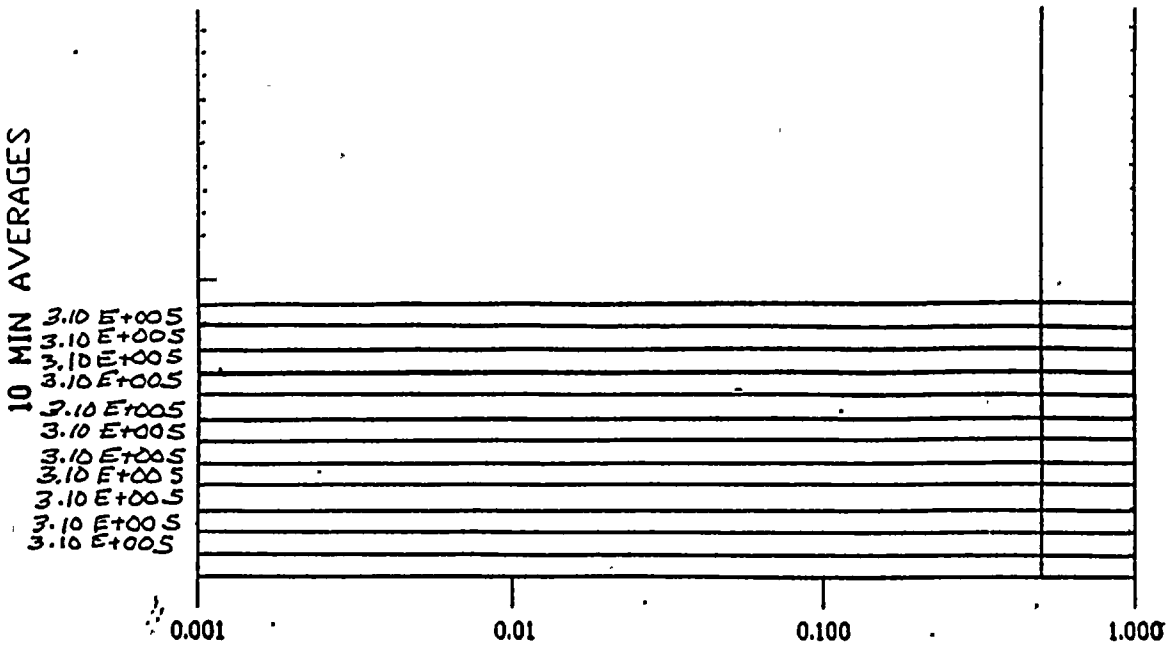
WDS BATCH LIQ DISCH
010

UNINIT. [redacted] NORM. [redacted] ALERT..MAINT..STAND-BY..

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

1015
20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

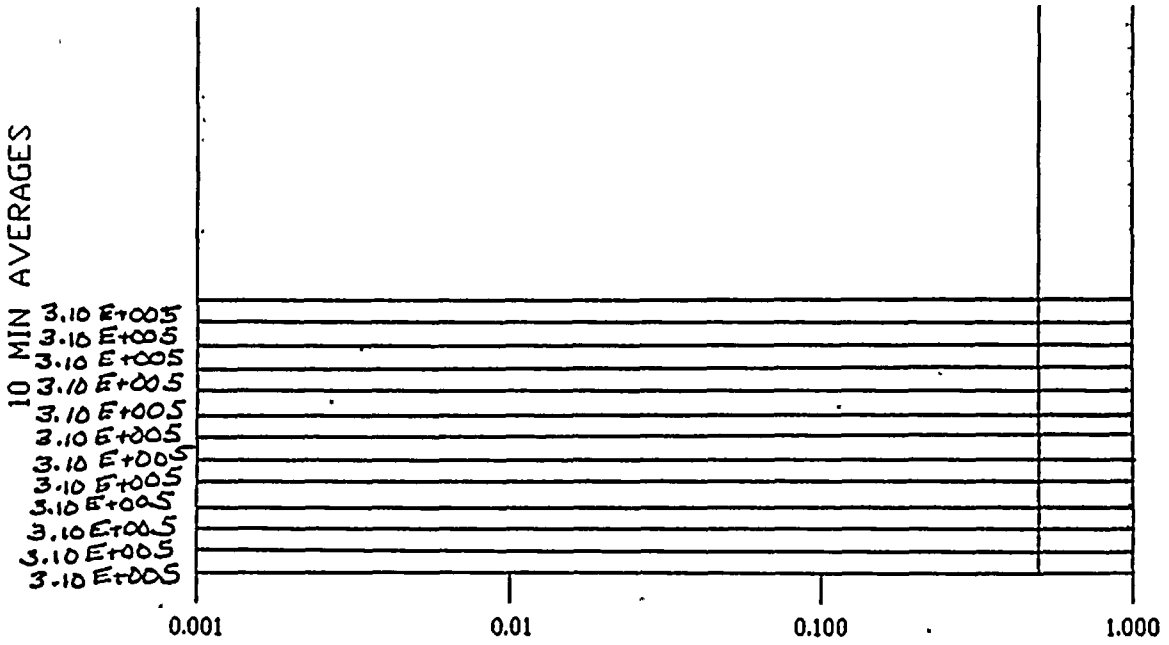
CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

1015
20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

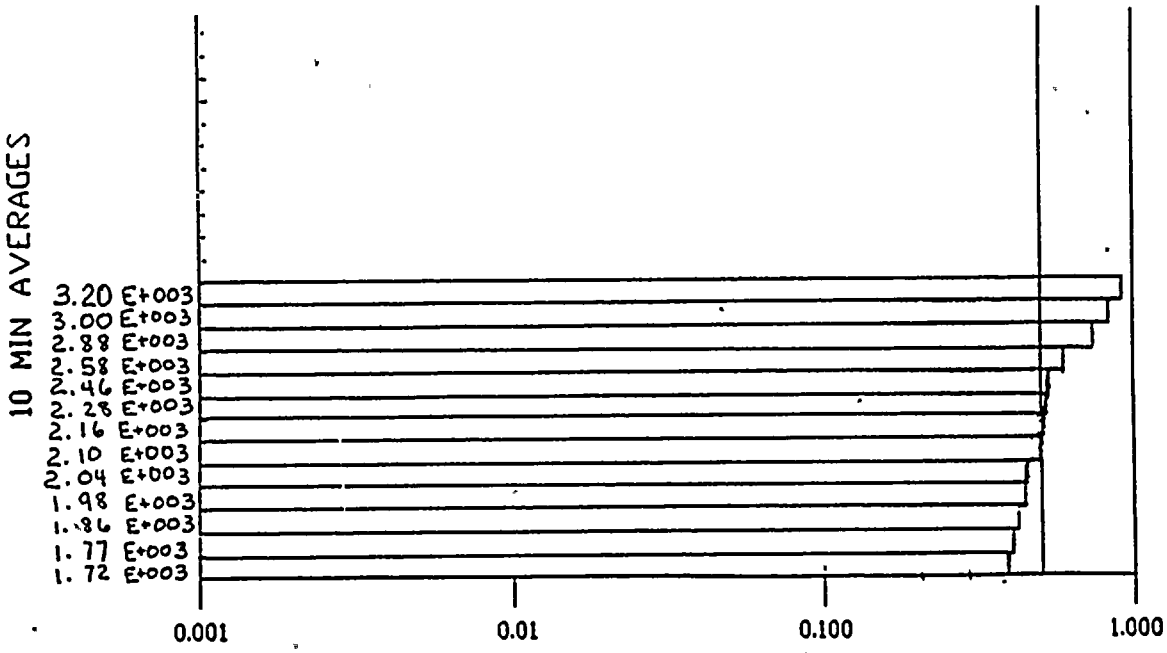
1015

20 Sep 89

STATUS :

HISTORY OF UNIT 23-10

AREA_____LOG IN R/h



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

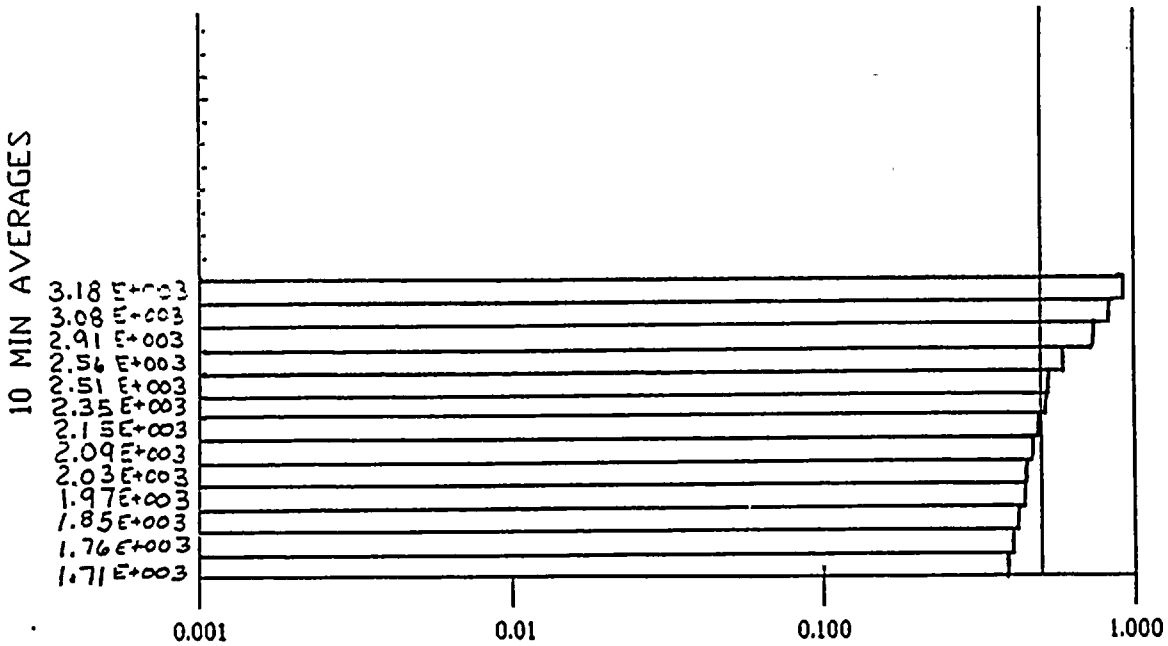
20 Sep 89

1015

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

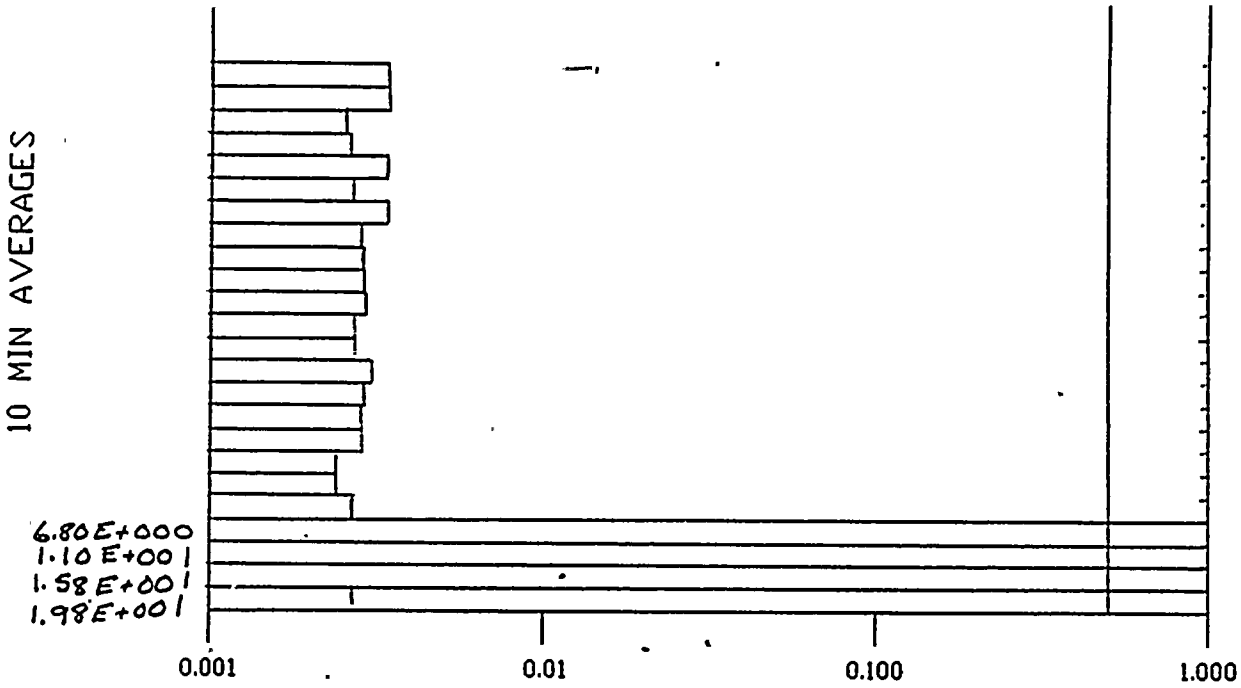
20 Sep 89

1015

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

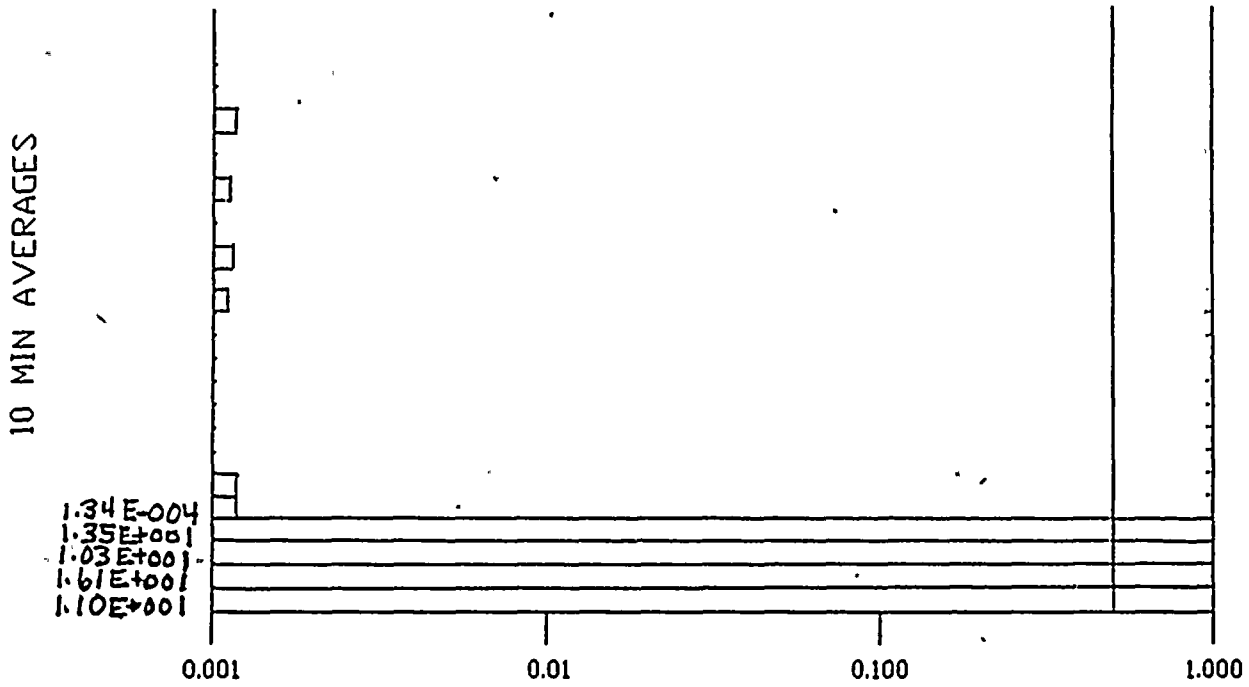
CALIBRATION CONST : 1.55E-005

ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

10 15
20 Sep 89



AVERAGE : FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

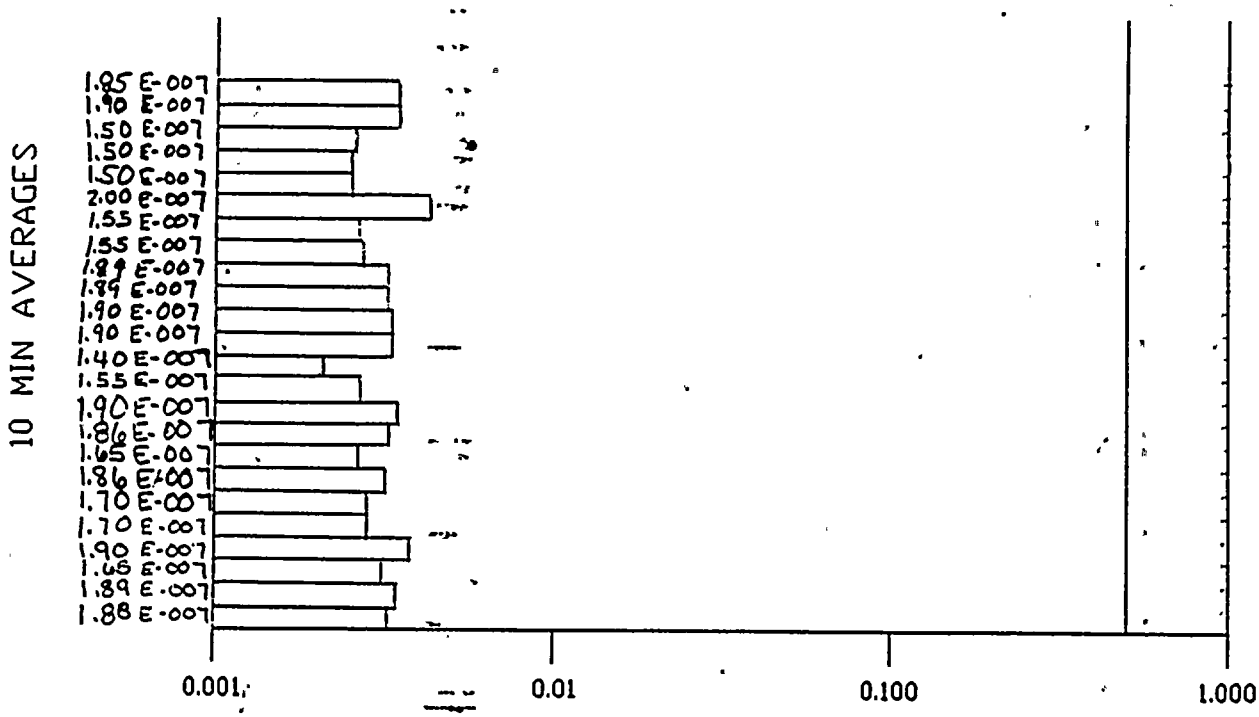
ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

1015

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

1030

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	[redacted]
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

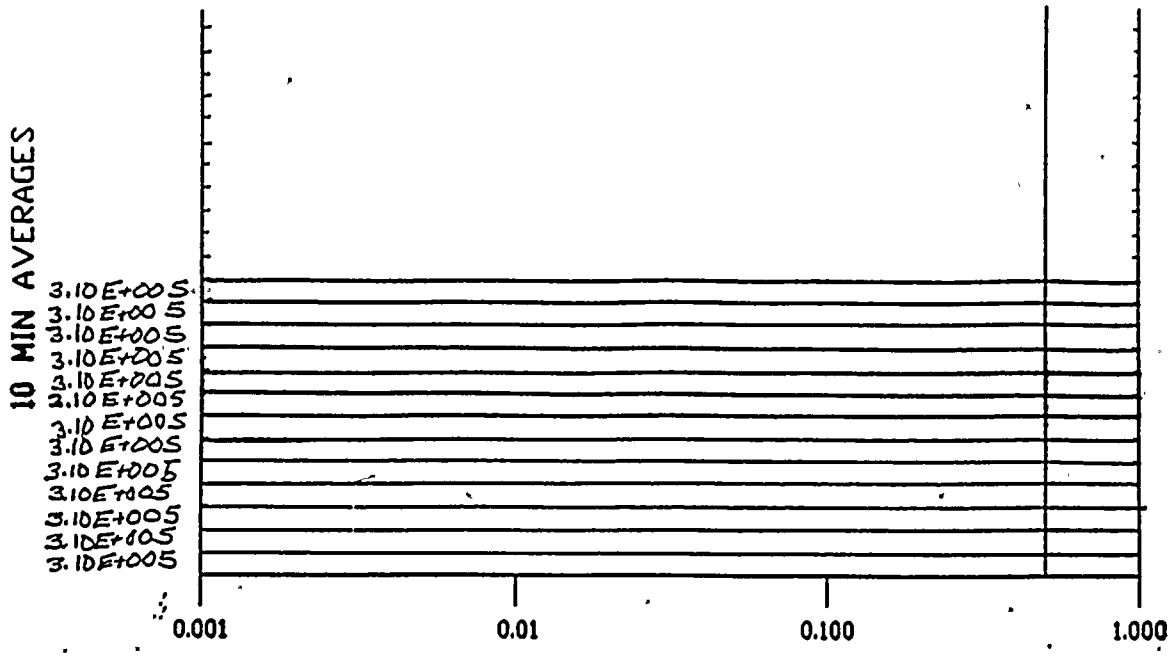
WDS BATCH LIQ DISCH
010

UNINIT..[redacted]..NORM[redacted].ALERT..MAINT..STAND-BY..

STATUS :

HISTORY OF UNIT 21-01
GAMMA AREA in mR/h

1030
20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

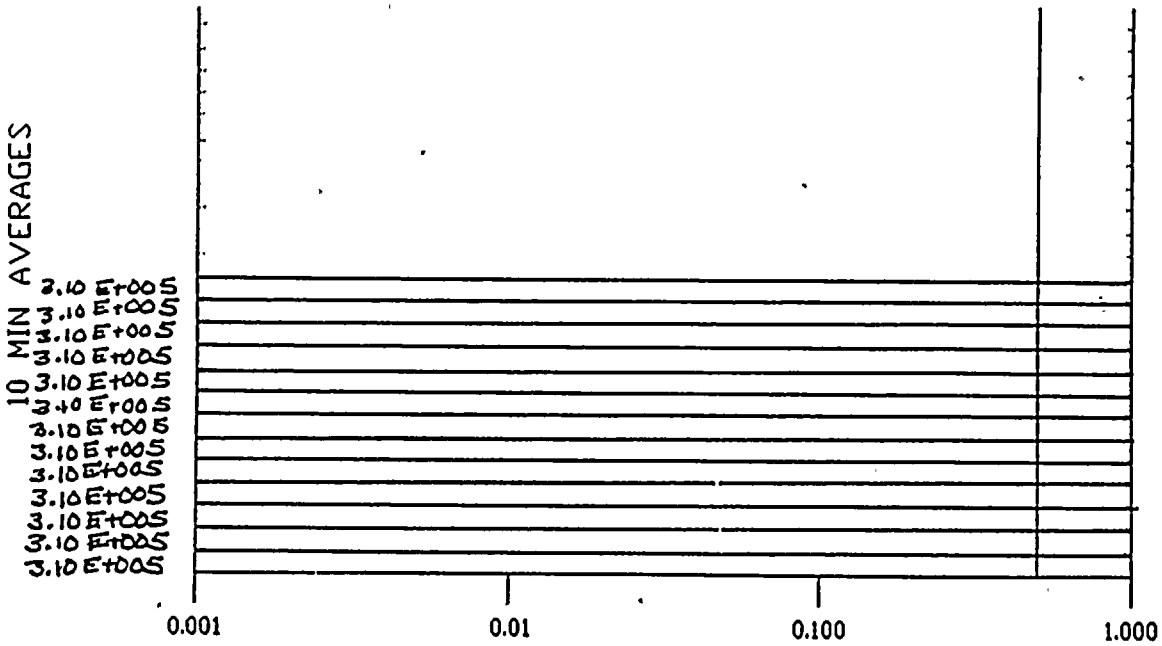
CALIBRATION CONST : 6.21E-001

ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

STATUS :

HISTORY OF UNIT 22-01
GAMMA AREA in mR/h

1030
20 Sep 89



AVERAGE : FULL SCALE : 5.40E+001

CALIBRATION CONST : 6.21E-001

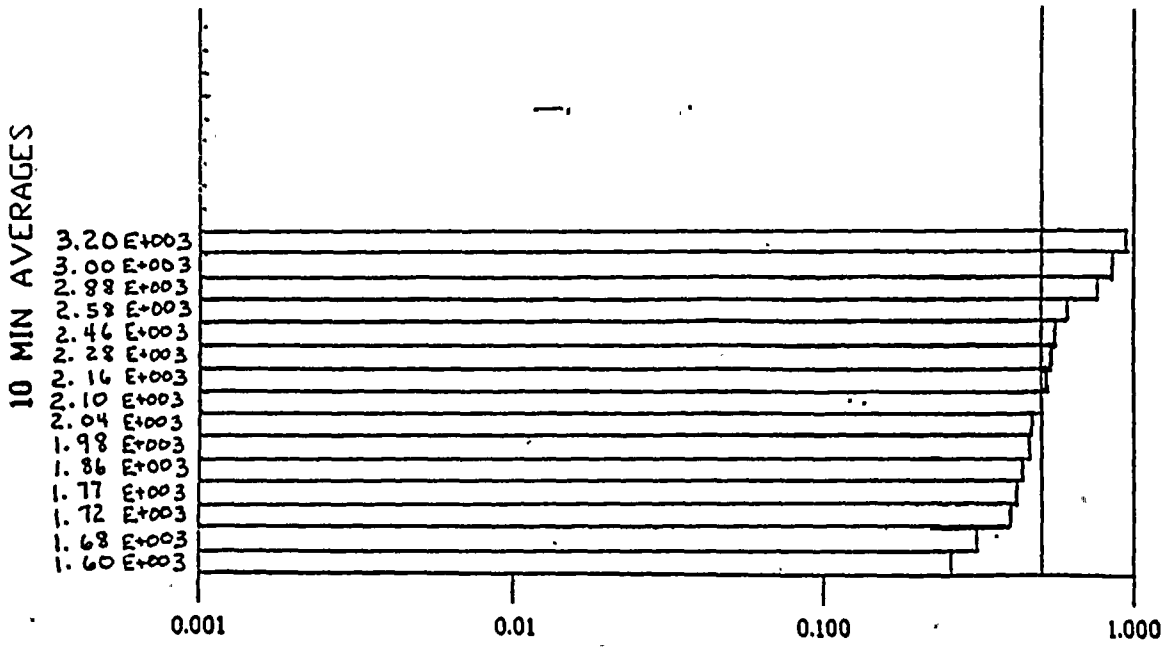
ALERT ALARM : 3.24E+001 HIGH ALARM : 5.40E+001 20 Sep 89

1030

STATUS :

HISTORY OF UNIT 23-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

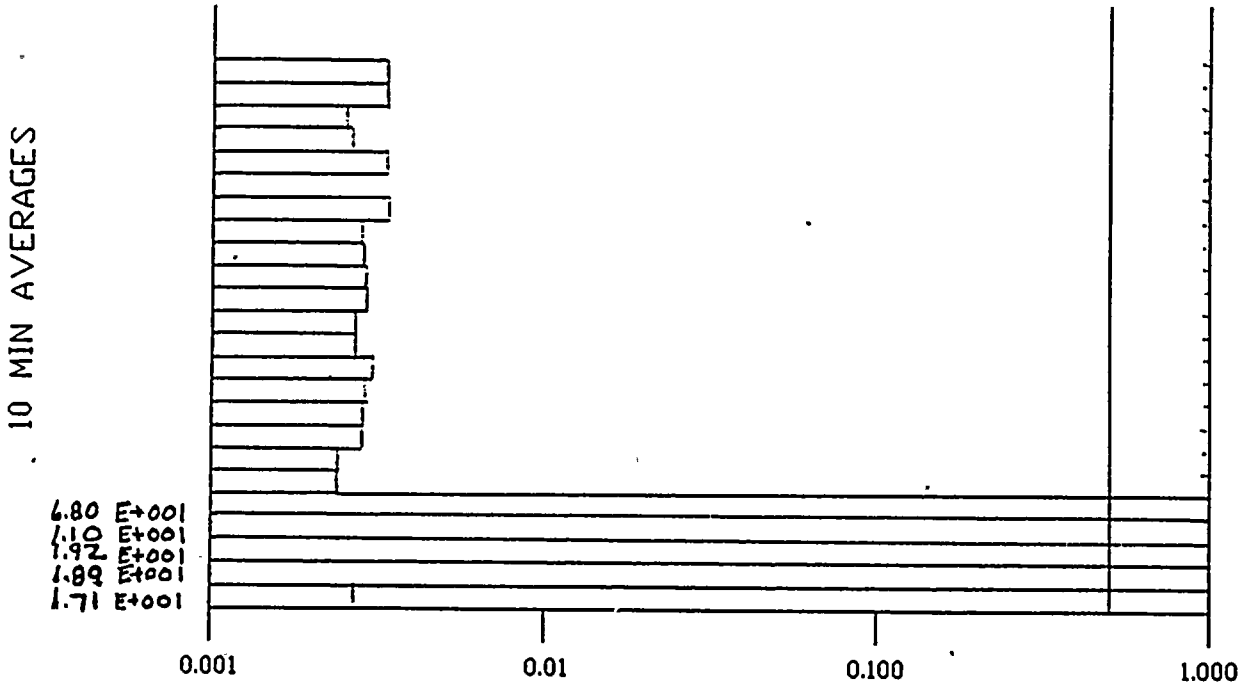
HIGH ALARM : 3.50E-003

20 Sep 89

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

1030
20 Sep 89



AVERAGE : FULL SCALE : 2.6E-001

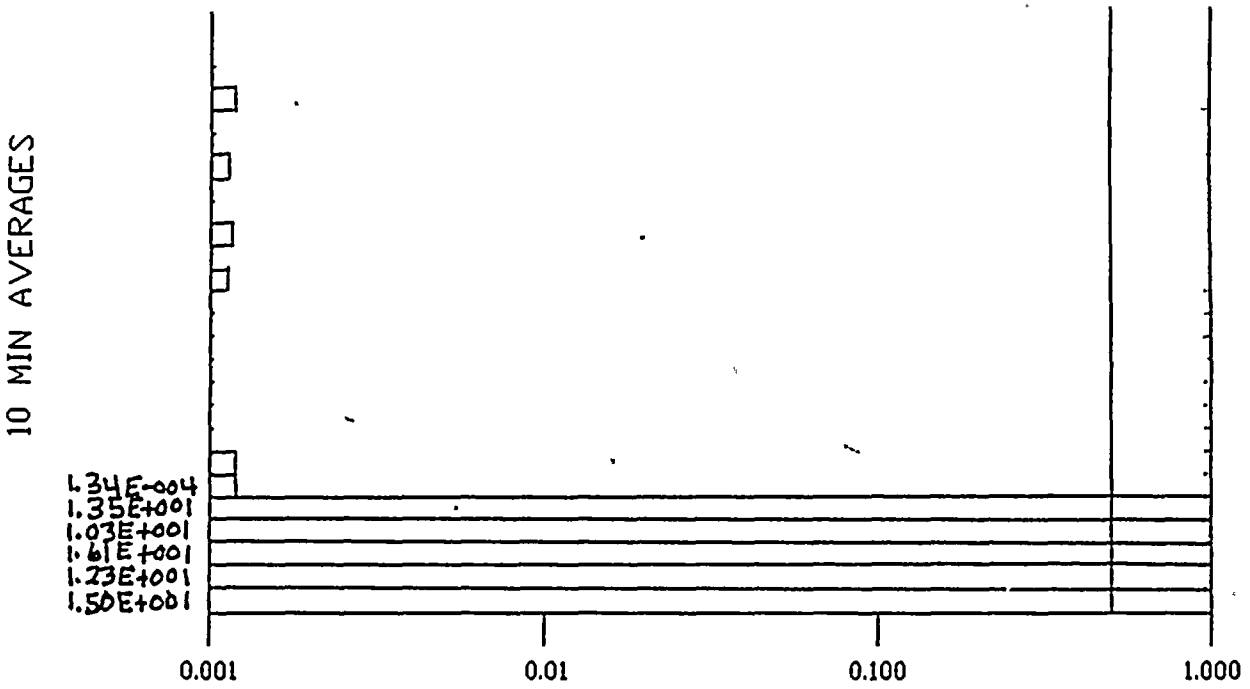
CALIBRATION CONST : 1.55E-005

ALERT ALARM : 1.56E-001 HIGH ALARM : 2.6E-001 20 Sep 89

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

10 30
20 Sep 89



AVERAGE : FULL SCALE : 1.13E-001

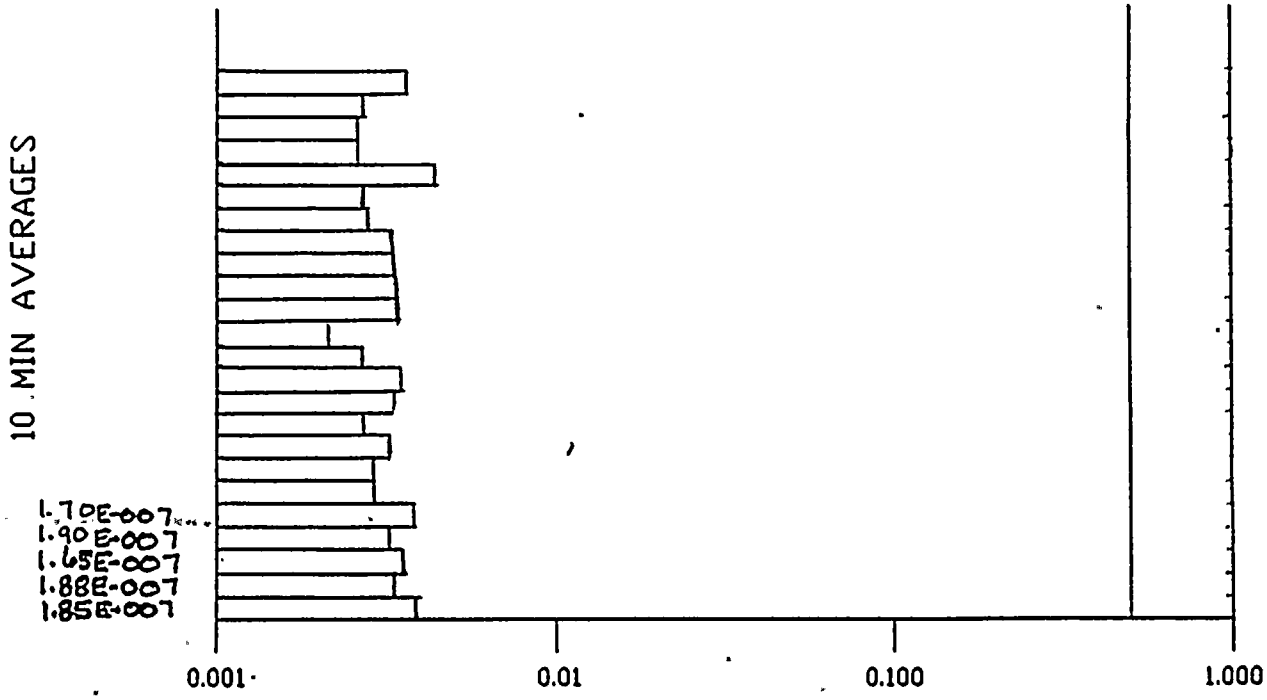
CALIBRATION CONST : 2.64E-005

ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

1030
20 Sep 89



AVERAGE : FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

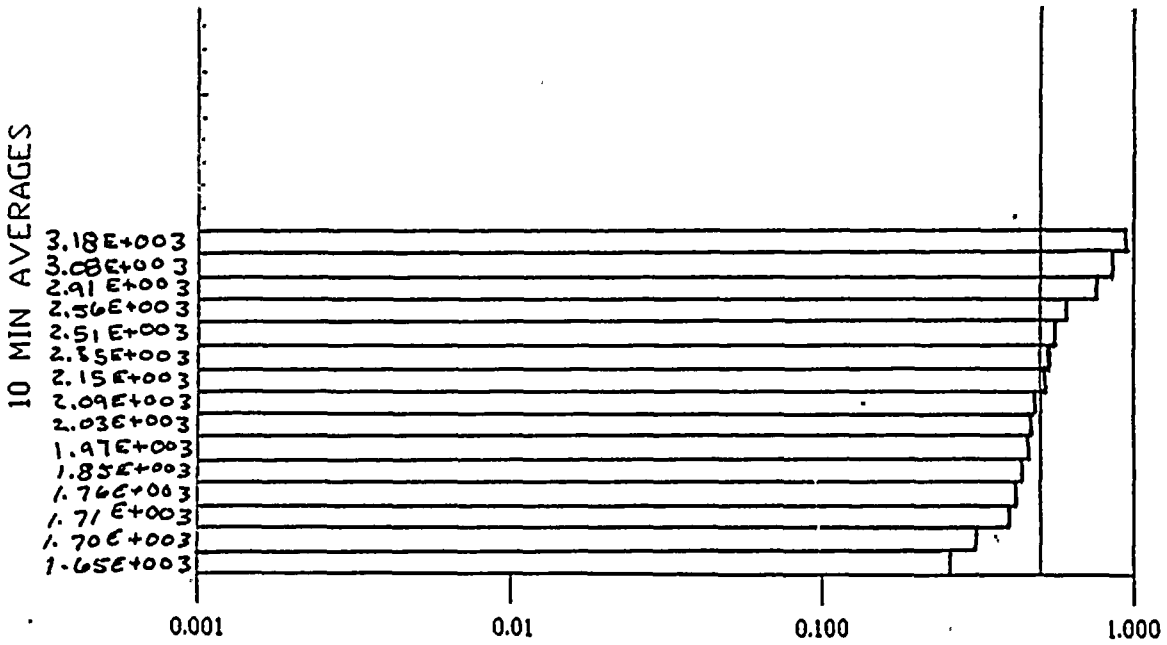
ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

1030

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

20 Sep 89

STATUS : RADIATION MONITORING SYSTEM OVERVIEW 20 Sep 89

UNIT 1 CONTAINMENT		UNIT 2 CONTAINMENT	
AREA	ARBN	AREA	ARBN
011	013	021	023
012	014	022	024

UNIT 1 VENT ARBN	UNIT 2 VENT ARBN
015	025

UNIT 1 SEC SIDE				UNIT 2 SEC SIDE			
PORV-1/4	PORV-2/3	GSLO	SJAE	PORV-1/4	PORV-2/3	GSLO	SJAE
016	017	018	019	026	027	028	029

WDS BATCH LIQ DISCH
010

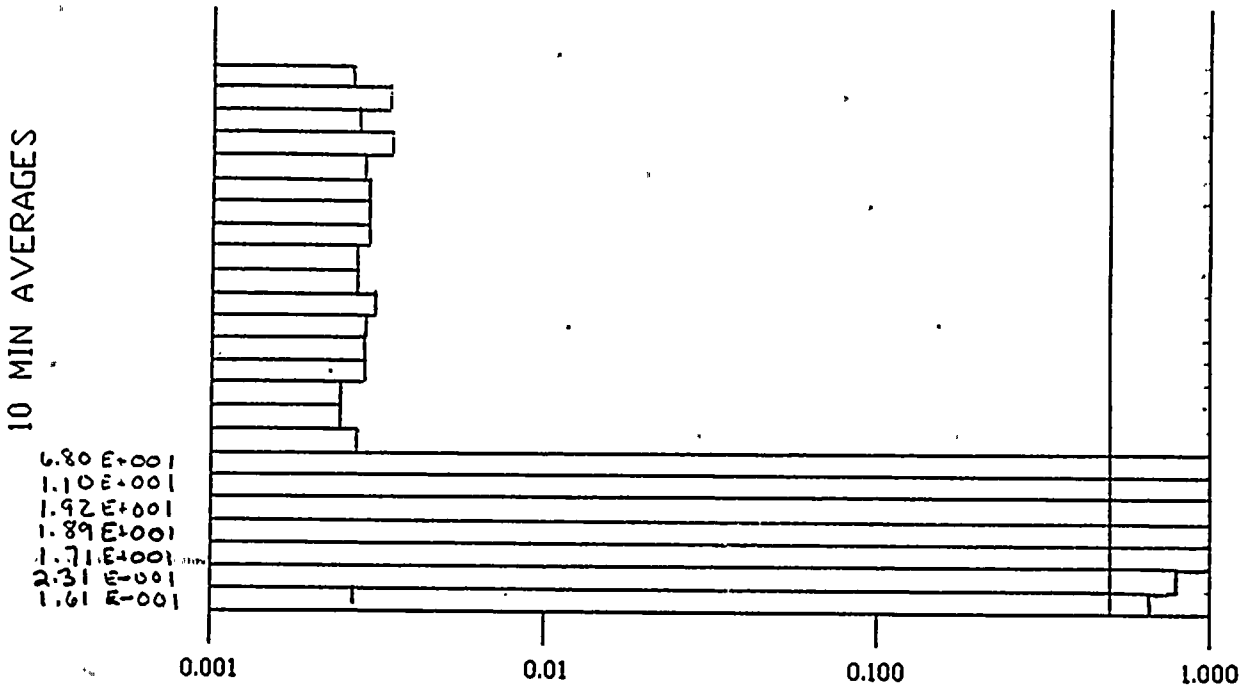
UNINIT..FAIL..NORM..[redacted]..ALERT..MAINT..STAND-BY..

1045

STATUS :

HISTORY OF UNIT 25-01
BETA_PART in uCi

20 Sep 89



AVERAGE :

FULL SCALE : 2.6E-001

CALIBRATION CONST : 1.55E-005

ALERT ALARM : 1.56E-001

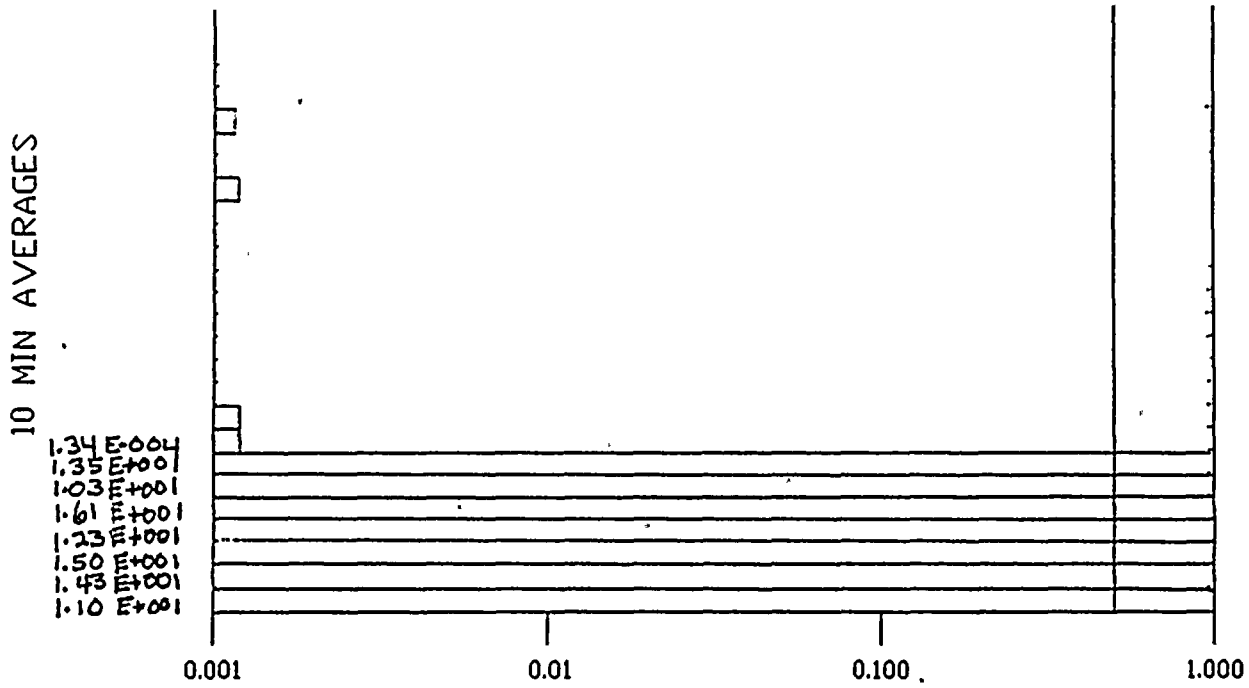
HIGH ALARM : 2.6E-001

20 Sep 89

STATUS :

HISTORY OF UNIT 25-03
IODINE in uCi

1045
20 Sep 89



AVERAGE : FULL SCALE : 1.13E-001

CALIBRATION CONST : 2.64E-005

ALERT ALARM : 6.78E-002 HIGH ALARM : 1.13E-001 20 Sep 89

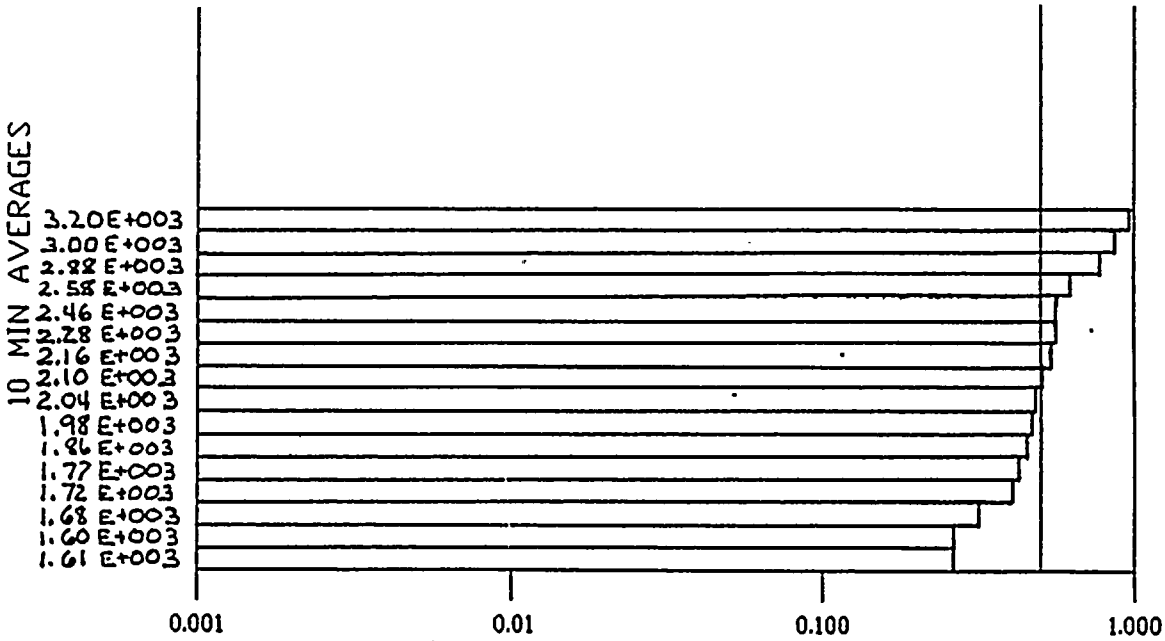
1045

STATUS :

HISTORY OF UNIT 23-10

AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

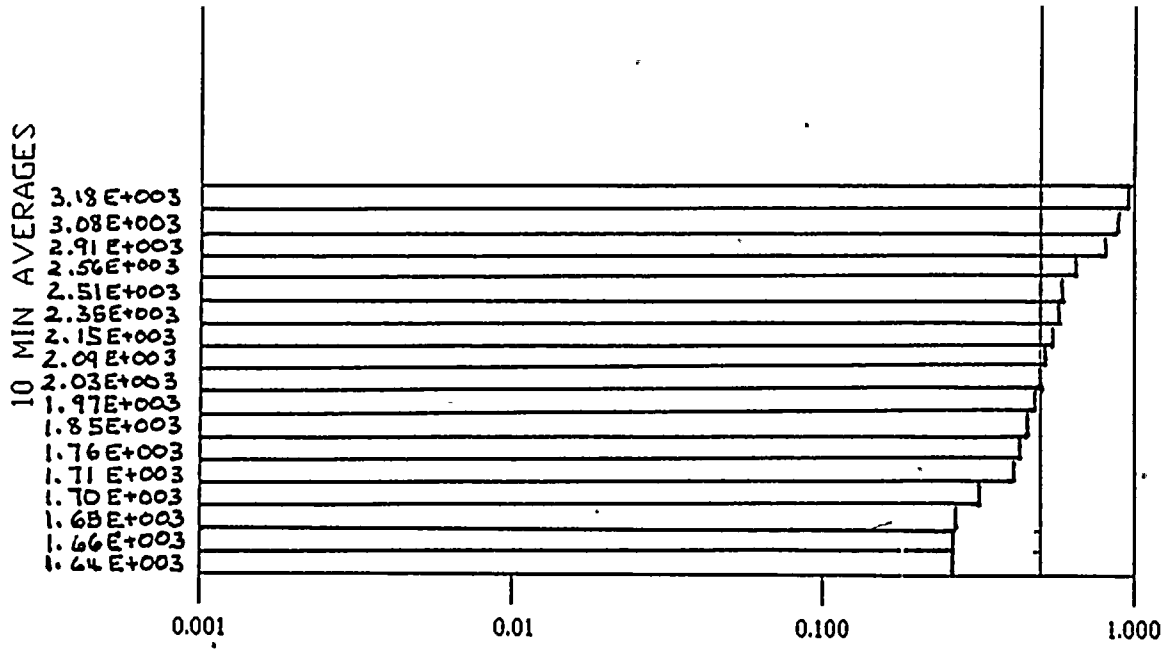
20 Sep 89

1045

STATUS :

HISTORY OF UNIT 24-10
AREA_____LOG IN R/h

20 Sep 89



AVERAGE :

FULL SCALE : 3.50E+003

ALERT ALARM : 2.10E+003

HIGH ALARM : 3.50E+003

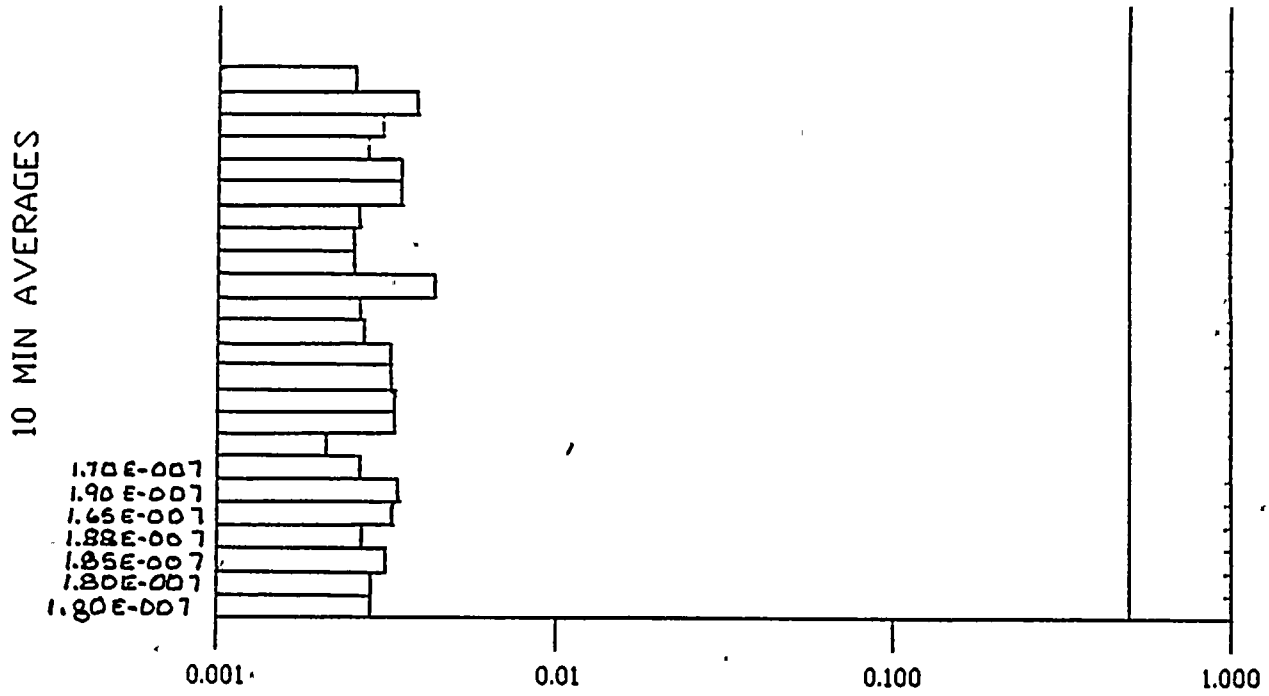
20 Sep 89

1045

STATUS :

HISTORY OF UNIT 25-05
BETA_GAS in uCi/cc

20 Sep 89



AVERAGE :

FULL SCALE : 4.77E-004

CALIBRATION CONST : 8.00E-008

ALERT ALARM : 2.86E-004 HIGH ALARM : 4.77E-004 20 Sep 89

VIII. F. PLUME EXPOSURE DATA

The tables included in this section provide the data for the off-site radiation monitoring teams. These tables present data for the time between 0845 - 1230. A given data set is applicable for the fifteen minutes following the time listed.

A listing and explanation of less than obvious terms used in the table are as follows:

1. ROUTE; refers to the predesignated, color coded, survey routes.

2. R1, B1, Y1, R2, B2, Y2; refers to the specific color coded survey route where:

   R1=Red, closest to plant
   B1=Blue, closest to plant
   Y1=Yellow, closest to plant
   R2=Red, farthest from plant
   B2=Blud, farthest from plant
   Y2=Yellow, Farthest from plant

3. PTS; refers to the predesignated lettered points. Readings which follow indicate the distance traveled from the lettered point of origination, at which the listed dose rate was encountered.

4. AIR SAMPLE IODINE, PART; the iodine and particulate activity results at the centerline of the plume. These results are in units of μCi/cc and net counts per minute.

Dose rate data for a given time period should be provided as appropriate for the route, both color and traverse points, being taken and the time. Open window readings (may be called beta readings or dose rates) are generally 1.5 times the closed window readings (may be called gamma readings or dose rates). The controller should provide open window readings only if the player retracts the shield covering the detector window.

Air sample data should be provided only if a centerline sample is obtained and following sample analysis at the counting vehicle. The player shall analyze the actual sample obtained and determine the activity of the actual sample. At that time the Controller shall interject and provide the concentration postulated by the scenario.

PLUME EXPOSURE DATA

TIME: 0845

	RMT Data					Air Sample			
Route	PTs	Dist.	D	Dist.	D	Part		Iodine	
	From					µCi/cc	cpm	µCi/cc	cpm
Red 1	A	.6 .7 .8	* 1.0mR/hr *			≦ MDA		2.34E-06	6.18E+03
Blue 1									
Yellow 1									
Red 2									
Blue 2									
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 0900

	RMT Data					Air Sample			
Route	PTs	Dist.	$\dot{D}$	Dist.	$\dot{D}$	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1	From A	1 2 2.5	* 1.0			≤MDA		6.18E-08	2.63E+02
Yellow 1									
Red 2									
Blue 2									
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 0915

	RMT Data					Air Sample			
Route	PTs	Dist.	D	Dist.	D	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1	From B	2.3 2.5 2.7	* 1.0 *			≤MDA		3.20E-07	944
Red 2									
Blue 2									
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 0930

	RMT Data					Air Sample			
Route	PTs	Dist.	D	Dist.	D	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1									
Red 2	From F	.3 .4 .5	* 1.0 *			≤MDA		1.90E-07	6.01E+2
Blue 2									
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 0945

	RMT Data					Air Sample			
Route	PTs	Dist.	$\dot{D}$	Dist.	$\dot{D}$	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1									
Red 2	From F	.3 .4 .5	* 1.0 *			≦MDA		1.90E-07	6.01E+2
Blue 2									
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 1000

	RMT Data					Air Sample			
Route	PTs	Dist.	D	Dist.	D	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1									
Red 2									
Blue 2	From F	1.5 1.6 1.7 1.8	* * 1.0 *			≤MDA		6.86E-08	2.81E+02
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 1015

	RMT Data					Air Sample			
Route	PTs	Dist.	D	Dist.	D	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1									
Red 2									
Blue 2	From F	1.5 1.6 1.7 1.8	* * 1.0 *			≤MDA		6.86E-08	2.81E+02
Yellow 2									

* = As read
Note: Open window readings 1.5 x D (closed window)
MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 1030

	RMT Data					Air Sample			
Route	PTs	Dist.	$\dot{D}$	Dist.	$\dot{D}$	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1									
Red 2									
Blue 2									
Yellow 2	From E	.8 .9 1.0 1.1 1.2	* * 1.0 * *			≤MDA		4.93E-08	2.30E+02

* = As read

Note: Open window readings 1.5 x D (closed window)

MDA - 2.50 E-09 µCi/cc

PLUME EXPOSURE DATA

TIME: 1045 - 1230

	RMT Data					Air Sample			
Route	PTs	Dist.	D	Dist.	D	Part		Iodine	
						µCi/cc	cpm	µCi/cc	cpm
Red 1									
Blue 1									
Yellow 1									
Red 2									
Blue 2									
Yellow 2	From E	.8 .9 1.0 1.1 1.2	* * * * *			≤MDA		4.93E-08	2.30E+2

* = As read

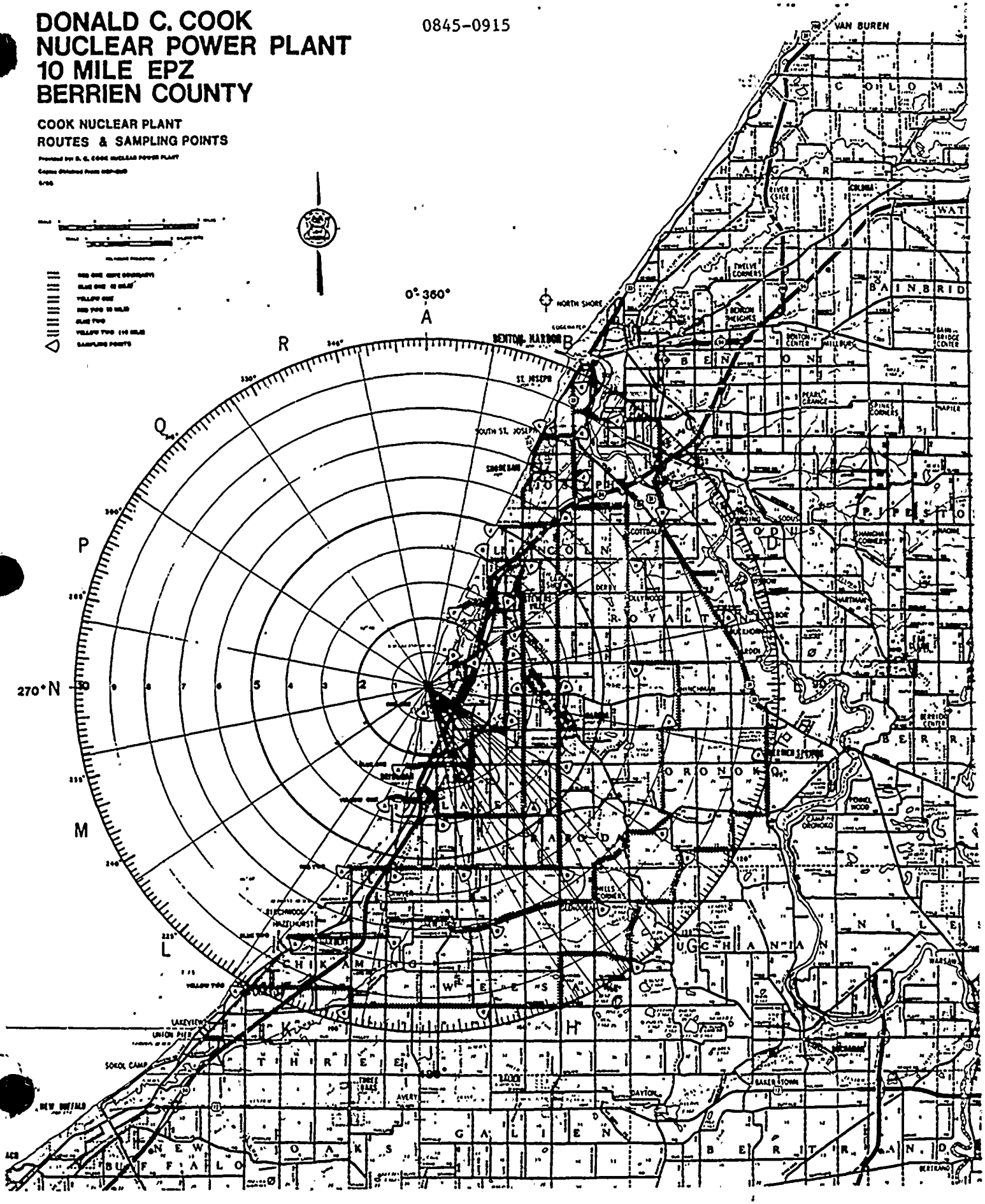
Note: Open window readings 1.5 x D (closed window)

MDA - 2.50 E-09 µCi/cc

DONALD C. COOK NUCLEAR POWER PLANT 10 MILE EPZ BERRIEN COUNTY

0845-0915

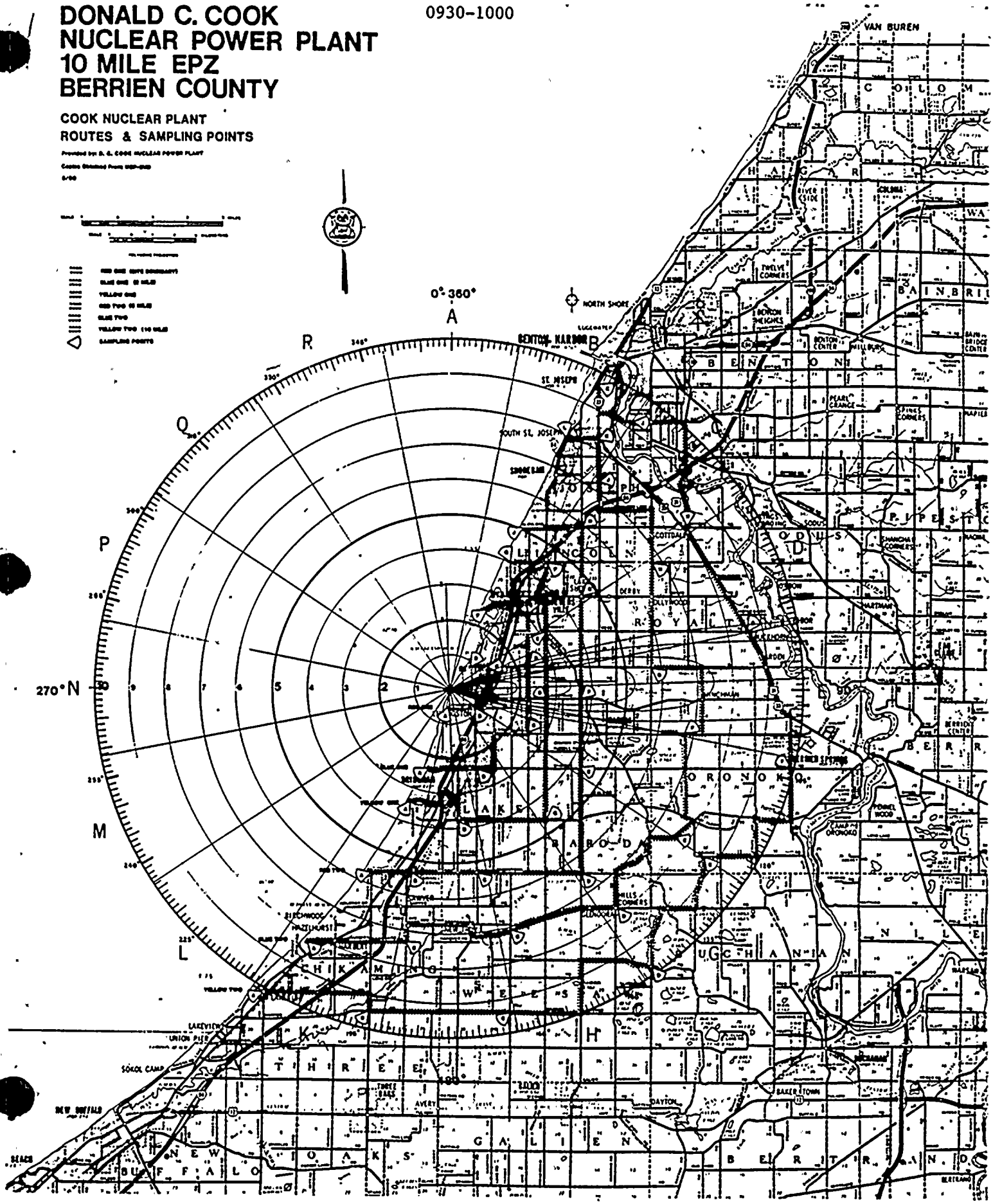
COOK NUCLEAR PLANT
ROUTES & SAMPLING POINTS



DONALD C. COOK NUCLEAR POWER PLANT 10 MILE EPZ BERRIEN COUNTY

0930-1000

COOK NUCLEAR PLANT
ROUTES & SAMPLING POINTS



DONALD C. COOK NUCLEAR POWER PLANT 10 MILE EPZ BERRIEN COUNTY

1015-1230

COOK NUCLEAR PLANT
ROUTES & SAMPLING POINTS