

SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE

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SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE

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**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

Table of Contents

Section 1.0	Introduction & Scope
Section 2.0	Objectives
Section 3.0	Limitations & Prerequisites
Section 4.0	Participants Instructions
Section 5.0	Event Scenario
Section 6.0	Scenario Time Line
Section 7.0	Drill Messages
Section 8.0	Plant Data
Section 9.0	Radiological Data
Section 10.0	Meteorological Data
Section 11.0	Exercise Administration
Section 12.0	IDADS Displays
Section 13.0	Evaluation Criteria

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

Section 1.0 INTRODUCTION & SCOPE

This scenario is -designed to test emergency management personnel assigned to the Control Room, Technical Support Center (TSC), Operational Support Center (OSC), Emergency Operations Facility (EOF), Unified Dose Assessment Center (UDAC) and Emergency News Center (ENC) under simulated emergency conditions. For exercise purposes, controllers will not be allowed to provide information or guidance to the players, excluding scenario data necessary for drill play. The scope of this drill is limited to utility participation in the Emergency Response Facilities (ERFs) listed above. Offsite agency participation is limited to portions of the EOF, UDAC and Notification Centers. The exercise scenario consists of the following sections:

Section 2.0 OBJECTIVES - This section defines the training objectives and general extent of play by emergency response personnel.

Section 3.0 LIMITATIONS AND PRECAUTIONS - This section provides guidance information for drill players and controllers on safety considerations related to the drill.

Section 4.0 PARTICIPANTS INSTRUCTIONS - This section provides guidance information for drill players related to expected and prohibited actions during the drill.

Section 5.0 EVENT SCENARIO - This section describes the simulated emergency events and accident conditions. The information contained in this section is used by the participants in responding to an emergency.

Section 6.0 TIME LINE - This section contains the scenario time line. The time line lists the sequence of events and order of scenario messages.

Section 7.0 DRILL MESSAGES - This section contains scenario information for use by the drill players. The drill messages are issued by the controllers.

Section 8.0 PLANT DATA - This section contains plant data for use in the drill.

Section 9.0 RADIOLOGICAL DATA - This section contains the simulated emergency event radiological data is used in this drill.

Section 10.0 METEOROLOGICAL DATA - This section contains the simulated emergency event meteorological data which is used in the drill.

Section 11.0 EXERCISE ADMINISTRATION - This section contains information used by the controllers to direct the player's response to the simulated accident conditions.

Section 12.0 IDADS DISPLAYS - This section contains simulated Interim Data Acquisition and Display System displays.

Section 13.0 EVALUATION CRITERIA - This section contains information and checklists for controllers to formally evaluate the exercise.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

2.0 1989 ANNUAL EXERCISE OBJECTIVES

2.1. Control Room

- 2.1.1 Recognize and classify emergency conditions.
- 2.1.2 Activate/augment the ERO and ERFs as appropriate.
- 2.1.3 Establish and maintain communication links with offsite agencies as required.
- 2.1.4 Notify offsite agencies (Federal, state and local) of emergency conditions and provide follow up notification as required.
- 2.1.5 Transmit hardcopy Notification Forms to the state and counties as soon as possible after verbal notifications have been completed.
- 2.1.6 Perform offsite dose projections as needed.
- 2.1.7 Make Protective Action Recommendations (PARs) as required.
- 2.1.8 Evaluate plant trends.
- 2.1.9 Inform onsite personnel of emergency status, plant conditions, and other information which may affect personnel safety.
- 2.1.10 Activate and direct the actions of the Emergency Team(s).
- 2.1.11 Perform turnover to the Emergency Coordinator (EC) in the Technical Support Center (TSC) and continue to provide information on plant conditions as requested.
- 2.1.12 Initiate accountability of onsite personnel.
- 2.1.13 Use appropriate Casualty Procedures and Emergency Operating Procedures in conjunction with the Emergency Plan and Emergency Plan Implementing Procedures.
- 2.1.14 Evaluate the need for early dismissal of non-essential personnel.
- 2.1.15 Maintain emergency logs.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

2.2 Technical Support Center (TSC)

- 2.2.1 Staff and declare the TSC operational.
- 2.2.2 Receive turnover from Control Room staff.
- 2.2.3 Direct activation of additional ERO and ERFs, as needed.
- 2.2.4 Recognize and classify emergency conditions.
- 2.2.5 Notify offsite agencies (Federal, state and local) of emergency conditions and provide follow-up notifications as required.
- 2.2.6 Transmit hard copies of notifications and other critical documents to appropriate locations as soon as the documents become available.
- 2.2.7 Inform onsite personnel of emergency status, plant conditions and other information which may affect personnel safety.
- 2.2.8 Formulate and approve information for release to the public and the media. (District responsibility is limited to input on plant conditions.)
- 2.2.9 Evaluate onsite radiological conditions.
- 2.2.10 Perform offsite dose projections until relieved of that duty by Unified Dose Assessment Center (UDAC).
- 2.2.11 Make Protective Action Recommendations until relieved of that duty by the Emergency Manager (EM).
- 2.2.12 Evaluate plant trends.
- 2.2.13 Coordinate operation of the Operations Support Center (OSC).
- 2.2.14 Perform radiological surveys to verify habitability of the TSC and that TSC exposure to radiation is kept As Low As Reasonably Achievable (ALARA).
- 2.2.15 Authorize emergency exposure limits as appropriate.
- 2.2.16 Gather data from the Control Room and the Operations Support Center (OSC).
- 2.2.17 Distribute data and provide assistance to the Control Room, OSC, Emergency Operations Facility (EOF) and Unified Dose Assessment Center (UDAC).

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

2.2 Technical Support Center (TSC) (Continued)

- 2.2.18. Provide access control to the TSC.
- 2.2.19 Perform turnover to the EM/EOF and continue to provide information on plant conditions as requested.
- 2.2.20 Inform ERO members when the recovery phase is initiated.
- 2.2.21 Initiate the collection of particulate and iodine filters from an effluent sampling system.
- 2.2.22 Periodically request UDAC to provide PAR updates.
- 2.2.23 Discuss plant reentry and recovery plans.
- 2.2.24 Maintain emergency logs.

2.3 Operations Support Center (OSC)

- 2.3.1 Staff and declare the OSC operational.
- 2.3.2 Establish and maintain communication link with the TSC.
- 2.3.3 Receive directions/initial briefing from the TSC.
- 2.3.4 Perform accountability of onsite personnel.
- 2.3.5 Perform radiological surveys to verify OSC habitability.
- 2.3.6 Perform onsite radiological monitoring.
- 2.3.7 Perform offsite radiological monitoring using equipment for measurement of airborne radioiodine in the presence of noble gases.
- 2.3.8 Demonstrate exposure control involving contamination control.
- 2.3.9 Provide access control to the OSC.
- 2.3.10 Coordinate with Security to ensure emergency responders have access to plant areas of interest.
- 2.3.11 Activate and direct the actions of the emergency repair teams.
- 2.3.12 Collect particulate and iodine filters from an effluent sampling system as directed by the TSC.
- 2.3.13 Perform exposure control by initiating personnel monitoring and decontamination as required.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

2.3 Operations Support Center (OSC) (Continued)

2.3.13 Perform turnover of information from SMUD offsite monitors to county offsite monitors.

2.3.14 Maintain emergency logs.

2.4 Emergency Operations Facility (EOF)

2.4.1 Staff and declare EOF operational.

2.4.2 Receive turnover from the TSC and assume responsibility for PARs.

2.4.3 Verify activation of UDAC and the ENC.

2.4.5 Provide access control for the EOF.

2.4.6 Make PARs based on input from the Dose Assessment Coordinator in UDAC.

2.4.7 Inform county and state decision makers about plant conditions, District PARs, and response activities via EOF briefings, discussions and facsimile transmissions.

2.4.8 Perform coordinated decision making activities with County, State and District personnel.

2.4.9 Formulate and approve information for release to the public and the media. (District responsibility is limited to input on plant conditions.)

2.4.10 Discuss plant reentry and recovery plans.

2.4.11 Transmit hardcopies of news releases, briefing forms, data sheets, and other critical documents to appropriate agencies as soon as the documents become available.

2.4.12 Maintain emergency logs.

2.5 Unified Dose Assessment Center (UDAC)

2.5.1 Staff and declare the UDAC operational to the UDAC staff and Emergency Manager.

2.5.2 Establish and maintain communication links with the TSC.

2.5.3 Receive turnover from the TSC and assume responsibility for offsite dose projections.

2.5.4 Gather data from the TSC and field monitoring teams.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

2.5 Unified Dose Assessment Center (UDAC) (Continued)

- 2.5.5 Perform comparison calculations between the UDAC and TSC dose projections.
- 2.5.6 Perform radiological assessment and evaluate offsite impact of releases/potential releases.
- 2.5.7 Analyze potential differences between projected doses and field data and evaluate implications of these differences on Protective Action Recommendations (PARs).
- 2.5.8 Formulate PARs.
- 2.5.9 Inform decision makers, through EOF briefings, on the radiological consequences of the event and provide PARs warranted by those consequences, such as the use of KI.
- 2.5.10 Provide District PARs to the Emergency Manager.
- 2.5.11 Inform UDAC members of protective action decisions and emergency response activities discussed at EOF briefings.
- 2.5.12 Provide PAR actions to the TSC as actions are identified and posted.
- 2.5.13 Perform initial and follow-up briefings with UDAC staff.
- 2.5.14 Perform quality assurance checks of all dose assessment calculations.
- 2.5.15 Maintain emergency logs.

2.6. Emergency News Center (ENC)

- 2.6.1 Staff and declare the ENC operational.
- 2.6.2 Provide access control for the ENC.
- 2.6.3 Establish and maintain communication with the EOF.
- 2.6.4 Receive initial briefing and direction from the EOF.
- 2.6.5 Schedule and conduct media briefings following the Emergency Manager's approval of plant condition information.
- 2.6.6 Conduct background and technical briefings.
- 2.6.7 Inform District employees of emergency conditions and response activities.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

- 2.6. Emergency News Center (ENC) (Continued)
- 2.6.8 -Establish and operate rumor control.
- 2.6.9 Maintain emergency logs.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

1989 ANNUAL EXERCISE EXTENT OF PLAY

<u>Amador County</u>	<u>Number</u>
EOF Staff (County Liaison)	1
UDAC Staff (UDAC Manager)	1
Answer phones(s) for notifications (Dispatcher only)	1
EOC (Notification Only)	1
 <u>Sacramento County</u>	
EOF Staff (County Liaison, Clerk)	2+
UDAC Staff (RMC & Staff)	3
Rad Teams (1)	4
EOC - RMS and phone(s) for notifications	2+
 <u>San Joaquin County</u>	
EOF Staff (County Liaison)	1
EOC Staff including Decision Maker and PIO	1
Answer phones(s) for notifications (Dispatcher)	1
 <u>State of California (OES and RHB)</u>	
EOF Staff	3
UDAC Staff	1+
Answer phones (SOC and Dispatcher)	1
 <u>SMUD</u>	
Full ERO participation	150+
Controllers and Player/Controllers	50

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

3.0 LIMITATIONS AND PREREQUISITES

- 3.1 Valves, breakers and other plant controls shall not be manipulated in response to this exercise.
- 3.2 Emergency equipment or other supplies shall be replenished and returned to their original location(s), in fully operable condition, immediately following the exercise's conclusion.
- 3.3 Personnel shall not, in response to this exercise take any actions which jeopardize plant or personnel safety or that affect routine plant operations.
- 3.4 In the event of an actual emergency during the conduct of the exercise, exercise activities may be suspended. Any actions necessary to return the plant to a safe condition shall have priority over exercise play.
- 3.5 Offsite notifications shall be made during this exercise.
- 3.6 **All access and egress of radiologically controlled areas shall be through the normal control point.**
- 3.7 All personnel shall obey normal radiological and safety procedures, postings, etc.
- 3.8 Portable radios shall **NOT** be used in prohibited areas.
- 3.9 Personnel should be made aware that the **actual Control Room** is being used for this exercise.
- 3.10 PA messages will be made at the Ranch announcing the beginning and the termination of the ~~Dress Rehearsal~~.
- 3.11 The site siren will be sounded during the Annual Exercise for Emergency Classifications and ERO callout.
- 3.12 On the day of the exercise, ensure that sound warning signs are posted on the Auxiliary Building Roof Access Doors. Prior to siren activation, ensure that a Controller clears the Auxiliary Building Roof.
- 3.13 Meteorology will be pre-scripted, see METEOROLOGICAL DATA.
- 3.14 Offsite calls will be directed to the Control Cell and forwarded by Controllers. This particularly applies to offsite agency interfaces since most offsite agencies are being simulated.
- 3.15 Offsite sirens will not be sounded during the Annual Exercise.
- 3.16 Calls to the ENC Rumor Control will be made by Controllers situated in the Control Cell.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

3.0 LIMITATIONS AND PREREQUISITES (Continued)

- 3.17 If IDADS actually fails at any location, Controllers will present the data to players by handing the players the screen output in the IDADS DISPLAYS Section of this Manual.
- 3.18 Recovery will be initiated by a contingency message if necessary.
- 3.19 A memo will be sent to SMUD senior management discussing objectives, extent of play and non-budgeted expenses. This memo should indicate that a similar memo will be sent for the Exercise which will result in the 90 day letter.
- 3.20 A similar 60 day letter should have been sent, it was not.
- 3.21 Memos will be sent to all Players and Controllers at least 2 months before the Annual exercise.
- 3.22 Response memos from the Players and Controllers will be retained.
- 3.23 A Player Briefing will be conducted prior to the Annual exercise. See PARTICIPANTS INSTRUCTIONS.
- 3.24 Controller training will be conducted for all Controllers who have not controlled a Rancho Seco Annual exercise or Exercise in the last 2 years.
- 3.25 A Controller Briefing will be conducted prior to the Annual exercise. This briefing will contain information on all post-exercise critiques and debriefs. See PARTICIPANTS INSTRUCTIONS.
- 3.26 Player, Controller and Observer identification will be distributed prior to the Annual exercise.
- 3.27 An training Operations (Control Room) crew will play in the Annual exercise. The normal crew will perform duties as scheduled.
- 3.28 Initiation (and termination) of the Annual exercise will be announced over the plant PA.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

4.0 PARTICIPANTS INSTRUCTIONS

- 4.1 Players shall respond to simulated conditions presented with as much realism as possible with due regard to personnel and equipment safety. The controller staff is responsible and shall take the appropriate action to ensure players' response does not create a personnel or equipment safety concern.
- 4.2 Any required parts and/or tools needed for repairs shall actually be obtained.
- 4.3 Actual offsite notifications will be performed.
- 4.4 All exercise controllers should have become familiar with the exercise scenario, the plan, the appropriate implementing procedures and any special conditions which apply prior to the exercise.
- 4.5 Prior to commencement of the exercise, all controllers will be briefed to ensure satisfactory exercise control.
- 4.6 All exercise controllers shall be pre-positioned at least 30 minutes prior to the start of the exercise at H+00:00 (05:30 Hours on Wednesday, December 06, 1989).
- 4.7 Prior to exercise commencement, all telecommunications will be tested to ensure satisfactory communications between the Exercise Director and other participating controllers.
- 4.8 All controllers will comply with instructions from the Exercise Director.
- 4.9 The Exercise Director is the only individual who may authorize the modification of the schedule or sequence of events to fit unusual conditions or events such that the objectives and practical training benefits of the exercise are maintained. When the modification is implemented, the Exercise Director should be informed.
- 4.10 All controllers shall synchronize their watches to ensure that messages and time related information are delivered when required.
- 4.11 Each Controller will have copies of the messages controlling the progress of the exercise scenario. All exercise messages are denoted by number.
- 4.12 Time related data should be issued only upon request or after the appropriate actions have been taken by the exercise players.
- 4.13 Each controller shall ensure that all messages and notifications are identified as drill messages.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

4.0 PARTICIPANTS INSTRUCTIONS (Continued)

- 4.14 Controllers shall not provide information to the participants regarding scenario development or resolution of problem areas encountered. The participants are expected to obtain information through their own organizations and exercise their own judgements in determining response actions and resolving problems.
- 4.15 If questioned by the players, Controllers may discuss with exercise players scenario data. If their expected responses require controller input, such actions should be issued as a contingency and noted on the drill log.
- 4.16 Controllers should ensure that contact between participants and observers (visitors) is minimized or non-existent. This may include establishment of visitor areas in the emergency response facilities.
- 4.17 Any inquiries originating from the general public or news media, as a result of exercise activities, should immediately be directed to the Exercise Director who will notify appropriate Public Affairs personnel.
- 4.18 Each Controller shall take detailed note regarding the progress of the exercise and the response of the exercise players. All notes should be retained for the purpose of preparing a written critique of the exercise. The Evaluation Criteria is included in Section 13.0 of the scenario package.
- 4.19 Controllers shall refrain from including subjective opinions and should not attempt to interpret whether response times are good or bad. This should only be performed after all the relevant data is collected and analyzed.
- 4.20 Following the termination of the exercise, the Lead Facility Controllers shall conduct a critique of the exercise activities at their assigned emergency response facility. This critique should last approximately 30 to 45 minutes.
- 4.21 All documentation used in the exercise should be forwarded to the Exercise Director.
- 4.22 Intentional violation of any laws is not permitted during the exercise. Exercise participants and controllers will comply with all applicable Federal, State and Local laws.
- 4.23 Arousing or inconveniencing the public during the conduct of a exercise is not intended. All written or verbal communications shall be prefaced and concluded with the phrase "This is a Drill."

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

5.0 EVENT SCENARIO

This scenario is based on a fuel handling accident inside the Fuel Storage Building (FSB) which results in the release of fission gases to the building's atmosphere and subsequently into the environment. In addition, the dropped fuel assembly punctures the spent fuel pool liner, causing a 60 gallon per minute leak.

Initial conditions establish that the plant is currently in the final stages of reactor defueling. The last three spent fuel bundles have been off loaded to the spent fuel pool for ultrasonic inspection. The refueling canal has been drained and the reactor has been placed in wet layup. Rancho Seco has received a Technical Specifications change which exempts Decay Heat Removal (DHR) pump operation following defueling. Currently, assembly 8-30L is positioned above spent fuel rack location Q24. It is a clear, cool day with light southerly winds of approximately four miles per hour. No changes in the current weather conditions are forecast for the next 24 to 36 hours.

The initiating event for this scenario occurs when a Magnitude 6.5 earthquake occurs along the Green Valley Fault near Vacaville. The earthquake is felt onsite just as fuel assembly 8-30L is being lowered into spent fuel rack location Q24. The lateral motion induced by the earthquake on the spent fuel assembly causes one of the Fuel Grapple Fingers to bend. The assembly is lowered into the spent fuel rack without incident, however, the bent Fuel Grapple Finger goes unnoticed.

Upon evaluation, the Control Room Staff determines that the earthquake registered 0.14 g on the Seismic Monitoring System (XSH-00016). At this time, the Shift Supervisor should declare an **UNUSUAL EVENT** per procedure EPIP-5001, Tab 18. The Shift Supervisor should then direct a team to perform a plant walkdown to assess damages. For drill purposes, the plant walkdown will be limited to approximately one hour. No visible damage will be observed. At this time, the **UNUSUAL EVENT** will be terminated and normal plant activities will resume.

A few minutes after fuel movement resumes, the bent finger on the Fuel Grapple allows fuel assembly 8-30D to fall from the Spent Fuel Pool Fuel Transfer Machine onto fuel assembly 7-2FS at location Q26. The force of the impact causes assembly 7-2FS to puncture the spent fuel pool liner, resulting in a 60 gallon per minute leak. Assembly 8-30D becomes wedged between the fuel transfer machine and the top of assembly 7-2FS. Immediately thereafter, several large bubbles are observed rising to the spent fuel pool surface. The Senior Reactor Operator (SRO) in charge of the fuel transfer notifies the Control Room and directs an evacuation of the area.

At this point, the Shift Supervisor (Interim Emergency Coordinator) should declare a **SITE AREA EMERGENCY** per EPIP-5001, Tab 1 and begin offsite notifications and Emergency Response Organization (ERO) callout. (Actual event classification in this instance is based upon the number of assemblies assumed damaged and radiation monitor indication.)

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

5.0 EVENT SCENARIO (Continued)

Approximately five minutes later, the elevated airborne activity causes area radiation monitors **R15028** and **R15029** to go into **ALERT** alarms.

Approximately 30 minutes after the **SITE AREA EMERGENCY** declaration, the Technical Support Center (**TSC**) and Operations Support Center (**OSC**) become fully activated. About the same time, Auxiliary Building Stack (**ABS**) effluent monitor **R15045** goes into **HIGH ALARM**.

Approximately one hour after the **SITE AREA EMERGENCY** declaration, the Emergency Operations Facility (**EOF**), Unified Dose Assessment Center (**UDAC**) and Emergency News Center (**ENC**) become fully activated.

Approximately two hours after the spent fuel handling accident, an "**S FUEL POOL LVL HI-LO**" alarm is annunciated in the Control Room (**H2X**). If an Operator is dispatched to check the Spent Fuel Pool Liner Leakage, flow indication will be observed by the Operator. The shift crew should then begin providing makeup water to the Spent Fuel Pool from the Demineralized Reactor Coolant Storage Tank (**DRCST**). Within 30 minutes, the **SFP** water level is recovered. Additional remedial efforts will be evaluated by the **EOF** Engineering Response Team (**ERT**).

Approximately three hours after the spent fuel handling accident, the airborne activity inside the **FSB** decreases sufficiently to allow the **SFP area monitor** alarms to clear. At this point, the Emergency Coordinator (**EC**) should discuss deescalating to an **ALERT** with the Emergency Manager at the **EOF**.

The exercise continues until a long term recovery plan is developed to remove and contain the damaged spent fuel assemblies and repair the spent fuel pool liner.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

6.0 DETAILED SCENARIO TIMELINE

TIME	MESSAGE#	EVENT DESCRIPTION
07:30 (H+00:00)	01	INITIAL CONDITIONS ESTABLISHED
08:00 (H+00:30)	02	Fuel assembly 8-30L is being lowered into location Q24.
08:00 (H+00:30)	03	An earthquake occurs along the Green Valley Fault. The earthquake causes a ground acceleration of 0.14g at Rancho Seco.
08:00 (H+00:30)	04	Calls to the Control Room from plant personnel concerning the apparent earthquake.
08:05 (H+00:35)	05	Call from SRO in Fuel Storage Building concerning the earthquake and status of assembly 8-30L.
08:10 (H+00:40)	06R	RESPONSE MESSAGE - The State Office Of Emergency Services confirms the earthquake along the Green Valley Fault. An UNUSUAL EVENT should be declared per EPIP-5001, Tab 18. Offsite notifications should be made.
08:15 (H+00:45)	07C	CONTINGENCY MESSAGE - Shift Supervisor should not attempt to activate the TSC at this time.
08:20 (H+00:50)	08C	CONTINGENCY MESSAGE - Shift Supervisor should declare an UNUSUAL EVENT per EPIP-5001, Tab 18.
09:00 (H+01:30)	09	Damage assessment teams have completed their surveys. No damage was found. Plant activities should be resumed.
09:15 (H+01:45)	10C	CONTINGENCY MESSAGE - The UNUSUAL EVENT should be closed out. Plant activities are resumed.
09:20 (H+01:50)	11	Spent Fuel Assembly 8-30D has been lifted.
09:25 (H+01:55)	12	Spent Fuel Assembly 8-30D is being moved to location Q25.
09:30 (H+02:00)	13	Spent Fuel Assembly 8-30D falls from the Transfer Machine onto assembly 7-2FS at location Q26. Several large bubbles are observed rising to the surface.

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

6.0 DETAILED SCENARIO TIMELINE (Continued)

- 09:35 (H + 02:05) - 14 **ALERT** alarms occur on Fuel Storage Building Area Monitors R15028 and R15029. These alarms are annunciated in the Control Room. (Panel H2PSA, "RADIATION HIGH AREA.").
- A **SITE AREA EMERGENCY** should be declared. Emergency Response Organization (ERO) callout should be initiated, onsite accountability and dismissal should be conducted and appropriate Emergency Response Facilities (ERF) should be activated.
- 09:40 (H + 02:10) 15 Refueling SRO calls the Control Room to report damage.
- 09:40 (H + 02:10) 16 **HIGH** alarm occurs on Area monitors R15028 and R15029 which is annunciated on Panel H2PSA, "RADIATION HIGH AREA."
- 09:50 (H + 02:20) 17 RM-11 **ALERT** alarm occurs on the Auxiliary Building Stack (**ABS**) Monitor R15045.
- The Control Room should begin performing Offsite Dose Calculations and Recommending Protective Actions as appropriate.
- 10:00 (H + 02:30) 18C **CONTINGENCY MESSAGE** - Shift Supervisor should declare a **SITE AREA EMERGENCY** per EPIP-5001, Tab 1.
- 10:10 (H + 02:40) The Technical Support Center (TSC) and Operational Support Center (OSC) should be fully activated at this time. Overall accident management, offsite notifications and dose assessment should be turned over to the TSC.
- Onsite and Offsite Field Monitoring Teams are dispatched.
- 10:40 (H + 03:10) The Emergency Operations Facility (**EOF**) and Unified Dose Assessment Center (**UDAC**) should be fully activated at this time. Overall accident management and dose assessment should be turned over to the Emergency Manager.
- ENC (Including Rumor Control) Messages ENC - 01 to ENC - 80
- 11:30 (H + 04:00) 19 Spent Fuel Pool Level Low alarm is annunciated in the Control Room. (Panel H2X, "S FUEL POOL LVL HI-LO.")

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

6.0 DETAILED SCENARIO TIMELINE (Continued)

- 11:45 (H+04:15) - 20 FSB area monitor alarms have cleared.
- 12:00 (H+04:30) Remedial efforts are initiated to refill the SFP. Makeup is provided from the DRCST.
- 12:30 (H+05:00) Dose rates in the FSB have returned to approximately normal levels. Possible sampling of FSB, SFP etc. Visual inspection of damage may occur.
- 13:30 (H+06:00) 21R **RESPONSE MESSAGE** - The SITE AREA EMERGENCY may be closed out. Concurrence is received from the USNRC, Counties and State of California.
- 14:00 (H+06:30) 22C **CONTINGENCY MESSAGE** - The SITE AREA EMERGENCY should be closed out. Discussions to deescalate to an ALERT should be initiated.
- 14:30 (H+07:30) 23C **CONTINGENCY MESSAGE** - Begin Recovery and Reentry Actions.
- 15:00 (H+08:00) 24 Drill activities are concluded. Begin a post exercise critique inside each facility.

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 60

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Bob/Beth Nicholson Capitol News Service -- Where are the
 people evacuating Rancho Seco going to?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 61

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Bill/Brenda Garrison Suttertown News -- How much radiation was released from the plant today and is it getting into the food chain in the local farming communities?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 62

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Stuart/Penny McPhearson San Francisco Chronicle -- We've received word that you have had an accident at Rancho Seco? How many Curies of radioactivity have been released? Are offsite doses within federal limits or have limits been exceeded?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 63

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Peter/Gail Davis Amador Dispatch -- Can you tell me if any parts of Amador County will be affected by the series of mishaps at Rancho Seco?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 64

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Matt/Julie Kelly Woodland Daily Democrat -- Are we being told the whole truth about the situation at Rancho Seco? Every time I turn on the news I hear something different. Is there a release of radioactivity or is it just a bunch of media hype?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 65

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Tony/Laurie Johnson Business Journal -- Is M? Boggs or his
designee presently available for comment if we send a reporter
to the ENC?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 66

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Phil/Sally Liuzzi Suttertown News -- I understand that you have evacuated the site and protected Rancho Seco employees. What steps if any have been taken to protect the general public?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 67

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: George/Julie Norris KRON -- Is there radiation blowing from the Rancho Seco? site? We would like our helicopter crew to take pictures of the plum?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 68

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Harvey/Jill Wilson Associated Press -- Is anyone ther
technically competent who can provide us with an accurate
assessment of the damage to the reactor buildin?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 69

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Patrick/Tina Madison Grapevine Independent -- Can you verify for our subscribers that Rancho Cordova will not be affected by the radioactive release?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 70

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Kevin/Karen Hinson Sacramento Bee -- Is Dan Keuter available for comment? (Answer not at this time) Can we arrange an interview with him some time this afternoon?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 71

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Peter/Pam Osterman San Francisco Chronicle -- We have dispatched a news crew to obtain information about the accident at Rancho Seco. Are there individuals presently at the ENC who are providing up-to-date information on Rancho Seco?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 72

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Wally/Nina Blackman Stockton Record -- Many people in the Stockton area are calling and asking if the roads heading northeast of Stockton will be open.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 73

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Joe/Laurie Carson Boston Globe -- We've received word that a Site Area Emergency has been declared at the Rancho Seco Nuclear Generating Station. Can you give us a full account of what has happened today?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 74

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Louis/Christine Nelson New York Times -- We are presently flying a crew of reporters into the Sacramento Executive Airport. Can you provide us with directions from the airport to your News Center?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 75

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Arnold/Elizabeth Wicker Wall Street Journal -- Were there any deaths or injuries resulting from the fuel handling accident or during the site evacuation from Rancho Seco?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 76

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: John/Donna Simpson Science & Technology Magazine Would you describe the radiological impact due to the releases of radioactivity? How much radioactivity was released and what were the primary radionuclides that were release?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 77

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Mike/Carol Malone Sacramento Union -- Is there any weather data for Rancho Seco available? I would like to know the wind direction in order to trace the direction of the plume.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 78

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Richard/Sally Storey United Press International -- Is there any radiological survey data available? I would like to know the levels of radiation measured at the plant site and at various distances away from the plant.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 79

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Paul/Joyce Mullen KXTL -- Is someone there available for comment from the Nuclear Regulatory Commission or the Environmental Protection Agency?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 80

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Karl/Jane Henderson Press Tribune -- Has the food supply in
the local farming communities been contaminated?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 30

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Al/Karen Pinckett -- Is anyone still out there at Rancho Seco? If you evacuated the place who's minding the store?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 31

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Albert/Rose Allenson -- I just got back from lunch break and I heard you had an accident at Rancho Seco. I own a trucking company and one of my drivers has to make a delivery to Galt Will the roads out there be open?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 32

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Walter/Wendy Krause -- Why are you evacuating Rancho Seco but not all of Sacramento County? I live out here and I have a right to know if my health is in danger?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 33

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Mike/Heather Master -- I am from the American River College debating team. We recently had a debate on the pros and cons of nuclear power and I'd like to know more about the series of accidents that occurred at Rancho Seco today?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 34

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Randall/Kathy Harrison -- Can I drink the water out of my sink today or should I wait until the accident is under control. I'm afraid that you might have gotten radiation in the public water supply.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 35

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Larry/Florence Malone -- When will I know if its safe for me to go outside? I heard that we were supposed to stay inside our houses until you cleaned up all of that radiation at the plant?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 36

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Frank/Linda Garrison -- I live in Lodi and I'm starting to feel faint I think I might have radiation poison My stomach hurts and I'm very nauseous What should I do?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 37

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: (Refuse to give name) -- Is your nuclear plant still releasing radiation? I heard we're all going to get cancer from the radiation you've release? How do I know if I've been exposed to the radiation?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 38

TO: RIJ MOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Peter/Brenda Washington -- What precautions can I take at this point to ensure that my family is protected from the radiation?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 39

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00) 11:50

MESSAGE: Bruce/Anne Burrough -- If I stay in my basement will I be protected from the radiation? Someone told me that there's radiation in the air because of that accident you had at the plant?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 40

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Jim/Mary Nelson -- Is everything is under control at Rancho Seco? I live in lone and my kids are in school right now I'm very worried about them.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 41

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Simon Rothman -- I'm from the Arden Lions Club and I would like to know if you had a meltdown or something like the Three Mile Island accident?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 42

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Harold/Ruby Lincoln -- Are all of the roads within 10 miles of Rancho Seco closed? My son is a rancher near there and I can't get through to him by telephone.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 43

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Jack Pollard -- I'm calling from the McClellan Retired Officer's Association. Do you have everything under control at Rancho Seco? Some of us here are willing to help out with this crisis in any way we can.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 44

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Robert Pope -- I own a trucking company and I'm supposed to make a delivery to someone in Herald. They told my driver that the road was closed so he came back. You people are costing me business! Will I be compensated for my losses?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 45

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Gary Rollins -- I live Herald and we own some goats. I'd like to know if it is ok for me to milk the goats today. If there is radiation in my fields I would like to know before my kids drink any of the milk.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 46

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Nick/Holly Jorgenson -- I live about 20 miles from the Rancho Seco plant. Am I far enough away to ensure that I will not get any radiation?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 47

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Warren/Marilynn Unger -- I'm calling from the Campaign California headquarters in Sacramento. Do you know if the damage caused by today's accident will delay the dismantling process?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 48

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: This is Allen/Alicia Alexander from UPI in Los Angeles I understand that you're experiencing some problems at Rancho Seco Could you explain those to me?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 49

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: This is Mary/Max Martin of the LA Times I'd like an interview
with Mr. Boggs. Can you arrange that for me?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 50

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: I'm George/Georgia Gilliam from the Sacramento Bee What's
this about an accident onsite?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 51

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Sam/Sandra Snell New York Tribune. Is the NRC present onsite? How are they participating in this event? Do you feel the NRC will takeover control of the accident like they did at Three Mile Island?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 52

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Steve/Sally Norris Amador Ledger -- Where can we obtain more information about the situation at Rancho Seco?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 53

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Adam/Alice Montana Fair Oaks Post -- How serious is the accident at Rancho Seco and what are the environmental consequences?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 54

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)13:05

MESSAGE: Mike/Jill Larson Associated Press -- Is an NRC spokesman present at the ENC? I prefer to speak with the NRC for an unbiased account of what happened today at Rancho Seco?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 55

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Luke/Laura Holmes KVIE -- Is it safe for us to send a news crew to the security gate at Rancho Seco? Is there any danger to our reporters or camera people if we get that close to the plant?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 56

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Eric/Elaine Carson Carmichael Times -- I would like to know what (if any) actions have been taken to ensure that the public is protected from the radiation?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 57

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Paul/Terri Suite Sacramento Bee -- We've just received word of an accident at the Rancho Seco plant. How serious is it?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 58

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Mark/Rhonda Lewis Sacramento Union -- I understand the nuclear fuel exploded at Ranch Seco and a lot of radioactivity was released. How much radioactivity was released and what counties will be affected?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 59

TO: PRESS PHONES

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: David/Donna Dawson Associated Press -- I understand that an evacuation of Rancho Seco is currently underway. Will the general public living in the area also be evacuated?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 22C

TO: EMERGENCY COORDINATOR

FROM: LEAD TECHNICAL SUPPORT CENTER CONTROLLER

LOCATION: TECHNICAL SUPPORT CENTER

TIME: 14:00 (H + 06:30)

MESSAGE: CONTINGENCY MESSAGE- Consider De-escalating from a **SITE AREA EMERGENCY**. The criteria in EPIP-5001, Tab 1 no longer applies.

NOTE TO CONTROLLER

Issue this message **ONLY** if the Emergency Coordinator fails to declassify the event.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 23C

TO: EMERGENCY MANAGER

FROM: LEAD EMERGENCY OPERATIONS FACILITY CONTROLLER

LOCATION: EMERGENCY OPERATIONS FACILITY

TIME: 14:30 (H+07:30)

MESSAGE: CONTINGENCY MESSAGE- Begin Recovery and Reentry efforts.

NOTE TO CONTROLLER

Issue this message **ONLY** if the Emergency Manager fails to Initiate Recovery and Reentry Efforts.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 24

TO: ALL DRILL PARTICIPANTS

FROM: LEAD FACILITY CONTROLLERS

LOCATION: EMERGENCY OPERATIONS FACILITY

TIME: 15:00 (H + 08:00)

MESSAGE: All drill activities are terminated. Begin a post exercise critique.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 01

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Bill/Betty Borden Elk Grove -- What is the NRC doing about this situation? Is anyone from the NRC present at the ENC?--I want to talk to them!

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 02

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Fred/Elma Frederickson -- I represent the Retired Retailers of Folsom. Now that your NEWS STATION (ENC) is open, we'd like to come down if that's ok? How do you get there from Folsom?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 03

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Jim/Jenny Jameson -- I've got two dead birds in my backyard.
How come they died is it from that radiation poisoning? Am I
going to get radiation poisoning too?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 04

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Doreen Dole -- I'm three months pregnant and I want to know if your accident is going to hurt my baby. Who do I contact to get more information? Is there a doctor at your information center I can talk to?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 05

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Bill/Betty Brown -- I'm afraid of the plant blowing up. What are you doing about it?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 06

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Jake Simpson -- I own a ranch down the road about 5 miles from the plant. I've got 300 head of cattle and I'm worried about this accident at the plant. What should I do?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 07

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Larry/Jane Wilson -- Is everything alright out there at the plant. I heard on the radio that you guys had some kind of accident and I'm really scared!

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 08

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Don/Denise Harris -- Someone down the street told me that you had a meltdown at the plant and lots of people are dying. Is this true?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 09

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Ken/Carol Drake -- Is there anyone there who can tell me how much radiation got let out of the plant. I'm not sure, but I think I can smell some radiation outside and I need to know what I should do.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 10

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Kevin Daltrey -- I'm from the Foothill Rotary Club and I just heard something on the radio about a problem at the plant. Is this a real emergency or nothing to worry about?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 11

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Nicole Hinson -- I run a nursery school out here in Galt. Is there any danger to my kids? Should I get them out of here or will we be O.K.?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 12

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Joe/Janet Bertrand -- I'm the editor of the school newspaper at CSUS. Could you give me some information on what happened today and whether the public is in danger from this accident?

THIS IS A DRILL.

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 13

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Tom/Tanya Tucker -- I'd like to know if we are being told the truth about what's happening at Rancho Seco. If you people are lying to me I swear I'll sue you.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 14

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Carl/Kathy Neilsson -- Was there really an accident at Rancho Seco this morning? Isn't that the same thing that happened at that plant in Russia where all of those people died?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 15

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Dennis/Marcia Baker -- I'm an environmentalist who is opposed to nuclear power and I knew this would happen sooner or later. Are you people finally going to fix that dangerous nuclear plant before we get radiation all over our bodies.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 16

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Brent/Lisa Stipanovich -- I heard that you had an accident at Rancho Seco this morning. I ate an apple off of the tree in my backyard and now I have a real bad stomach ache. Do you think any radiation got on my apple tree and its making me sick?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 17

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Rev. Walter Jones -- Did any people get hurt during the accident today? I would like to help out in any way I can. I used to be a Medic in the army before I became a Minister.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 18

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Jacob Greene -- I'm calling about the accident at Rancho Seco. My wife is petrified and she keeps calling me to find out if we're going to get cancer or something. You guys do have everything under control out there don't you?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 19

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Dan/Linda Sawyer -- I'm calling from the Heald Institute of Technology. I would like to know how much activity was in the plant and which areas around the plant will be directly affected by the radioactive release?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1389 ANNUAL EXERCISE MESSAGE# ENC- 20

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Barry/Sandy Dieter -- My grandmother lives in lone which is near the Rancho Seco plant. She's 86 years old and she doesn't drive. If you have to evacuate lone how is she going to get out?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 21

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Devlin/Debra Dennison -- I want to know more about this accident. I have two young children and I want to know if this is going to effect them?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 22

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: My name is Nathan/Nancy Nagel and I work in the cafeteria at the site. Should I go to work? I tried to call my boss but all the lines to Rancho Seco are tied up.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 23

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: You irresponsible people!--We should have never let you
manage that awful plant in the first place! (Hang up).

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 24

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Rose Rosales Natomas--I'm really scared! My husband is away on business and I'm all alone with our baby! I'm scared! What should I do?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 25

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: (Don't give name; don't cooperate) I hear one of your cooling towers has collapsed! What on earth is going on? What are you people doing to put things right?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# ENC- 26

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Dick/Jeanette Lockett -- My neighbor just drove off to the bay area with his wife and kid. He said he's not sure what's going on at Rancho Seco but he's not waiting around to find out. I live in Lodi. Will I get radiation if I stay here?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 27

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H+ > 03:00)

MESSAGE: Andrew/Anita Hoggles -- My dog just threw up after I gave him
some water to drink from the kitchen sink. Did you get
radiation in our water?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 28

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: (Refuse to give name) -- I voted to keep your stupid plant open last year and now this happens? What's wrong with you people? Are they ever going to straighten that place out right or what?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE MESSAGE# ENC- 29

TO: RUMOR CONTROL

FROM: ENC CONTROLLER

LOCATION: ENC

TIME: > 10:45 (H + > 03:00)

MESSAGE: Sandra Holloway -- Did anyone get hurt in the accident at Rancho Seco today? My husband works out there and he hasn't called home yet. I'm really scared! Can anyone there tell me if he's alright?

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 01

TO: CONTROL ROOM DRILL PARTICIPANTS

FROM: LEAD CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 07:30 (H + 00:00)

MESSAGE: **INITIAL CONDITIONS** - Initial conditions establish that the plant is currently in the final stages of reactor defueling. The last three spent fuel bundles have been off-loaded to the spent fuel pool for ultrasonic inspection. The refueling canal has been drained and the reactor has been placed in wet layup. Rancho Seco has received a Technical Specifications change which exempts Decay Heat Removal (DHR) pump operation following defueling.

Currently, assembly **8-30L** is positioned above the spent fuel rack location **Q24**.

It is a clear, cool day with light southerly winds of approximately 4 miles per hour.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 02

TO: SHIFT CREW

FROM: CONTROL CELL CONTROLLER (Simulating Refueling SRO)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:00 (H + 00:30)

MESSAGE: "This is a drill. We're now lowering assembly 8-30L into location Q24. This is a drill."

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 03

TO: SHIFT CREW

FROM: CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:00 (H+00:30)

MESSAGE: "This is a drill. You've just felt what appears to be a rather strong earthquake. **This is a drill.**" The following alarm has just annunciated on panel H2YSA "SEISMIC TROUBLE."

NOTE TO CONTROLLER

The Shift Supervisor should direct an Operator to check panel H2PSA in the Control Room. When checked, XSH-00013 (0.065g) and XSH-00016 (0.13g) are illuminated.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 04

TO: SHIFT CREW

FROM: CONTROL CELL CONTROLLERS

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:00 - 08:05 (H+00:30 - H+00:35)

MESSAGE: "This is a drill. This is (SEE INFORMATION BELOW). We've just felt a strong earthquake. There doesn't appear to be any damage or injuries here. Is there anything you want us to do? This is a drill."

NOTE TO CONTROLLERS

This message should be called into the Control Room (X4320) and Shift Supervisor's Office (X4371) **SIMULTANEOUSLY**. Fill in the blanks to indicate various personnel onsite as follows:

	NAME	LOCATION
1.	Chuck Williams	CAS
2.	Larry Houghtby	Security Building
3.	Carol McCoombs	5th Floor T&R Building
4.	Frank Thompson	Admin Building

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 05

TO: SHIFT SUPERVISOR

FROM: CONTROL CELL CONTROLLER (Simulating Refueling SRO)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:05 (H+00:35)

MESSAGE: "This is a drill. What was that, an earthquake? There doesn't appear to be any damages or injuries here. Assembly 8-30L is now in place in position Q24. Do you want us to continue fuel movement? This is a drill."

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 06R

TO: SHIFT SUPERVISOR

FROM: CONTROL CELL CONTROLLER (Simulating State OES)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:10 (H+00:40)

MESSAGE: RESPONSE MESSAGE- "This is a drill. State OES confirms that a magnitude 6.5 earthquake occurred in the Vacaville Area at approximately 08:00 this morning. No additional information is available at this time. This is a drill."

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 07C

TO: SHIFT SUPERVISOR

FROM: LEAD CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:15 (H+00:45)

MESSAGE: CONTINGENCY MESSAGE- The earthquake does **NOT** warrant TSC activation.

NOTE TO CONTROLLER

Issue this message **ONLY** if the Shift Supervisor initiates efforts to activate the TSC.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 08C

TO: SHIFT SUPERVISOR

FROM: LEAD CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 08:20 (H + 00:50)

MESSAGE: CONTINGENCY MESSAGE- Declare an UNUSUAL EVENT per EPIP-5001, Tab 18.

NOTE TO CONTROLLER

Issue this message **ONLY** if the Shift Supervisor fails to classify the event.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 09

TO: DAMAGE ASSESSMENT TEAM LEADER

FROM: DAMAGE ASSESSMENT TEAM CONTROLLER

LOCATION: INPLANT

TIME: 09:00 (H+01:30)

MESSAGE: You have completed the damage assessment survey. No damage has been found.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 010C

TO: SHIFT SUPERVISOR

FROM: LEAD CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:15 (H+01:45)

MESSAGE: CONTINGENCY MESSAGE - The UNUSUAL EVENT should be closed out.

NOTE TO CONTROLLER

Issue this message ONLY if the Shift Supervisor fails to close out the UNUSUAL EVENT.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 11

TO: SHIFT CREW

FROM: CONTROL CELL CONTROLLER (Simulating Refueling SRO)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:20 (H+01:50)

MESSAGE: "This is a drill. We're now lifting assembly 8-30D for placement in location Q25. This is a drill."

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 12

TO: SHIFT CREW

FROM: CONTROL CELL CONTROLLER (Simulating Refueling SRO)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:25 (H+01:55)

MESSAGE: "This is a drill. We're now moving assembly 8-30D. to location Q25. This is a drill."

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 13

TO: SHIFT CREW

FROM: CONTROL CELL CONTROLLER (Simulating Refueling SRO)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:30 (H+02:00)

MESSAGE: "This is a drill. We're now over location Q25 and we're beginning to lower the bundle. This is a drill."

NOTE TO CONTROLLER

Pause for approximately 10 - 15 seconds then continue on with this message sounding frantic.

"This is a drill!. The bundle has fallen from the crane! It's hit another assembly! There's a lot of bubbles coming up! I'm evacuating the FSB! This is a drill."

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 14

TO: SHIFT CREW

FROM: CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:35 (H+02:05)

MESSAGE: Alarm on Panel H2PSA ("RADIATION AREA HIGH")

NOTE TO CONTROLLER

If the Shift Crew checks the panel H4MRA, FSB Monitors R15028 and R15029 are in **ALERT** and trending rapidly upward. The monitors are currently reading:

R15028	97 mR/hr
R15029	98 mR/hr

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 15

TO: SHIFT SUPERVISOR

FROM: CONTROL CELL CONTROLLER (Simulating Refueling SRO)

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:40 (H + 02:10)

MESSAGE: "This is a drill. We've got everyone out of the Fuel Storage Building. There are no injuries, personnel contaminations or over-exposures.

NOTE TO CONTROLLER

If asked about the extent of damage, report that assembly **8-30D** appeared to fall onto assembly **7-2FS** at location **Q26**. **8-30D** is wedged between the rack and the transfer machine. Mention that bubbles appeared to be coming out of **both assemblies**.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 16

TO: SHIFT CREW

FROM: CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:40 (H+02:10)

MESSAGE: Alarms on Panel H2PSA ("AREA RADIATION HIGH")

NOTE TO CONTROLLER

If the Shift Crew checks the panel H4MRA, FSB Area Monitors R15028 and R15029 are in **HIGH ALARM** and are rapidly trending upward. The monitors are currently reading:

R15028	932 mR/hr
R15029	979 mR/hr

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 17

TO: SHIFT CREW

FROM: CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 09:50 (H+02:20)

MESSAGE: **ALERT** Alarm on the RM-11 for R15045.

NOTE TO CONTROLLER

If the Shift Crew checks the RM-11, Auxiliary Building Stack Monitor R15045 is in **ALERT** and trending rapidly upward. The monitor is currently reading:

R15045

6400 uCi/sec

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 18C

TO: SHIFT SUPERVISOR

FROM: LEAD CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 10:00 (H + 02:30)

**MESSAGE: CONTINGENCY MESSAGE- Declare SITE AREA EMERGENCY
per EPIP-5001, Tab 1.**

NOTE TO CONTROLLER

Issue this message **ONLY** if the Shift Supervisor fails to classify the event.

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 19

TO: SHIFT CREW

FROM: CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 11:30 (H+04:00)

MESSAGE: Alarm on Panel H2X ("S FUEL POOL LVL HI-LO")

NOTES TO CONTROLLER

if the Shift Crew checks the Spent Fuel Pool level using instrumentation, the level will be **38.0 Ft.** IF the Shift Crew attempts to use the **Video Camera**, the camera will not focus. Makeup water should be supplied from the Demineralized Reactor Coolant Storage Tank (**DRCST**) and Concentrated Boron Storage Tank (**CBAST**) rather than using the Borated Water Storage Tank (**BWST**).

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 20

TO: SHIFT CREW

FROM: CONTROL ROOM CONTROLLER

LOCATION: RANCHO SECO CONTROL ROOM

TIME: 11:45 (H+04:15)

MESSAGE: Alarms on Panel H2PSA ("RADIATION AREA HIGH") have
CLEARED

NOTE TO CONTROLLER

If the Shift Crew checks the RM-11 and/or panel H4MRA, FSB Area Monitors R15028 and R15029 and ABS R15045 are no longer alarm. The monitors are currently reading:

R15028	7.0 mR/hr
R15029	7.4 mR/hr
R15045	608 uCi/sec

THIS IS A DRILL

THIS IS A DRILL

SCENARIO# 1989 ANNUAL EXERCISE

MESSAGE# 21R

TO: EMERGENCY COORDINATOR/EMERGENCY MANAGER

FROM: LEAD FACILITY CONTROLLERS

LOCATION: TSC/EOF

TIME: 13:30 (H+06:00)

MESSAGE: RESPONSE MESSAGE- "Concurrence for deescalation has been received from the Counties, State and USNRC."

NOTE TO CONTROLLER

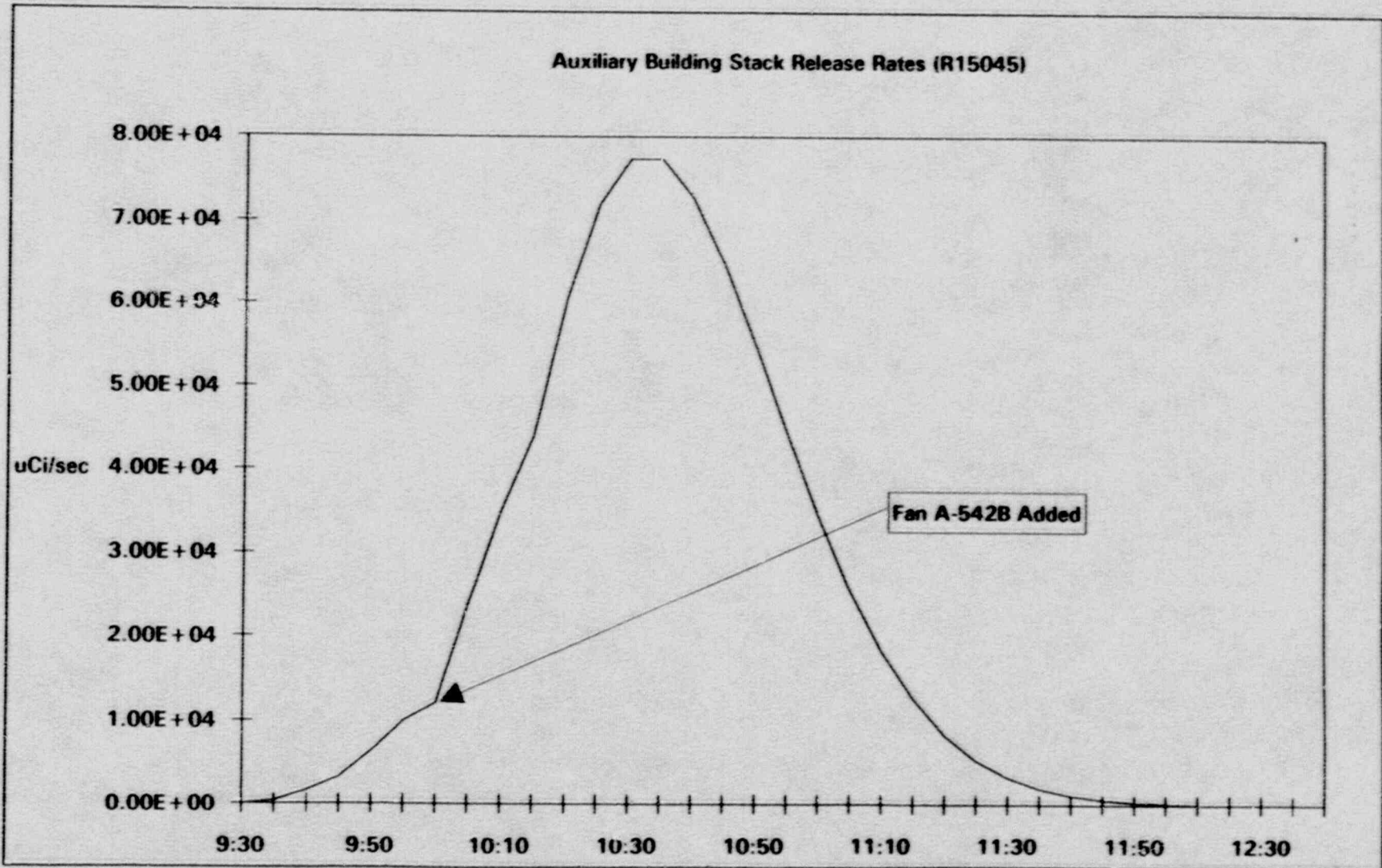
Issue this message ONLY if the EM or EC requests concurrence to deescalate from the SITE AREA EMERGENCY.

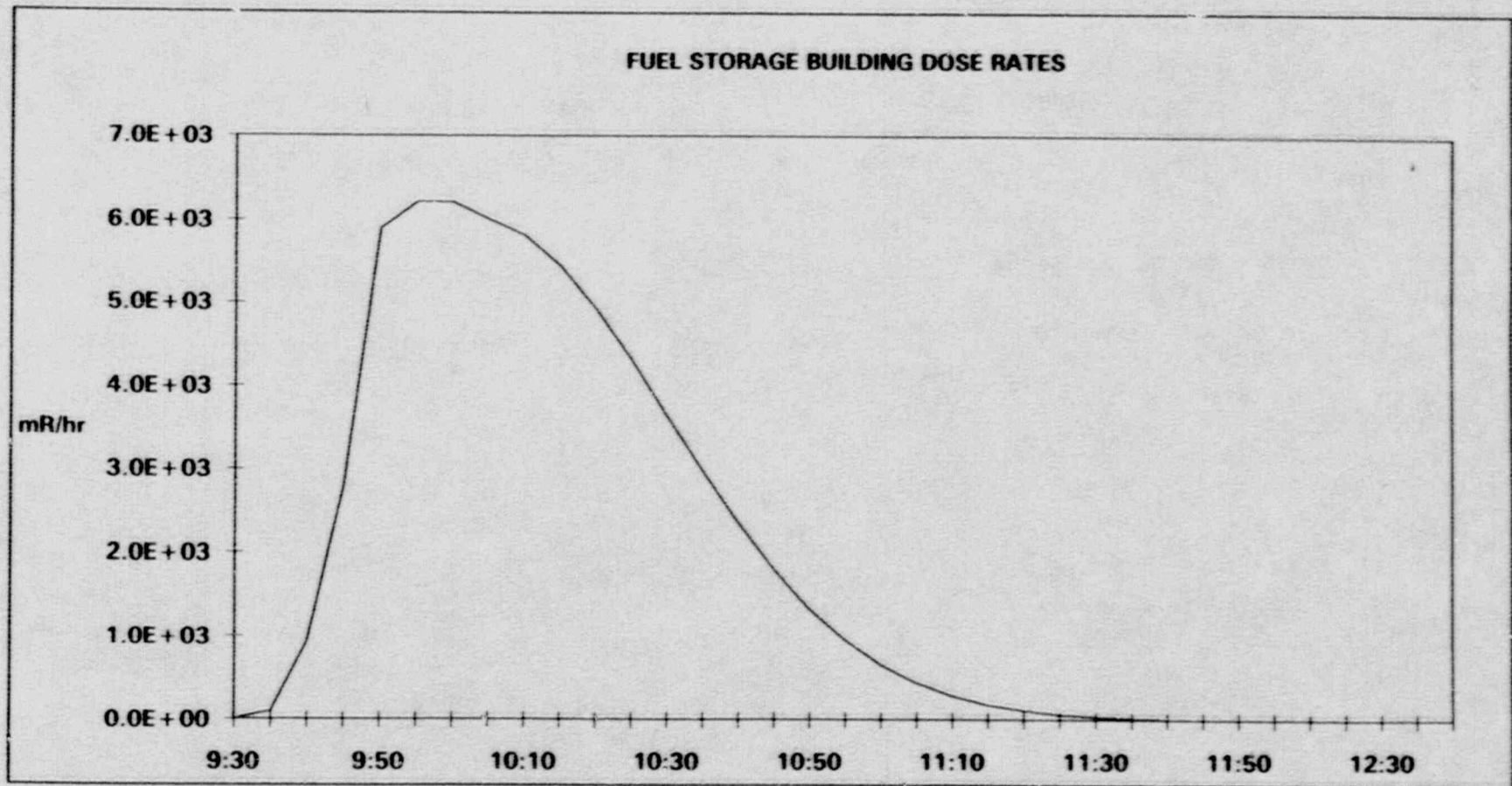
THIS IS A DRILL

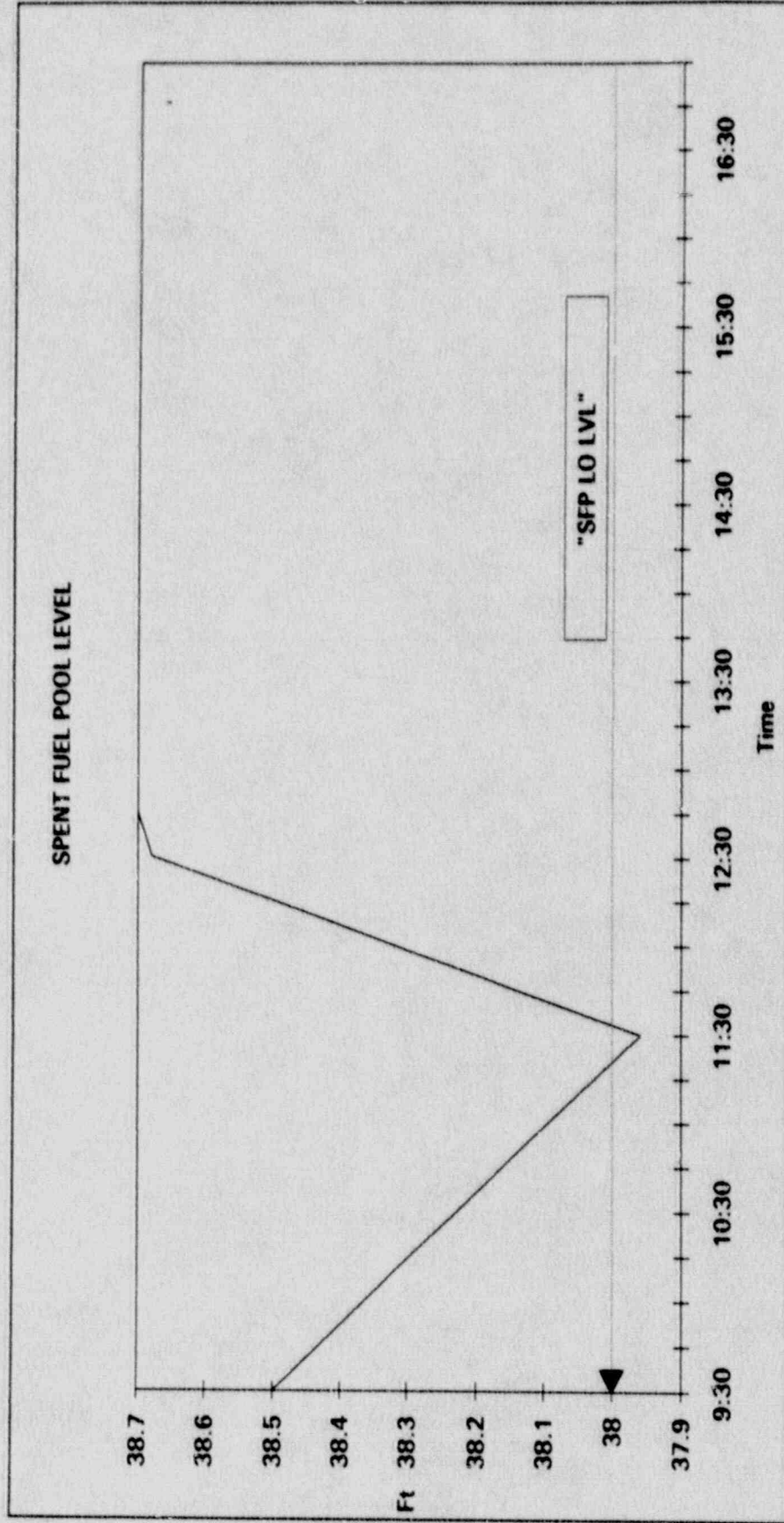
Annual Exercise

TIME	SFP Level Level° Feet	SFP Leak GPM	SFP Alarms (H2X) (LSH-27206) (LSLL-27207)	SFP Totalizer Gallons	RCDT LVL Level (Ft)	RCDT Alarm (H2RWA)	Estimated SFP Level (W/Makeup) Feet
9:30	36.5	0.0	-	0	1.5	-	38.5
9:45	38.4	61.0	-	914	1.8	-	38.4
10:00	38.4	60.9	-	1828	2.2	-	38.4
10:15	38.3	60.9	-	2741	2.5	-	38.3
10:30	38.2	60.8	-	3653	2.9	-	38.2
10:45	38.2	60.7	-	4564	3.2	-	38.2
11:00	38.1	60.7	-	5475	3.6	-	38.1
11:15	38.0	60.6	-	6384	3.9	-	38.0
11:30	38.0	60.6	LO°	7293	4.2	-	38.0
11:45	37.9	60.5	LO°	8201	4.6	-	38.1
12:00	37.8	60.5	LO°	9108	4.9	-	38.3
12:15	37.8	60.4	LO°	10015	5.3	-	38.5
12:30	37.7	60.4	LO°	10920	5.6	-	38.7
12:45	37.6	60.3	LO°	11825	5.9	-	38.7
13:00	37.6	60.3	LO°	12729	6.3	-	38.7
13:15	37.5	60.2	LO°	13632	6.6	-	38.7
13:30	37.4	60.2	LO°	14534	7.0	-	38.7
13:45	37.4	60.1	LO°	15436	7.3	-	38.7
14:00	37.3	60.1	LO°	16337	7.6	-	38.7
14:15	37.2	60.0	LO°	17237	8.0	-	38.7
14:30	37.2	59.9	LO°	18136	8.3	-	38.7
14:45	37.1	59.9	LO°	19034	8.6	-	38.7
15:00	37.0	59.8	LO°	19932	9.0	-	38.7
15:15	37.0	59.8	LO-LO°	20829	9.3	-	38.7
15:30	36.9	59.7	LO-LO°	21724	9.6	-	38.7
15:45	36.8	59.7	LO-LO°	22620	10.0	-	38.7
16:00	36.8	59.6	LO-LO°	23514	10.3	-	38.7
16:15	36.7	59.6	LO-LO°	24407	10.7	-	38.7
16:30	36.6	59.5	LO-LO°	25300	11.0	-	38.7
16:45	36.6	59.5	LO-LO°	26192	11.3	-	38.7
17:00	36.5	59.4	LO-LO°	27083	11.7	-	38.7

*NOTE: If actions assume Control Room Staff will provide makeup.
Makeup should be provided from the DRCST and CBAST rather than from the BWST.





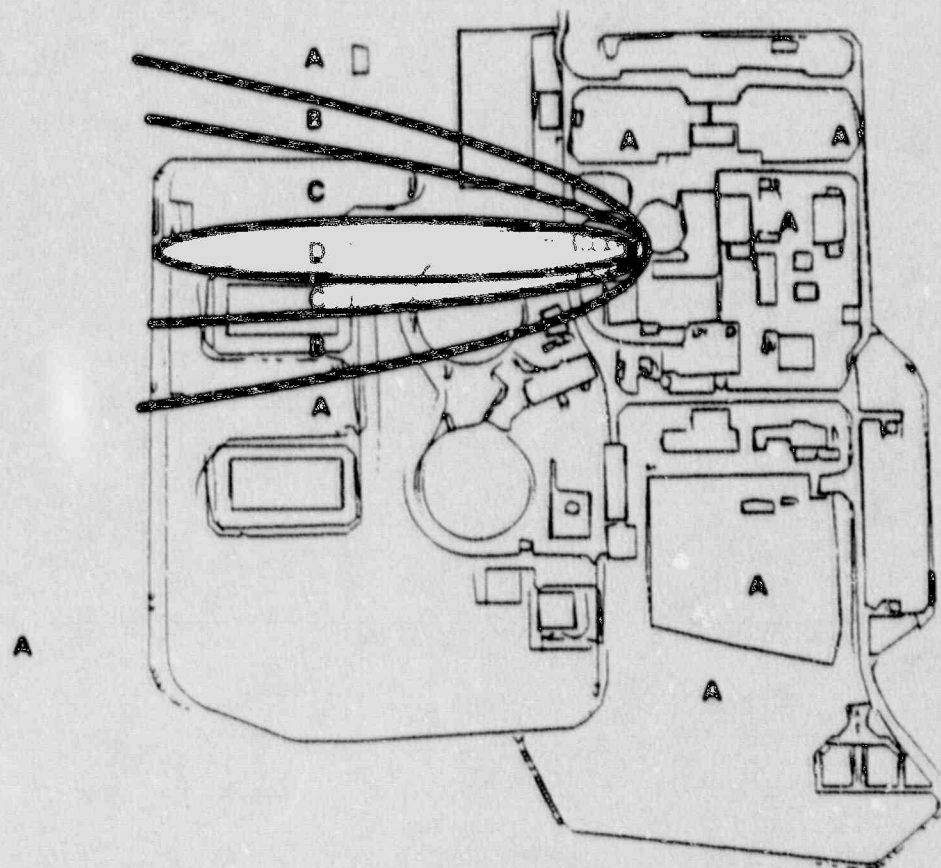


Spent Fuel Loading Diagram

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
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F - FUEL ASSEMBLY

ONSITE SURVEY MAP



SEE NEXT PAGE FOR RADIOLOGICAL INFORMATION

Annual Exercise

ZONE	A			B			C			D		
	RO-2 (Closed) mR/hr	RO-2 (Open) mRad/hr	RM-14 MP-210 cpm	RO-2 (Closed) mR/hr	RO-2 (Open) mRad/hr	RM-14 MP-210 cpm	RO-2 (Closed) mR/hr	RO-2 (Open) mRad/hr	RM-14 MP-210 cpm	RO-2 (Closed) mR/hr	RO-2 (Open) mRad/hr	RM-14 MP-210 cpm
9:30	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read
9:35	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	60	As Read	As Read	66
9:40	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	238	As Read	As Read	344
9:45	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	444	As Read	As Read	641
9:50	As Read	As Read	As Read	As Read	As Read	84	As Read	As Read	688	As Read	As Read	1291
9:55	As Read	As Read	As Read	As Read	As Read	100	As Read	As Read	1387	As Read	As Read	2002
10:00	As Read	As Read	As Read	As Read	As Read	112	As Read	As Read	1891	As Read	As Read	2756
10:05	As Read	As Read	As Read	As Read	As Read	228	As Read	0.1	3159	As Read	0.2	4559
10:10	As Read	As Read	As Read	As Read	As Read	220	As Read	0.1	3056	As Read	0.2	4410
10:15	As Read	As Read	As Read	As Read	As Read	439	As Read	0.2	6085	As Read	0.3	8760
10:20	As Read	As Read	As Read	As Read	As Read	608	As Read	0.3	8369	As Read	0.4	12120
10:25	As Read	As Read	As Read	As Read	As Read	719	As Read	0.3	9999	As Read	0.5	14365
10:30	As Read	As Read	As Read	As Read	As Read	689	As Read	0.3	9228	As Read	0.5	13316
10:35	As Read	As Read	As Read	As Read	As Read	685	As Read	0.3	9223	As Read	0.5	13309
10:40	As Read	As Read	As Read	As Read	As Read	679	As Read	0.3	9269	As Read	0.4	12810
10:45	As Read	As Read	As Read	As Read	As Read	546	As Read	0.3	7370	As Read	0.4	10924
10:50	As Read	As Read	As Read	As Read	As Read	483	As Read	0.2	6420	As Read	0.3	8865
10:55	As Read	As Read	As Read	As Read	As Read	375	As Read	0.2	5202	As Read	0.3	7306
11:00	As Read	As Read	As Read	As Read	As Read	286	As Read	0.1	3659	As Read	0.2	5712
11:05	As Read	As Read	As Read	As Read	As Read	213	As Read	0.1	2847	As Read	0.1	4252
11:10	As Read	As Read	As Read	As Read	As Read	152	As Read	0.1	2107	As Read	0.1	3046
11:15	As Read	As Read	As Read	As Read	As Read	105	As Read	0.1	1448	As Read	0.1	2080
11:20	As Read	As Read	As Read	As Read	As Read	69	As Read	As Read	969	As Read	As Read	1383
11:25	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	911	As Read	As Read	691
11:30	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	348	As Read	As Read	502
11:35	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	209	As Read	As Read	297
11:40	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	116	As Read	As Read	170
11:45	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read
12:00	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read	As Read

NOTES:

1. All times not shown are "As Read."
2. RO-2 Beta readings do not include the beta factor ($BF = 4$)
3. RM-14 readings are direct count rates from plume.
4. All air sample results are "As Read."
5. All readings are net of background ($Bkg = 50cpm$).
6. OSH stands for Offscale High.
7. RO-2 readings are given with window Open and Closed.

Annual Exercise

NORTH FENCE Location Site Boundary			
TIME	RO-2 CLOSED S.B.Dose Rate (G) mR/hr	RO-2 OPEN S.B Dose Rate (B) mRad/hr	RM-14 HP-210 cpm
9:30	As Read	As Read	As Read
9:35	As Read	As Read	86
9:40	As Read	As Read	344
9:45	As Read	As Read	641
9:50	As Read	As Read	1281
9:55	As Read	As Read	2002
10:00	As Read	As Read	2295
10:05	As Read	0.2	4559
10:10	As Read	0.2	4410
10:15	As Read	0.3	8780
10:20	As Read	0.4	12120
10:25	As Read	0.5	14385
10:30	As Read	0.5	13316
10:35	As Read	0.5	13309
10:40	As Read	0.4	12510
10:45	As Read	0.4	10924
10:50	As Read	0.3	9265
10:55	As Read	0.3	7506
11:00	As Read	0.2	5712
11:05	As Read	0.1	4252
11:10	As Read	0.1	3040
11:15	As Read	0.1	2090
11:20	As Read	As Read	1383
11:25	As Read	As Read	881
11:30	As Read	As Read	502
11:35	As Read	As Read	297
11:40	As Read	As Read	170
11:45	As Read	As Read	As Read
11:50	As Read	As Read	As Read
11:55	As Read	As Read	As Read
12:00	As Read	As Read	As Read

NOTES:

1. All times not shown are "As Read."
2. RO-2 Beta readings do not include a beta factor (BF = 4).
3. RM-14 readings are direct count rates from plume.
4. All air sample results are "As Read."
5. All readings are net of background (50 CPM).
6. RO-2 readings are given with window OPEN and CLOSED.

Annual Exercise

H - ROUTE Plume Centerline			
TIME	RO-2 CLOSED S.B.Dose Rate (G) mR/hr	RO-2 OPEN S.B.Dose Rate (B) mRad/hr	RM-14 HP-210 cpm
9:30	As Read	As Read	As Read
9:35	As Read	As Read	52
9:40	As Read	As Read	207
9:45	As Read	As Read	384
9:50	As Read	As Read	769
9:55	As Read	As Read	1201
10:00	As Read	As Read	1377
10:05	As Read	0.1	2735
10:10	As Read	0.1	2646
10:15	As Read	0.2	5268
10:20	As Read	0.3	7272
10:25	As Read	0.3	8631
10:30	As Read	0.3	7989
10:35	As Read	0.3	7985
10:40	As Read	0.3	7506
10:45	As Read	0.2	6554
10:50	As Read	0.2	5559
10:55	As Read	0.2	4504
11:00	As Read	0.1	3427
11:05	As Read	0.1	2551
11:10	As Read	0.1	1824
11:15	As Read	As Read	1254
11:20	As Read	As Read	830
11:25	As Read	As Read	529
11:30	As Read	As Read	301
11:35	As Read	As Read	178
11:40	As Read	As Read	102
11:45	As Read	As Read	As Read
11:50	As Read	As Read	As Read
11:55	As Read	As Read	As Read
12:00	As Read	As Read	As Read

NOTES:

1. All times not shown are "As Read."
2. RO-2 Beta readings do not include a beta factor (BF = 4).
3. RM-14 readings are direct count rates from plume.
4. All air sample results are "As Read."
5. All readings are net of background (50 CPM).
6. RO-2 readings are given with window OPEN and CLOSED.

Annual Exercise

H - ROUTE Monitoring Point H1			
TIME	RO-2 CLOSED S.B.Dose Rate (G) mR/hr	RO-2 OPEN S.B Dose Rate (B) mRad/hr	RM-14 HP-210 cpm
9:30	As Read	As Read	As Read
9:35	As Read	As Read	As Read
9:40	As Read	As Read	As Read
9:45	As Read	As Read	As Read
9:50	As Read	As Read	75
9:55	As Read	As Read	118
10:00	As Read	As Read	135
10:05	As Read	As Read	269
10:10	As Read	As Read	260
10:15	As Read	As Read	517
10:20	As Read	As Read	714
10:25	As Read	As Read	848
10:30	As Read	As Read	785
10:35	As Read	As Read	784
10:40	As Read	As Read	737
10:45	As Read	As Read	644
10:50	As Read	As Read	546
10:55	As Read	As Read	442
11:00	As Read	As Read	337
11:05	As Read	As Read	251
11:10	As Read	As Read	179
11:15	As Read	As Read	123
11:20	As Read	As Read	81
11:25	As Read	As Read	As Read
11:30	As Read	As Read	As Read
11:35	As Read	As Read	As Read
11:40	As Read	As Read	As Read
11:45	As Read	As Read	As Read
11:50	As Read	As Read	As Read
11:55	As Read	As Read	As Read
12:00	As Read	As Read	As Read

NOTES:

1. All times not shown are "As Read."
2. RO-2 Beta readings do not include a beta factor (BF = 4).
3. RM-14 readings are direct count rates from plume.
4. All air sample results are "As Read."
5. All readings are net of background (50 CPM).
6. RO-2 readings are given with window OPEN and CLOSED.

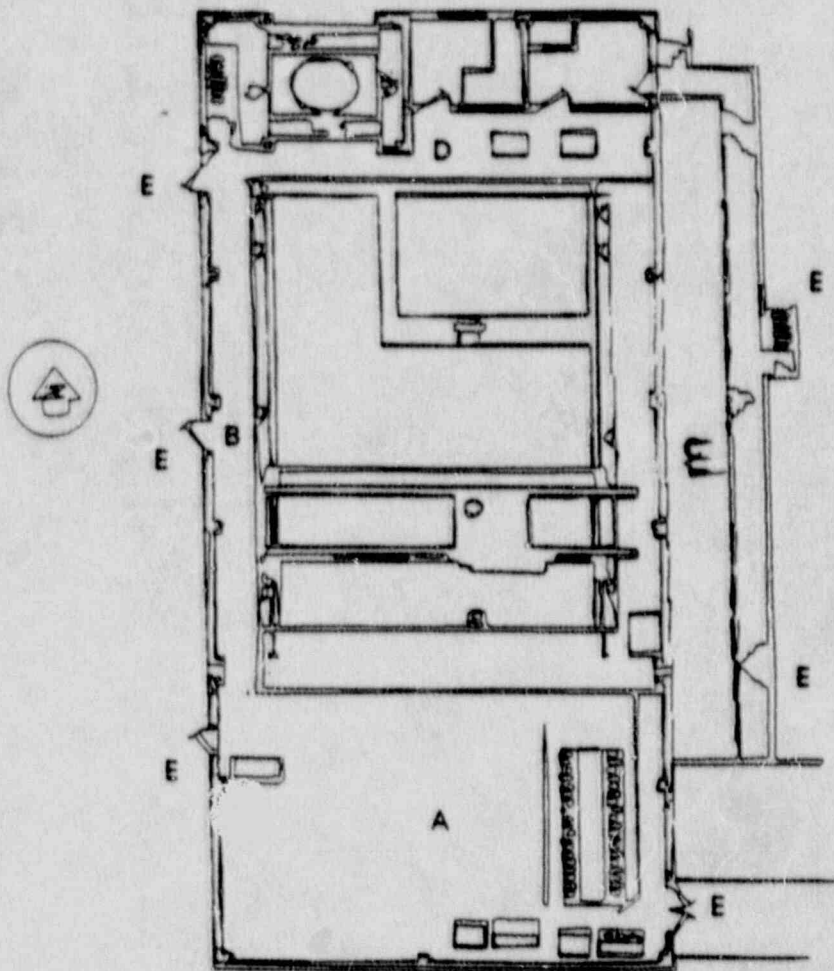
Annual Exercise

H - ROUTE Monitoring Point H2			
TIME	RO-2 CLOSED S.B.Dose Rate (G) mR/hr	RO-2 OPEN S.B Dose Rate (B) mRad/hr	RM-14 HP-210 cpm
9:30	As Read	As Read	As Read
9:35	As Read	As Read	As Read
9:40	As Read	As Read	97
9:45	As Read	As Read	180
9:50	As Read	As Read	360
9:55	As Read	As Read	563
10:00	As Read	As Read	646
10:05	As Read	As Read	1282
10:10	As Read	As Read	1240
10:15	As Read	0.1	2469
10:20	As Read	0.1	3409
10:25	As Read	0.1	4046
10:30	As Read	0.1	3745
10:35	As Read	0.1	3743
10:40	As Read	0.1	3518
10:45	As Read	0.1	3072
10:50	As Read	0.1	2606
10:55	As Read	0.1	2111
11:00	As Read	0.1	1607
11:05	As Read	As Read	1196
11:10	As Read	As Read	855
11:15	As Read	As Read	588
11:20	As Read	As Read	389
11:25	As Read	As Read	248
11:30	As Read	As Read	141
11:35	As Read	As Read	84
11:40	As Read	As Read	As Read
11:45	As Read	As Read	As Read
11:50	As Read	As Read	As Read
11:55	As Read	As Read	As Read
12:00	As Read	As Read	As Read

NOTES:

1. All times not shown are "As Read."
2. RO-2 Beta readings do not include a beta factor (BF = 4).
3. RM-14 readings are direct count rates from plume.
4. All air sample results are "As Read."
5. All readings are net of background (50 CPM).
6. RO-2 readings are given with window OPEN and CLOSED.

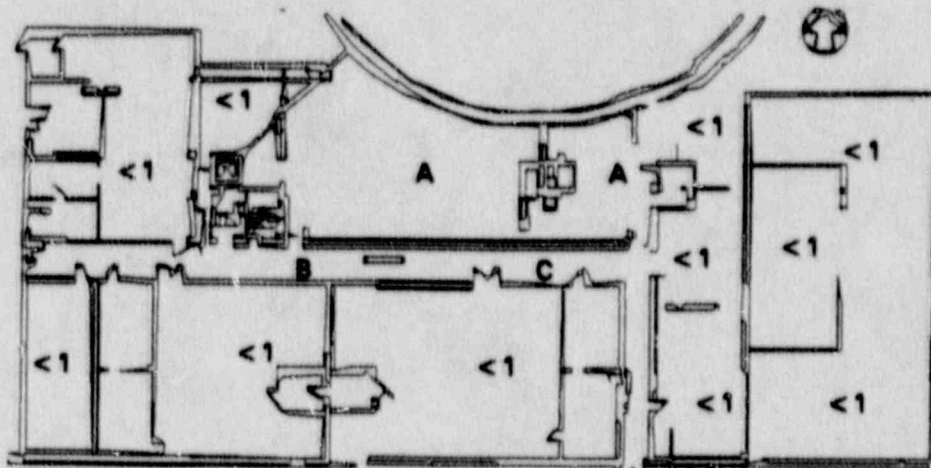
FUEL STORAGE BUILDING + 40 FT EL.



FUEL STORAGE BUILDING + 40 FT EL.									
Time	A	B	C	D	E	A - D	A - D	A - D	A - D
	Dose Rate					Smear	Airborne	Iodine	Part.
	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	cpm	uCi/cc	cpm	cpm
9:00	<1	<1	<1	<1	<1	<100	1.60E-10	As Read	As Read
9:15	<1	<1	<1	<1	<1	<100	1.60E-10	As Read	As Read
9:30	<1	<1	<1	<1	<1	<100	1.60E-10	As Read	As Read
9:45	2800	3080	2926	3296	246	<100	1.40E+00	440	176
10:00	6200	6820	6479	7297	546	3448	3.10E+00	973	391
10:15	5400	5940	5643	6356	475	6445	2.70E+00	848	340
10:30	3600	3960	3762	4237	317	6443	1.80E+00	565	227
10:45	1800	1980	1881	2119	158	9453	9.10E-01	286	115
11:00	670	737	700	789	59	9631	3.40E-01	107	43
11:15	180	198	188	212	16	9932	9.10E-02	29	11
11:30	37	41	39	44	3	9951	1.80E-02	As Read	As Read
11:45	6	6	6	6	0	9955	2.80E-03	As Read	As Read
12:00	5	6	5	6	0	9955	3.10E-04	As Read	As Read
12:15	5	6	5	6	0	9955	2.50E-05	As Read	As Read
12:30	5	6	5	6	0	9955	1.50E-06	As Read	As Read
12:45	5	6	5	6	0	9955	7.10E-08	As Read	As Read
13:00	5	6	5	6	0	9955	2.60E-09	As Read	As Read
13:15	5	6	5	6	0	9955	1.60E-10	As Read	As Read
13:30	5	6	5	6	0	9955	1.60E-10	As Read	As Read

All count rates are net cpm.
All air samples assume a 20 cubic ft volume.

AUXILIARY BUILDING + 20.0 FT EL.



AUXILIARY BUILDING + 20 FT EL.							
Time	A	B	C	A - C	A - C	A - C	A - C
	Dose Rate			Smear	Airborne	Iodine	Part.
	mR/hr	mR/hr	mR/hr	cpm	uCi/cc	cpm	cpm
9:00	<1	<1	<1	<100	1.60E-10	As Read	As Read
9:15	<1	<1	<1	<100	1.60E-10	As Read	As Read
9:30	<1	<1	<1	<100	1.60E-10	As Read	As Read
9:45	<1	<1	<1	<100	2.20E-10	As Read	As Read
10:00	1	<1	<1	<100	4.80E-09	As Read	As Read
10:15	4	<1	<1	<100	5.30E-09	As Read	As Read
10:30	7	<1	<1	<100	6.20E-09	As Read	As Read
10:45	6	4	2	<100	7.30E-09	As Read	As Read
11:00	3	2	1	<100	9.70E-09	As Read	As Read
11:15	1	1	<1	<100	4.30E-09	As Read	As Read
11:30	<1	<1	<1	<100	3.10E-09	As Read	As Read
11:45	<1	<1	<1	<100	9.40E-10	As Read	As Read
12:00	<1	<1	<1	<100	8.70E-10	As Read	As Read
12:15	<1	<1	<1	<100	4.20E-10	As Read	As Read
12:30	<1	<1	<1	<100	3.80E-10	As Read	As Read
12:45	<1	<1	<1	<100	2.10E-10	As Read	As Read
13:00	<1	<1	<1	<100	1.60E-10	As Read	As Read
13:15	<1	<1	<1	<100	1.60E-10	As Read	As Read
13:30	<1	<1	<1	<100	1.60E-10	As Read	As Read

All count rates are net cpm.
All air samples assume a 20 cubic ft volume.

Annual Exercise

Wide Range Gas Monitor Gas, Particulate and Iodine Samples				
Sample Time	Sample Media	mR/hr Contact	mR/hr 1 ft	mR/hr 3 ft
10:00	Charcoal	As Read	As Read	As Read
	Filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read
11:00	Charcoal	As Read	As Read	As Read
	Filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read
12:00	Charcoal	As Read	As Read	As Read
	Filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read
13:00	Charcoal	As Read	As Read	As Read
	Filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read
14:00	Charcoal	As Read	As Read	As Read
	Filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read
15:00	Charcoal	As Read	As Read	As Read
	filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read
16:00	Charcoal	As Read	As Read	As Read
	Filter	As Read	As Read	As Read
	Gas	As Read	As Read	As Read

NOTE: See Aux Bldg (E1+20 ft) Survey Map for count rate data.

Annual Exercise

Fuel Storage Building Gas, Particulate and Iodine Samples				
Sample Time	Sample Media	mR/hr Contact	mR/hr 1 ft	mR/hr 3 ft
10:00	Charcoal Filter Gas	As Read As Read 308	As Read As Read 11	As Read As Read 1
11:00	Charcoal Filter Gas	As Read As Read 34	As Read As Read 1	As Read As Read As Read
12:00	Charcoal Filter Gas	As Read As Read As Read	As Read As Read As Read	As Read As Read As Read
13:00	Charcoal Filter Gas	As Read As Read As Read	As Read As Read As Read	As Read As Read As Read
14:00	Charcoal Filter Gas	As Read As Read As Read	As Read As Read As Read	As Read As Read As Read
15:00	Charcoal Filter Gas	As Read As Read As Read	As Read As Read As Read	As Read As Read As Read
16:00	Charcoal Filter Gas	As Read As Read As Read	As Read As Read As Read	As Read As Read As Read

NOTE: See FSB (El+40 ft) Survey Map for count rate data.

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	8.41E-05	8.42E-05	4.67E-05	5.5
MN-54	312.70D	1.000	6.81E-05	6.81E-05	2.29E-07	0.0
CO-58	70.8D	1.000	1.57E-04	1.57E-04	3.03E-05	1.9
CO-60	5.27Y	1.000	3.25E-04	3.25E-04	2.54E-04	7.8
ZR-95	64.02D	1.000	7.97E-05	7.97E-05	7.27E-06	0.9
SB-122	2.70D	1.005	2.03E-05	2.04E-05	1.27E-05	6.2
SR-92	2.71H	1.133	2.11E-06	2.39E-06	1.41E-06	5.9
NB-95	35.06D	1.000	9.99E-05	9.99E-05	8.07E-05	8.1
RU-103	39.35D	1.000	1.24E-05	1.24E-05	5.78E-06	4.6
I-131	8.04D	1.001	1.16E-06	1.16E-06	9.74E-07	8.4
CS-134	2.06Y	1.000	1.75E-04	1.75E-04	2.83E-05	1.6
CS-137	30.17Y	1.000	4.64E-04	4.64E-04	4.13E-04	8.9
CE-141	32.50D	1.000	1.20E-05	1.20E-05	3.63E-06	3.0
CE-144	284.30D	1.000	8.61E-05	8.61E-05	2.64E-06	0.3
KR-85	10.51Y	1.000	3.23E-04	3.23E-04	1.74E-04	5.4
XE-133	5.24D	1.003	6.06E-03	6.08E-03	3.00E-03	4.9
XE-131M	2.19D	1.002	1.91E-05	1.91E-05	9.36E-06	4.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.18E-04	1.18E-04	1.92E-06	0.2
MN-54	312.70D	1.000	9.57E-05	9.57E-05	6.97E-05	7.3
CO-58	70.8D	1.000	2.21E-04	2.21E-04	1.95E-04	8.8
CO-60	5.27Y	1.000	4.57E-04	4.57E-04	8.30E-05	1.8
ZR-95	64.02D	1.000	1.12E-04	1.12E-04	1.00E-04	8.9
SB-122	2.70D	1.005	2.85E-05	2.87E-05	1.43E-06	0.5
SR-92	2.71H	1.133	4.77E-06	5.40E-06	1.50E-07	0.3
NB-95	35.06D	1.000	1.40E-04	1.40E-04	5.32E-05	3.8
RU-103	39.35D	1.000	1.75E-05	1.75E-05	1.33E-05	7.6
I-131	8.04D	1.001	1.63E-06	1.63E-06	1.53E-06	9.4
CS-134	2.06Y	1.000	2.46E-04	2.46E-04	5.15E-05	2.1
CS-137	30.17Y	1.000	6.51E-04	6.51E-04	5.92E-04	9.1
CE-141	32.50D	1.000	1.69E-05	1.69E-05	9.73E-06	5.8
CE-144	284.30D	1.000	1.21E-04	1.21E-04	4.11E-05	3.4
KR-85	10.51Y	1.000	4.53E-04	4.53E-04	9.40E-05	2.1
XE-133	5.24D	1.003	8.51E-03	8.54E-03	7.58E-03	8.9
XE-131M	2.19D	1.002	2.68E-05	2.68E-05	2.18E-05	8.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.50E-04	1.50E-04	1.23E-05	0.8
MN-54	312.70D	1.000	1.21E-04	1.21E-04	1.14E-04	9.4
CO-58	70.8D	1.000	2.80E-04	2.80E-04	1.87E-04	6.7
CO-60	5.27Y	1.000	5.78E-04	5.78E-04	3.37E-04	5.8
ZR-95	64.02D	1.000	1.42E-04	1.42E-04	2.65E-05	1.9
SB-122	2.70D	1.005	3.61E-05	3.63E-05	6.72E-06	1.9
SR-92	2.71H	1.133	3.76E-06	4.26E-06	9.52E-07	2.2
NB-95	35.06D	1.000	1.78E-04	1.78E-04	6.63E-05	3.7
RU-103	39.35D	1.000	2.21E-05	2.21E-05	7.35E-06	3.3
I-131	8.04D	1.001	2.07E-06	2.07E-06	1.83E-06	8.8
CS-134	2.06Y	1.000	3.12E-04	3.12E-04	1.74E-04	5.6
CS-137	30.17Y	1.000	8.25E-04	8.25E-04	5.56E-04	6.7
CE-141	32.50D	1.000	2.14E-05	2.14E-05	1.65E-05	7.7
CE-144	284.30D	1.000	1.53E-04	1.53E-04	5.54E-05	3.6
KR-85	10.51Y	1.000	5.74E-04	5.74E-04	1.54E-04	2.7
XE-133	5.24D	1.003	1.08E-02	1.08E-02	7.22E-03	6.7
XE-131M	2.19D	1.002	3.39E-05	3.40E-05	3.06E-05	9.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.74E-04	1.74E-04	5.17E-05	3.0
MN-54	312.70D	1.000	1.41E-04	1.41E-04	1.19E-05	0.8
CO-58	70.8D	1.000	3.25E-04	3.25E-04	1.62E-04	5.0
CO-60	5.27Y	1.000	6.71E-04	6.71E-04	5.63E-04	8.4
ZR-95	64.02D	1.000	1.65E-04	1.65E-04	9.22E-05	5.6
SB-122	2.70D	1.005	4.20E-05	4.22E-05	1.12E-05	2.7
SR-92	2.71H	1.133	4.36E-06	4.94E-06	1.03E-06	2.1
NB-95	35.06D	1.000	2.06E-04	2.06E-04	7.13E-05	3.5
RU-103	39.35D	1.000	2.57E-05	2.57E-05	2.87E-06	1.1
I-131	8.04D	1.001	2.40E-06	2.40E-06	3.73E-07	1.6
CS-134	2.06Y	1.000	3.62E-04	3.62E-04	1.20E-04	3.3
CS-137	30.17Y	1.000	9.58E-04	9.58E-04	8.01E-04	8.4
CE-141	32.50D	1.000	2.48E-05	2.48E-05	4.29E-07	0.2
CE-144	284.30D	1.000	1.78E-04	1.78E-04	1.54E-04	8.7
KR-85	10.51Y	1.000	6.67E-04	6.67E-04	4.38E-04	6.6
XE-133	5.24D	1.003	1.25E-02	1.26E-02	1.03E-02	8.2
XE-131M	2.19D	1.002	3.94E-05	3.95E-05	2.39E-06	0.6

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.92E-04	1.92E-04	1.05E-04	5.4
MN-54	312.70D	1.000	1.55E-04	1.55E-04	1.25E-04	8.1
CO-58	70.8D	1.000	3.59E-04	3.59E-04	2.54E-04	7.1
CO-60	5.27Y	1.000	7.42E-04	7.42E-04	3.74E-04	5.0
ZR-95	64.02D	1.000	1.82E-04	1.82E-04	8.92E-05	4.9
SB-122	2.70D	1.005	4.64E-05	4.66E-05	3.61E-05	7.7
SR-92	2.71H	1.133	4.82E-06	5.46E-06	1.36E-06	2.5
NB-95	35.06D	1.000	2.28E-04	2.28E-04	1.99E-04	8.7
RU-103	39.35D	1.000	2.84E-05	2.84E-05	4.87E-06	1.7
I-131	8.04D	1.001	2.65E-06	2.66E-06	1.15E-06	4.3
CS-134	2.06Y	1.000	4.00E-04	4.00E-04	2.20E-04	5.5
CS-137	30.17Y	1.000	1.06E-03	1.06E-03	8.47E-04	8.0
CE-141	32.50D	1.000	2.74E-05	2.74E-05	5.08E-06	1.9
CE-144	284.30D	1.000	1.96E-04	1.96E-04	1.21E-04	6.2
KR-85	10.51Y	1.000	7.37E-04	7.37E-04	3.62E-04	4.9
XE-133	5.24D	1.003	1.38E-02	1.39E-02	5.45E-03	3.9
XE-131M	2.19D	1.002	4.35E-05	4.36E-05	9.95E-06	2.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.09E-04	2.09E-04	9.28E-05	4.4
MN-54	312.70D	1.000	1.69E-04	1.69E-04	1.39E-04	8.2
CO-58	70.8D	1.000	3.92E-04	3.92E-04	2.10E-04	5.4
CO-60	5.27Y	1.000	8.09E-04	8.09E-04	6.25E-04	7.7
ZR-95	64.02D	1.000	1.98E-04	1.98E-04	8.52E-05	4.3
SB-122	2.70D	1.005	5.05E-05	5.08E-05	3.06E-05	6.0
SR-92	2.71H	1.133	5.26E-06	5.95E-06	2.72E-06	4.6
NB-95	35.06D	1.000	2.49E-04	2.49E-04	1.92E-04	7.7
RU-103	39.35D	1.000	3.10E-05	3.10E-05	3.08E-06	1.0
I-131	8.04D	1.001	2.89E-06	2.89E-06	2.49E-06	8.6
CS-134	2.06Y	1.000	4.36E-04	4.36E-04	1.77E-04	4.1
CS-137	30.17Y	1.000	1.15E-03	1.15E-03	6.50E-04	5.6
CE-141	32.50D	1.000	4.79E-05	4.79E-05	3.34E-05	7.0
CE-144	284.30D	1.000	2.14E-04	2.14E-04	2.01E-04	9.4
KR-85	10.51Y	1.000	8.03E-04	8.03E-04	4.52E-04	5.6
XE-133	5.24D	1.003	1.51E-02	1.51E-02	4.51E-03	3.0
XE-131M	2.19D	1.002	4.74E-05	4.75E-05	3.03E-05	6.4

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinell

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.26E-04	2.27E-04	5.54E-05	2.4
MN-54	312.70D	1.000	1.83E-04	1.83E-04	4.69E-05	2.6
CO-58	70.8D	1.000	4.39E-04	4.39E-04	2.84E-04	6.5
CO-60	5.27Y	1.000	8.75E-04	8.75E-04	4.70E-04	5.4
ZR-95	64.02D	1.000	2.15E-04	2.15E-04	3.89E-05	1.8
SB-122	2.70D	1.005	5.47E-05	5.50E-05	3.40E-05	6.2
SR-92	2.71H	1.133	5.69E-06	6.44E-06	8.50E-07	1.3
NB-95	35.06D	1.000	2.69E-04	2.69E-04	3.55E-05	1.3
RU-103	39.35D	1.000	3.35E-05	3.35E-05	1.21E-05	3.6
I-131	8.04D	1.001	3.13E-06	3.13E-06	1.82E-06	5.8
CS-134	2.06Y	1.000	4.72E-04	4.72E-04	3.47E-04	7.3
CS-137	30.17Y	1.000	1.25E-03	1.25E-03	5.83E-04	4.7
CE-141	32.50D	1.000	3.38E-05	3.38E-05	1.53E-05	4.5
CE-144	284.30D	1.000	3.82E-04	3.82E-04	2.06E-04	5.4
KR-85	10.51Y	1.000	8.69E-04	8.69E-04	3.85E-04	4.4
XE-133	5.24D	1.003	1.63E-02	1.64E-02	1.10E-02	6.7
XE-131M	2.19D	1.002	5.13E-05	5.14E-05	4.89E-05	9.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	0.00 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.44E-04	2.44E-04	1.17E-04	4.8
MN-54	312.70D	1.000	1.97E-04	1.97E-04	1.07E-04	5.4
CO-58	70.8D	1.000	4.56E-04	4.56E-04	4.49E-04	9.8
CO-60	5.27Y	1.000	9.42E-04	9.42E-04	3.96E-04	4.2
ZR-95	64.02D	1.000	3.81E-04	3.81E-04	2.92E-05	0.8
SB-122	2.70D	1.005	5.88E-05	5.91E-05	5.85E-05	9.9
SR-92	2.71H	1.173	6.12E-06	6.93E-06	2.59E-06	3.7
NB-95	35.06D	1.000	2.89E-04	2.89E-04	2.04E-04	7.1
RU-103	39.35D	1.000	3.60E-05	3.60E-05	3.56E-05	9.9
I-131	8.04D	1.001	3.37E-06	3.37E-06	4.18E-07	1.2
CS-134	2.06Y	1.000	5.07E-04	5.07E-04	1.97E-04	3.9
CS-137	30.17Y	1.000	1.34E-03	1.34E-03	1.43E-06	0.0
CE-141	32.50D	1.000	3.48E-05	3.48E-05	2.27E-05	6.5
CE-144	284.30D	1.000	2.49E-04	2.49E-04	4.04E-05	1.6
KR-85	10.51Y	1.000	9.35E-04	9.35E-04	6.76E-04	7.2
XE-133	5.24D	1.003	1.76E-02	1.76E-02	6.57E-03	3.7
XE-131M	2.19D	1.002	5.54E-05	5.55E-05	2.75E-05	4.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.61E-04	2.61E-04	1.83E-04	7.0
MN-54	312.70D	1.000	2.11E-04	2.11E-04	1.29E-04	6.1
CO-58	70.8D	1.000	4.88E-04	4.88E-04	4.35E-04	8.9
CO-60	5.27Y	1.000	1.01E-03	1.01E-03	3.87E-04	3.8
ZR-95	64.02D	1.000	2.47E-04	2.47E-04	1.50E-04	6.1
SB-122	2.70D	1.005	6.30E-05	6.33E-05	5.65E-05	8.9
SR-92	2.71H	1.133	6.55E-06	7.42E-06	3.06E-06	4.1
NB-95	35.06D	1.000	3.10E-04	3.10E-04	1.05E-04	3.4
RU-103	39.35D	1.000	3.86E-05	3.86E-05	3.12E-06	0.8
I-131	8.04D	1.001	3.60E-06	3.61E-06	1.55E-06	4.3
CS-134	2.06Y	1.000	5.43E-04	5.43E-04	4.47E-04	8.2
CS-137	30.17Y	1.000	1.44E-03	1.44E-03	9.10E-04	6.3
CE-141	32.50D	1.000	3.73E-05	3.73E-05	3.22E-05	8.6
CE-144	284.30D	1.000	2.67E-04	2.67E-04	2.58E-04	9.7
KR-85	10.51Y	1.000	1.00E-03	1.00E-03	5.91E-04	5.9
XE-133	5.24D	1.003	1.88E-02	1.89E-02	9.28E-03	4.9
XE-131M	2.19D	1.002	5.91E-05	5.93E-05	2.02E-05	3.4

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1
 Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6
 Sample Title: SPENT FUEL POOL
 Sample Date: 6-DEC-1989 Acquisition Date: 6-DEC-1989
 Sample ID: 3238_6DEC89 Sample Quantity: 50 ml
 Sample Type: LIQUID Sample Geometry: 50 ml Marinelli
 Detector Name: PGT_SN2098 Detector Geometry: 50 ml Marinelli
 Elapsed Live Time: 00:10:20:00 Elapsed Real Time: 00:12:43:00
 Energy Tolerance: 1.00 Half Life Ratio: 10.00
 Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.78E-04	2.78E-04	4.52E-05	1.6
MN-54	312.70D	1.000	2.25E-04	2.25E-04	1.67E-04	7.4
CO-58	70.8D	1.000	5.20E-04	5.20E-04	2.78E-05	0.5
CO-60	5.27Y	1.000	1.07E-03	1.07E-03	5.31E-05	0.5
ZR-95	64.02D	1.000	2.64E-04	2.64E-04	9.85E-06	0.4
SB-122	2.70D	1.005	6.72E-05	6.75E-05	6.18E-06	0.9
SR-92	2.71H	1.133	6.98E-06	7.91E-06	2.87E-06	3.6
NB-95	35.03D	1.000	3.30E-04	3.30E-04	6.60E-05	2.0
RU-103	39.35D	1.000	4.11E-05	4.11E-05	3.27E-05	7.9
I-131	8.04D	1.001	3.84E-06	3.85E-06	2.92E-06	7.6
CS-134	2.06Y	1.000	5.79E-04	5.79E-04	3.35E-05	0.6
CS-137	30.17Y	1.000	1.53E-03	1.53E-03	8.90E-04	5.8
CE-141	32.50D	1.000	3.97E-05	3.97E-05	2.82E-05	7.1
CE-144	284.30D	1.000	2.84E-04	2.84E-04	1.89E-04	6.7
KR-85	10.51Y	1.000	1.07E-03	1.07E-03	6.14E-04	5.8
XE-133	5.24D	1.003	2.00E-02	2.01E-02	9.96E-03	5.0
XE-131M	2.19D	1.002	6.30E-05	6.32E-05	6.22E-05	9.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: FGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	4.75E-04	4.76E-04	2.21E-04	4.6
MN-54	312.70D	1.000	3.89E-04	3.89E-04	1.63E-04	4.2
CO-58	70.8D	1.000	5.53E-04	5.53E-04	4.02E-04	7.3
CO-60	5.27Y	1.000	1.14E-03	1.14E-03	3.21E-04	2.8
ZR-95	64.02D	1.000	2.80E-04	2.80E-04	1.21E-04	4.3
SB-122	2.70D	1.005	7.13E-05	7.17E-05	2.64E-05	3.7
SR-92	2.71H	1.133	7.42E-06	8.40E-06	5.49E-06	6.5
NB-95	35.06D	1.000	3.51E-04	3.51E-04	2.92E-04	8.3
RU-103	39.35D	1.000	4.37E-05	4.37E-05	1.77E-05	4.0
I-131	8.04D	1.001	4.08E-06	4.08E-06	1.80E-07	0.4
CS-134	2.06Y	1.000	6.15E-04	6.15E-04	4.39E-05	0.7
CS-137	30.17Y	1.000	1.63E-03	1.63E-03	1.16E-03	7.1
CE-141	32.50D	1.000	4.22E-05	4.22E-05	2.37E-05	5.6
CE-144	284.30D	1.000	3.02E-04	3.02E-04	2.16E-04	7.2
KR-85	10.51Y	1.000	1.13E-03	1.13E-03	6.08E-04	5.4
XE-133	5.24D	1.003	2.13E-02	2.13E-02	7.64E-03	3.6
XE-131M	2.19D	1.002	6.69E-05	6.71E-05	2.32E-08	0.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:45

Configuration: DUBO:[GAMMASPEC.CONFIG]13238_6DEC890700.CNF;1
 Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6
 Sample Title: SPENT FUEL POOL
 Sample Date: 6-DEC-1989 Acquisition Date: 6-DEC-1989
 Sample ID: 3238_6DEC89 Sample Quantity: 50 ml
 Sample Type: LIQUID Sample Geometry: 50 ml Marinelli
 Detector Name: PGT_SN2098 Detector Geometry: 50 ml Marinelli
 Elapsed Live Time: 00:10:20:00 Elapsed Real Time: 00:12:43:00
 Energy Tolerance: 1.00 Half Life Ratio: 10.00
 Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.12E-04	3.13E-04	1.89E-04	6.1
MN-54	312.70D	1.000	2.53E-04	2.53E-04	2.51E-04	9.9
CO-58	70.8D	1.000	5.85E-04	5.85E-04	1.48E-04	2.5
CO-60	5.27Y	1.000	1.21E-03	1.21E-03	9.40E-05	0.8
ZR-95	64.02D	1.000	4.76E-04	4.76E-04	1.59E-04	3.3
SB-122	2.70D	1.005	7.55E-05	7.58E-05	5.85E-05	7.7
SR-92	2.71H	1.133	7.85E-06	8.89E-06	7.22E-07	0.8
NB-95	35.06D	1.000	3.71E-04	3.71E-04	1.08E-04	2.9
RU-103	39.35D	1.000	4.62E-05	4.62E-05	1.94E-05	4.2
I-131	8.04D	1.001	4.32E-06	4.32E-06	1.39E-06	3.2
CS-134	2.06Y	1.000	6.51E-04	6.51E-04	6.47E-04	9.9
CS-137	30.17Y	1.000	1.72E-03	1.72E-03	6.60E-04	3.8
CE-141	32.50D	1.000	4.46E-05	4.46E-05	9.85E-06	2.2
CE-144	284.30D	1.000	3.20E-04	3.20E-04	1.89E-04	5.9
KR-85	10.51Y	1.000	1.20E-03	1.20E-03	1.11E-03	9.3
XE-133	5.24D	1.003	2.25E-02	2.26E-02	2.02E-02	8.9
XE-131M	2.19D	1.002	7.08E-05	7.10E-05	4.31E-05	6.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 13:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.48E-04	3.48E-04	1.20E-04	3.4
MN-54	312.70D	1.000	2.67E-04	2.67E-04	9.05E-05	3.4
CO-58	70.8D	1.000	6.17E-04	6.17E-04	5.60E-04	9.1
CO-60	5.27Y	1.000	1.27E-03	1.27E-03	3.96E-04	3.1
ZR-95	64.02D	1.000	3.13E-04	3.13E-04	2.46E-04	7.9
SB-122	2.70D	1.005	7.96E-05	8.00E-05	6.03E-05	7.5
SR-92	2.71H	1.133	8.28E-06	9.38E-06	6.19E-06	6.6
NB-95	35.06D	1.000	3.92E-04	3.92E-04	1.55E-04	4.0
RU-103	39.35D	1.000	4.88E-05	4.88E-05	2.11E-06	0.4
I-131	8.04D	1.001	4.56E-06	4.56E-06	1.86E-06	4.1
CS-134	2.06Y	1.000	6.87E-04	6.87E-04	5.24E-04	7.6
CS-137	30.17Y	1.000	1.82E-03	1.82E-03	3.49E-04	1.9
CE-141	32.50D	1.000	4.71E-05	4.71E-05	9.50E-06	2.0
CE-144	284.30D	1.000	3.37E-04	3.37E-04	2.08E-04	6.2
KR-85	10.51Y	1.000	1.27E-03	1.27E-03	5.27E-04	4.2
XE-133	5.24D	1.003	3.88E-02	3.89E-02	1.44E-02	3.7
XE-131M	2.19D	1.002	7.47E-05	7.49E-05	4.74E-05	6.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 13:15

Configuration: DUBO:[GAMMASPEC.CONFIG]13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.47E-04	3.47E-04	2.98E-04	8.6
MN-54	312.70D	1.000	2.81E-04	2.81E-04	1.36E-04	4.8
CO-58	70.8D	1.000	6.49E-04	6.49E-04	2.65E-04	4.1
CO-60	5.27Y	1.000	1.34E-03	1.34E-03	5.49E-04	4.1
ZR-95	64.02D	1.000	3.29E-04	3.29E-04	2.37E-04	7.2
SB-122	2.70D	1.005	8.38E-05	8.42E-05	7.73E-05	9.2
SR-92	2.71H	1.133	8.71E-06	9.87E-06	6.88E-06	7.0
NB-95	35.06D	1.000	4.12E-04	4.12E-04	2.89E-04	7.0
RU-103	39.35D	1.000	5.13E-05	5.13E-05	1.79E-05	3.5
I-131	8.04D	1.001	4.79E-06	4.80E-06	1.34E-06	2.8
CS-134	2.06Y	1.000	7.22E-04	7.22E-04	2.92E-04	4.0
CS-137	30.17Y	1.000	1.91E-03	1.91E-03	1.90E-03	9.9
CE-141	32.50D	1.000	4.95E-05	4.95E-05	7.98E-06	1.6
CE-144	284.30D	1.000	3.55E-04	3.55E-04	1.65E-04	4.7
KR-85	10.51Y	1.000	1.33E-03	1.33E-03	5.28E-04	4.0
XE-133	5.24D	1.003	2.50E-02	2.51E-02	2.38E-02	9.5
XE-131M	2.19D	1.002	7.86E-05	7.88E-05	2.13E-05	2.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 13:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	HLife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.47E-04	3.47E-04	1.09E-04	3.1
MN-54	312.70D	1.000	2.81E-04	2.81E-04	2.23E-04	8.0
CO-58	70.8D	1.000	6.49E-04	6.49E-04	3.69E-04	5.7
CO-60	5.27Y	1.000	1.34E-03	1.34E-03	8.22E-04	6.1
ZR-95	64.02D	1.000	3.29E-04	3.29E-04	2.54E-05	0.8
SB-122	2.70D	1.005	8.38E-05	8.42E-05	5.84E-05	6.9
SR-92	2.71H	1.133	8.71E-06	9.87E-06	1.51E-06	1.9
NB-95	35.06D	1.000	4.12E-04	4.12E-04	1.38E-04	3.3
RU-103	39.35D	1.000	5.13E-05	5.13E-05	2.35E-06	0.5
I-131	8.04D	1.001	4.79E-06	4.80E-06	2.49E-06	5.2
CS-134	2.06Y	1.000	7.22E-04	7.22E-04	5.47E-05	0.8
CS-137	30.17Y	1.000	1.91E-03	1.91E-03	8.23E-04	4.3
CE-141	32.50D	1.000	4.95E-05	4.95E-05	3.07E-06	0.6
CE-144	284.30D	1.000	3.55E-04	3.55E-04	2.96E-04	8.4
KR-85	10.51Y	1.000	1.33E-03	1.33E-03	2.41E-04	1.8
XE-133	5.24D	1.003	2.50E-02	2.51E-02	2.29E-02	9.1
XE-131M	2.19D	1.002	7.86E-05	7.38E-05	8.97E-06	1.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 9:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.44E-11	3.44E-11	7.81E-12	2.3
MN-54	312.70D	1.000	2.79E-11	2.79E-11	2.55E-11	9.2
CO-58	70.8D	1.000	6.44E-11	6.44E-11	4.83E-11	7.5
CO-60	5.27Y	1.000	1.33E-10	1.33E-10	1.16E-10	8.7
ZR-95	64.02D	1.000	3.26E-11	3.26E-11	3.62E-12	1.1
SB-122	2.70D	1.005	8.31E-12	8.35E-12	3.05E-12	3.7
SR-92	2.71H	1.133	8.64E-13	9.79E-13	2.03E-13	2.1
NB-95	35.06D	1.000	4.09E-11	4.09E-11	3.75E-11	9.2
RU-103	39.35D	1.000	5.09E-12	5.09E-12	7.99E-14	0.2
I-131	8.04D	1.001	4.75E-11	4.76E-11	2.14E-11	4.5
CS-134	2.06Y	1.000	7.17E-11	7.17E-11	2.14E-12	0.3
CS-137	30.17Y	1.000	1.90E-10	1.90E-10	1.65E-10	8.7
CE-141	32.50D	1.000	4.91E-12	4.91E-12	1.20E-12	2.4
CE-144	284.30D	1.000	3.52E-11	3.52E-11	7.77E-12	2.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 9:45

Configuration: DUBO:IGAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	5.21E-11	5.21E-11	3.31E-11	6.3
MN-54	312.70D	1.000	4.22E-11	4.22E-11	1.73E-11	4.1
CO-58	70.8D	1.000	9.75E-11	9.75E-11	4.57E-11	4.7
CO-60	5.27Y	1.000	2.01E-10	2.01E-10	1.46E-10	7.2
ZR-95	64.02D	1.000	4.94E-11	4.94E-11	1.10E-11	2.2
SB-122	2.70D	1.005	1.26E-11	1.26E-11	4.52E-12	3.6
SR-92	2.71H	1.133	1.31E-12	1.48E-12	7.53E-13	5.1
NB-95	35.06D	1.000	6.19E-11	6.19E-11	1.34E-11	2.2
RU-103	39.35D	1.000	7.71E-12	7.71E-12	2.57E-12	3.3
I-131	8.04D	1.001	7.20E-11	7.20E-11	6.82E-11	9.5
CS-134	2.06Y	1.000	1.08E-10	1.08E-10	8.31E-11	7.7
CS-137	30.17Y	1.000	2.87E-10	2.87E-10	1.42E-11	0.5
CE-141	32.50D	1.000	7.44E-12	7.44E-12	2.95E-12	4.0
CE-144	284.30D	1.000	5.33E-11	5.33E-11	5.13E-11	9.6

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	8.41E-11	8.42E-11	7.02E-11	8.3
MN-54	312.70D	1.000	6.81E-11	6.81E-11	3.31E-11	4.9
CO-58	70.8D	1.000	1.57E-10	1.57E-10	4.12E-11	2.6
CO-60	5.27Y	1.000	3.25E-10	3.25E-10	1.58E-10	4.8
ZR-95	64.02D	1.000	7.97E-11	7.97E-11	2.33E-11	2.9
SB-122	2.70D	1.005	2.03E-11	2.04E-11	1.91E-11	9.4
SR-92	2.71H	1.133	2.11E-12	2.39E-12	9.85E-13	4.1
NB-95	35.06D	1.000	9.99E-11	9.99E-11	2.56E-13	0.0
RU-103	39.35D	1.000	1.24E-11	1.24E-11	5.05E-12	4.1
I-131	8.04D	1.001	1.16E-10	1.16E-10	1.06E-10	9.1
CS-134	2.06Y	1.000	1.75E-10	1.75E-10	1.65E-10	9.4
CS-137	30.17Y	1.000	4.64E-10	4.64E-10	4.64E-11	1.0
CE-141	32.50D	1.000	1.20E-11	1.20E-11	9.30E-12	7.7
CE-144	284.30D	1.000	8.61E-11	8.61E-11	2.06E-13	0.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	HLife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.18E-10	1.18E-10	8.99E-11	7.6
MN-54	312.70D	1.000	9.57E-11	9.57E-11	6.76E-11	7.1
CO-58	70.8D	1.000	2.21E-10	2.21E-10	1.94E-10	8.8
CO-60	5.27Y	1.000	4.57E-10	4.57E-10	4.54E-10	9.9
ZR-95	64.02D	1.000	1.12E-10	1.12E-10	2.66E-11	2.4
SB-122	2.70D	1.005	2.85E-11	2.87E-11	2.29E-11	8.0
SR-92	2.71H	1.133	4.77E-12	5.40E-12	2.15E-12	4.0
NB-95	35.06D	1.000	1.40E-10	1.40E-10	6.87E-11	4.9
RU-103	39.35D	1.000	1.75E-11	1.75E-11	8.20E-12	4.7
I-131	8.04D	1.001	1.63E-10	1.63E-10	5.96E-11	3.6
CS-134	2.06Y	1.000	2.46E-10	2.46E-10	1.16E-11	0.5
CS-137	30.17Y	1.000	6.51E-10	6.51E-10	3.43E-10	5.3
CE-141	32.50D	1.000	1.69E-11	1.69E-11	1.19E-11	7.1
CE-144	284.30D	1.000	1.21E-10	1.21E-10	4.26E-11	3.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Half	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.50E-10	1.50E-10	1.16E-11	0.8
MN-54	312.70D	1.000	1.21E-10	1.21E-10	8.66E-11	7.2
CO-58	70.8D	1.000	2.80E-10	2.80E-10	2.63E-10	9.4
CO-60	5.27Y	1.000	5.78E-10	5.78E-10	4.10E-10	7.1
ZR-95	64.02D	1.000	1.42E-10	1.42E-10	1.15E-10	8.1
SB-122	2.70D	1.005	3.61E-11	3.63E-11	8.92E-12	2.5
SR-92	2.71H	1.133	3.76E-12	4.26E-12	1.70E-12	4.0
NB-95	35.06D	1.000	1.78E-10	1.78E-10	7.53E-11	4.2
RU-103	39.35D	1.000	2.21E-11	2.21E-11	2.01E-11	9.1
I-131	8.04D	1.001	2.07E-10	2.07E-10	8.65E-11	4.2
CS-134	2.06Y	1.000	3.12E-10	3.12E-10	1.76E-10	5.6
CS-137	30.17Y	1.000	8.25E-10	8.25E-10	7.54E-10	9.1
CE-141	32.50D	1.000	2.14E-11	2.14E-11	3.82E-12	1.8
CE-144	284.30D	1.000	1.53E-10	1.53E-10	9.48E-11	6.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 10:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.74E-10	1.74E-10	5.18E-12	0.3
MN-54	312.70D	1.000	1.41E-10	1.41E-10	1.01E-10	7.1
CO-58	70.8D	1.000	3.25E-10	3.25E-10	1.04E-10	3.2
CO-60	5.27Y	1.000	6.71E-10	6.71E-10	5.35E-10	8.0
ZR-95	64.02D	1.000	1.65E-10	1.65E-10	7.66E-11	4.7
SB-122	2.70D	1.005	4.20E-11	4.22E-11	1.56E-11	3.7
SR-92	2.71H	1.133	4.36E-12	4.94E-12	6.16E-13	1.2
NB-95	35.06D	1.000	2.06E-10	2.06E-10	3.61E-11	1.8
RU-103	39.35D	1.000	2.57E-11	2.57E-11	2.20E-11	8.6
I-131	8.04D	1.001	2.40E-10	2.40E-10	1.75E-10	7.3
CS-134	2.06Y	1.000	3.62E-10	3.62E-10	1.17E-11	0.3
CS-137	30.17Y	1.000	9.58E-10	9.58E-10	9.16E-10	9.6
CE-141	32.50D	1.000	2.48E-11	2.48E-11	6.88E-12	2.8
CE-144	284.30D	1.000	1.78E-10	1.78E-10	3.75E-11	2.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.92E-10	1.92E-10	1.79E-10	9.3
MN-54	312.70D	1.000	1.55E-10	1.55E-10	7.50E-11	4.8
CO-58	70.8D	1.000	3.59E-10	3.59E-10	1.32E-10	3.7
CO-60	5.27Y	1.000	7.42E-10	7.42E-10	2.50E-10	3.4
ZR-95	64.02D	1.000	1.82E-10	1.82E-10	5.13E-11	2.8
SB-122	2.70D	1.005	4.64E-11	4.66E-11	2.96E-11	6.4
SR-92	2.71H	1.133	4.82E-12	5.46E-12	2.37E-12	4.3
NB-95	35.06D	1.000	2.28E-10	2.28E-10	2.23E-10	9.8
RU-103	39.35D	1.000	2.84E-11	2.84E-11	4.23E-12	1.5
I-131	8.04D	1.001	2.65E-10	2.66E-10	1.17E-10	4.4
CS-134	2.06Y	1.000	4.00E-10	4.00E-10	9.30E-11	2.3
CS-137	30.17Y	1.000	1.06E-09	1.06E-09	7.96E-10	7.5
CE-141	32.50D	1.000	2.74E-11	2.74E-11	2.22E-11	8.1
CE-144	284.30D	1.000	1.96E-10	1.96E-10	4.67E-11	2.4

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF:1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.09E-10	2.09E-10	6.62E-11	3.2
MN-54	312.70D	1.000	1.69E-10	1.69E-10	1.48E-10	8.7
CO-58	70.8D	1.000	3.92E-10	3.92E-10	2.08E-10	5.3
CO-60	5.27Y	1.000	8.09E-10	8.09E-10	7.20E-10	8.9
ZR-95	64.02D	1.000	1.98E-10	1.98E-10	1.61E-10	8.1
SB-122	2.70D	1.005	5.05E-11	5.08E-11	3.00E-11	5.9
SR-92	2.71H	1.133	5.26E-12	5.95E-12	2.06E-12	3.5
NB-95	35.06D	1.000	2.49E-10	2.49E-10	1.82E-10	7.3
RU-103	39.35D	1.000	3.10E-11	3.10E-11	8.03E-12	2.6
I-131	8.04D	1.001	2.89E-10	2.89E-10	3.32E-11	1.1
CS-134	2.06Y	1.000	4.36E-10	4.36E-10	8.43E-12	0.2
CS-137	30.17Y	1.000	1.15E-09	1.15E-09	1.81E-10	1.6
CE-141	32.50D	1.000	4.79E-11	4.79E-11	3.84E-11	8.0
CE-144	284.30D	1.000	2.14E-10	2.14E-10	3.84E-11	1.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:30

Configuration: DUBO:IGAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.26E-10	2.27E-10	1.78E-11	0.8
MN-54	312.70D	1.000	1.83E-10	1.83E-10	7.65E-11	4.2
CO-58	70.8D	1.000	4.39E-10	4.39E-10	1.09E-10	2.5
CO-60	5.27Y	1.000	8.75E-10	8.75E-10	1.85E-10	2.1
ZR-95	64.02D	1.000	2.15E-10	2.15E-10	1.40E-10	5.5
SB-122	2.70D	1.005	5.47E-11	5.50E-11	2.73E-11	5.0
SR-92	2.71H	1.133	5.69E-12	6.44E-12	5.91E-12	9.2
NB-95	35.06D	1.000	2.69E-10	2.69E-10	8.10E-11	3.0
RU-103	39.35D	1.000	3.35E-11	3.35E-11	1.53E-11	4.6
I-131	8.04D	1.001	3.13E-10	3.13E-10	3.13E-10	10.0
CS-134	2.06Y	1.000	4.72E-10	4.72E-10	3.98E-10	8.4
CS-137	30.17Y	1.000	1.25E-09	1.25E-09	1.20E-09	9.6
CE-141	32.50D	1.000	3.38E-11	3.38E-11	1.88E-12	0.6
CE-144	284.30D	1.000	3.82E-10	3.82E-10	3.43E-11	0.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 11:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	0.00 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.44E-10	2.44E-10	2.71E-11	1.1
MN-54	312.70D	1.000	1.97E-10	1.97E-10	6.84E-11	3.5
CO-58	70.8D	1.000	4.56E-10	4.56E-10	3.90E-10	8.6
CO-60	5.27Y	1.000	9.42E-10	9.42E-10	8.90E-10	9.5
ZR-95	64.02D	1.000	3.81E-10	3.81E-10	1.12E-10	2.9
SB-122	2.70D	1.005	5.88E-11	5.91E-11	3.14E-11	5.3
SR-92	2.71H	1.133	6.12E-12	6.93E-12	4.85E-12	7.0
NB-95	35.06D	1.000	2.89E-10	2.89E-10	2.28E-11	0.8
RU-103	39.35D	1.000	3.60E-11	3.60E-11	2.66E-11	7.4
I-131	8.04D	1.001	3.37E-10	3.37E-10	2.41E-10	7.1
CS-134	2.06Y	1.000	5.07E-10	5.07E-10	3.46E-10	6.8
CS-137	30.17Y	1.000	1.34E-09	1.34E-09	5.24E-10	3.9
CE-141	32.50D	1.000	3.48E-11	3.48E-11	7.82E-13	0.2
CE-144	284.30D	1.000	2.49E-10	2.49E-10	2.36E-10	9.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.61E-10	2.61E-10	6.50E-11	2.5
MN-54	312.70D	1.000	2.11E-10	2.11E-10	1.39E-10	6.6
CO-58	70.8D	1.000	4.88E-10	4.88E-10	2.35E-10	4.8
CO-60	5.27Y	1.000	1.01E-09	1.01E-09	4.67E-10	4.6
ZR-95	64.02D	1.000	2.47E-10	2.47E-10	2.41E-11	1.0
SB-122	2.70D	1.005	6.30E-11	6.33E-11	4.90E-13	0.1
SR-92	2.71H	1.133	6.55E-12	7.42E-12	1.18E-12	1.6
NB-95	35.06D	1.000	3.10E-10	3.10E-10	1.84E-10	5.9
RU-103	39.35D	1.000	3.86E-11	3.86E-11	1.59E-11	4.1
I-131	8.04D	1.001	3.60E-10	3.61E-10	3.20E-10	8.9
CS-134	2.06Y	1.000	5.43E-10	5.43E-10	1.53E-10	2.8
CS-137	30.17Y	1.000	1.44E-09	1.44E-09	1.18E-09	8.2
CE-141	32.50D	1.000	3.73E-11	3.73E-11	3.21E-11	8.6
CE-144	284.30D	1.000	2.67E-10	2.67E-10	1.04E-10	3.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.78E-10	2.78E-10	2.24E-10	8.1
MN-54	312.70D	1.000	2.25E-10	2.25E-10	8.09E-11	3.6
CO-58	70.8D	1.000	5.20E-10	5.20E-10	3.75E-10	7.2
CO-60	5.27Y	1.000	1.07E-09	1.07E-09	1.43E-10	1.3
ZR-95	64.02D	1.000	2.64E-10	2.64E-10	6.82E-11	2.6
SB-122	2.70D	1.005	6.72E-11	6.75E-11	6.70E-11	9.9
SR-92	2.71H	1.133	6.98E-12	7.91E-12	6.97E-12	8.8
NB-95	35.06D	1.000	3.30E-10	3.30E-10	2.39E-10	7.2
RU-103	39.35D	1.000	4.11E-11	4.11E-11	3.95E-11	9.6
I-131	8.04D	1.001	3.84E-10	3.85E-10	2.23E-12	0.1
CS-134	2.06Y	1.000	5.79E-10	5.79E-10	1.51E-10	2.6
CS-137	30.17Y	1.000	1.53E-09	1.53E-09	2.31E-10	1.5
CE-141	32.50D	1.000	3.97E-11	3.97E-11	2.53E-11	6.4
CE-144	284.30D	1.000	2.84E-10	2.84E-10	4.89E-11	1.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	4.75E-10	4.76E-10	7.22E-11	1.5
MN-54	312.70D	1.000	3.89E-10	3.89E-10	2.81E-10	7.2
CO-58	70.8D	1.000	5.53E-10	5.53E-10	2.33E-10	4.2
CO-60	5.27Y	1.000	1.14E-09	1.14E-09	8.99E-10	7.9
ZR-95	64.02D	1.000	2.80E-10	2.80E-10	2.19E-11	0.8
SB-122	2.70D	1.005	7.13E-11	7.17E-11	2.31E-11	3.2
SR-92	2.71H	1.133	7.42E-12	8.40E-12	6.84E-12	8.1
NB-95	35.06D	1.000	3.51E-10	3.51E-10	1.81E-10	5.2
RU-103	39.35D	1.000	4.37E-11	4.37E-11	2.88E-11	6.6
I-131	8.04D	1.001	4.08E-10	4.08E-10	2.45E-10	6.0
CS-134	2.06Y	1.000	6.15E-10	6.15E-10	2.22E-10	3.6
CS-137	30.17Y	1.000	1.63E-09	1.63E-09	1.54E-09	9.4
CE-141	32.50D	1.000	4.22E-11	4.22E-11	3.48E-11	8.3
CE-144	284.30D	1.000	3.02E-10	3.02E-10	2.22E-10	7.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 12:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFI: V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	HLife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.12E-10	3.13E-10	2.63E-10	8.4
MN-54	312.70D	1.000	2.53E-10	2.53E-10	1.76E-10	6.9
CO-58	70.8D	1.000	5.85E-10	5.85E-10	4.42E-10	7.6
CO-60	5.27Y	1.000	1.21E-09	1.21E-09	8.30E-10	6.9
ZR-95	64.02D	1.000	4.76E-10	4.76E-10	1.48E-10	3.1
SB-122	2.70D	1.005	7.55E-11	7.58E-11	4.99E-11	6.6
SR-92	2.71H	1.133	7.85E-12	8.89E-12	5.39E-13	0.6
NB-95	35.06D	1.000	3.71E-10	3.71E-10	3.25E-10	8.8
RU-103	39.35D	1.000	4.62E-11	4.62E-11	1.07E-12	0.2
I-131	8.04D	1.001	4.32E-10	4.32E-10	1.71E-10	4.0
CS-134	2.06Y	1.000	6.51E-10	6.51E-10	2.77E-10	4.3
CS-137	30.17Y	1.000	1.72E-09	1.72E-09	1.35E-09	7.8
CE-141	32.50D	1.000	4.46E-11	4.46E-11	1.94E-11	4.3
CE-144	284.30D	1.000	3.20E-10	3.20E-10	1.25E-10	3.9

Annual Exercise

VAX/VMS Nuclide identification Report V1.5 Generated 6-Dec-89 13:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.48E-10	3.48E-10	2.23E-10	6.4
MN-54	312.70D	1.000	2.67E-10	2.67E-10	2.11E-10	7.9
CO-58	70.8D	1.000	6.17E-10	6.17E-10	4.09E-12	0.1
CO-60	5.27Y	1.000	1.27E-09	1.27E-09	3.51E-10	2.8
ZR-95	64.02D	1.000	3.13E-10	3.13E-10	1.97E-10	6.3
SB-122	2.70D	1.005	7.96E-11	8.00E-11	3.43E-11	4.3
SR-92	2.71H	1.133	8.28E-12	9.38E-12	6.98E-12	7.4
NB-95	35.06D	1.000	3.92E-10	3.92E-10	1.09E-10	2.8
RU-103	39.35D	1.000	4.88E-11	4.88E-11	4.46E-11	9.1
I-131	8.04D	1.001	4.56E-10	4.56E-10	2.72E-10	6.0
CS-134	2.06Y	1.000	6.87E-10	6.87E-10	4.60E-10	6.7
CS-137	30.17Y	1.000	1.82E-09	1.82E-09	1.04E-09	5.7
CE-141	32.50D	1.000	4.71E-11	4.71E-11	2.56E-12	0.5
CE-144	284.30D	1.000	3.37E-10	3.37E-10	1.40E-10	4.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 13:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.47E-10	3.47E-10	8.34E-11	2.4
MN-54	312.70D	1.000	2.81E-10	2.81E-10	2.58E-10	9.2
CO-58	70.8D	1.000	6.49E-10	6.49E-10	4.65E-10	7.2
CO-60	5.27Y	1.000	1.34E-09	1.34E-09	3.35E-10	2.5
ZR-95	64.02D	1.000	3.29E-10	3.29E-10	3.01E-10	9.2
SB-122	2.70D	1.005	8.38E-11	8.42E-11	2.99E-11	3.6
SR-92	2.71H	1.133	8.71E-12	9.87E-12	7.23E-12	7.3
NB-95	35.06D	1.000	4.12E-10	4.12E-10	3.99E-10	9.7
RU-103	39.35D	1.000	5.13E-11	5.13E-11	2.00E-11	3.9
I-131	8.04D	1.001	4.79E-10	4.80E-10	2.89E-10	6.0
CS-134	2.06Y	1.000	7.22E-10	7.22E-10	2.21E-10	3.1
CS-137	30.17Y	1.000	1.91E-09	1.91E-09	1.42E-09	7.4
CE-141	32.50D	1.000	4.95E-11	4.95E-11	1.89E-11	3.8
CE-144	284.30D	1.000	3.55E-10	3.55E-10	2.01E-10	5.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 13:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: PARTICULATE

Sample Geometry: Planchett 3 cm

Detector Name: PGT_SN2098

Detector Geometry: Planchett 3 c

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.47E-10	3.47E-10	1.24E-11	0.4
MN-54	312.70D	1.000	2.81E-10	2.81E-10	2.66E-10	9.5
CO-58	70.8D	1.000	6.49E-10	6.49E-10	1.78E-12	0.0
CO-60	5.27Y	1.000	1.34E-09	1.34E-09	1.08E-10	0.8
ZR-95	64.02D	1.000	3.29E-10	3.29E-10	2.12E-10	6.4
SB-122	2.70D	1.005	8.38E-11	8.42E-11	8.33E-11	9.9
SR-92	2.71H	1.133	8.71E-12	9.87E-12	7.31E-12	7.4
NB-95	35.06D	1.000	4.12E-10	4.12E-10	3.37E-10	8.2
RU-103	39.35D	1.000	5.13E-11	5.13E-11	3.54E-11	6.9
I-131	8.04D	1.001	4.79E-10	4.80E-10	4.50E-10	9.4
CS-134	2.06Y	1.000	7.22E-10	7.22E-10	1.73E-10	2.4
CS-137	30.17Y	1.000	1.91E-09	1.91E-09	5.43E-10	2.8
CE-141	32.50D	1.000	4.95E-11	4.95E-11	3.20E-11	6.5
CE-144	284.30D	1.000	3.55E-10	3.55E-10	6.17E-11	1.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

4:00

Configuration: DUBO:IGAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.60E-10	1.60E-10	1.84E-12	0.1
XE-133	5.24D	1.003	1.98E-10	1.99E-10	6.00E-11	3.0
XE-131M	2.19D	1.002	1.54E-10	1.54E-10	5.55E-11	3.6

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

9:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	7.11E-10	7.11E-10	6.83E-10	9.6
XE-133	5.24D	1.003	1.98E-10	1.99E-10	7.97E-12	0.4
XE-131M	2.19D	1.002	1.54E-10	1.54E-10	5.69E-11	3.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

9:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.40E+00	1.40E+00	7.23E-01	5.2
XE-133	5.24D	1.003	6.93E-09	6.95E-09	4.56E-09	6.6
XE-131M	2.19D	1.002	5.25E-06	5.26E-06	1.50E-06	2.8

Annual Exercise

VAX/VMS Nuclide identification Report V1.5 Generated

6-Dec-89

10:00

Configuration: DUBO:IGAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	3.10E+00	3.10E+00	2.81E+00	9.1
XE-133	5.24D	1.003	1.53E-08	1.54E-08	5.08E-09	3.3
XE-131M	2.19D	1.002	1.16E-05	1.16E-05	6.33E-07	0.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	2.70E+00	2.70E+00	8.90E-01	3.3
XE-133	5.24D	1.003	1.34E-08	1.34E-08	9.08E-10	0.7
XE-131M	2.19D	1.002	1.01E-05	1.01E-05	7.35E-06	7.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.80E+00	1.80E+00	1.00E+00	5.6
XE-133	5.24D	1.003	8.91E-09	8.94E-09	7.28E-09	8.1
XE-131M	2.19D	1.002	6.75E-06	6.76E-06	4.57E-06	6.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	9.10E-01	9.10E-01	8.48E-01	9.3
XE-133	5.24D	1.003	4.50E-09	4.52E-09	3.05E-09	6.7
XE-131M	2.19D	1.002	3.41E-06	3.42E-06	9.93E-07	2.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.50E-01	1.50E-01	5.39E-02	3.6
XE-133	5.24D	1.003	7.43E-10	7.45E-10	6.03E-10	8.1
XE-131M	2.19D	1.002	5.63E-07	5.64E-07	1.79E-07	3.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	9.10E-02	9.10E-02	3.52E-02	3.9
XE-133	5.24D	1.003	4.50E-10	4.52E-10	3.97E-10	8.8
XE-131M	2.19D	1.002	3.41E-07	3.42E-07	1.29E-07	3.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.80E-02	1.80E-02	9.56E-03	5.3
XE-133	5.24D	1.003	8.91E-11	8.94E-11	5.66E-11	6.3
XE-131M	2.19D	1.002	6.75E-08	6.76E-08	1.39E-08	2.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	0.00 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	2.80E-03	2.80E-03	1.64E-04	0.6
XE-133	5.24D	1.003	1.39E-11	1.39E-11	7.52E-12	5.4
XE-131M	2.19D	1.002	1.05E-08	1.05E-08	3.43E-09	3.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	3.10E-04	3.10E-04	9.55E-05	3.1
XE-133	5.24D	1.003	1.53E-12	1.54E-12	1.45E-12	9.4
XE-131M	2.19D	1.002	1.16E-09	1.16E-09	4.09E-11	0.4

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: FSB AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	2.50E-05	2.50E-05	6.96E-06	2.8
XE-133	5.24D	1.003	1.24E-13	1.24E-13	2.38E-14	1.9
XE-131M	2.19D	1.002	9.38E-11	9.39E-11	7.71E-11	8.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 9:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.44E-05	3.44E-05	1.93E-05	5.6
MN-54	312.70D	1.000	2.79E-05	2.79E-05	1.06E-05	3.8
CO-58	70.8D	1.000	6.44E-05	6.44E-05	2.29E-05	3.5
CO-60	5.27Y	1.000	1.33E-04	1.33E-04	2.61E-05	2.0
ZR-95	64.02D	1.000	3.26E-05	3.26E-05	2.51E-06	0.8
SB-122	2.70D	1.005	8.31E-06	8.35E-06	2.59E-06	3.1
SR-92	2.71H	1.133	8.64E-07	9.79E-07	3.98E-07	4.1
NB-95	35.06D	1.000	4.09E-05	4.09E-05	6.08E-06	1.5
RU-103	39.35D	1.000	5.09E-06	5.09E-06	3.92E-07	0.8
I-131	8.04D	1.001	4.75E-07	4.76E-07	4.41E-07	9.3
CS-134	2.06Y	1.000	7.17E-05	7.17E-05	2.92E-05	4.1
CS-137	30.17Y	1.000	1.90E-04	1.90E-04	1.32E-04	6.9
CE-141	32.50D	1.000	4.91E-06	4.91E-06	4.67E-06	9.5
CE-144	284.30D	1.000	3.52E-05	3.52E-05	5.42E-07	0.2
KR-85	10.51Y	1.000	1.32E-04	1.32E-04	6.90E-05	5.2
XE-133	5.24D	1.003	2.48E-03	2.49E-03	1.41E-03	5.7
XE-131M	2.19D	1.002	7.80E-06	7.82E-06	4.62E-06	5.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated 6-Dec-89 9:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: SPENT FUEL POOL

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 50 ml

Sample Type: LIQUID

Sample Geometry: 50 ml Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 50 ml Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	5.21E-05	5.21E-05	1.80E-05	3.5
MN-54	312.70D	1.000	4.22E-05	4.22E-05	1.51E-05	3.6
CO-58	70.8D	1.000	9.75E-05	9.75E-05	2.16E-05	2.2
CO-60	5.27Y	1.000	2.01E-04	2.01E-04	1.14E-04	5.7
ZR-95	64.02D	1.000	4.94E-05	4.94E-05	3.72E-05	7.5
SB-122	2.70D	1.005	1.26E-05	1.26E-05	9.23E-07	0.7
SR-92	2.71H	1.133	1.31E-06	1.48E-06	6.01E-07	4.1
NB-95	35.06D	1.000	6.19E-05	6.19E-05	3.58E-05	5.8
RU-103	39.35D	1.000	7.71E-06	7.71E-06	1.70E-06	2.2
I-131	8.04D	1.001	7.20E-07	7.20E-07	4.88E-07	6.8
CS-134	2.06Y	1.000	1.08E-04	1.08E-04	2.11E-05	1.9
CS-137	30.17Y	1.000	2.87E-04	2.87E-04	2.59E-04	9.0
CE-141	32.50D	1.000	7.44E-06	7.44E-06	4.68E-06	6.3
CE-144	284.30D	1.000	5.33E-05	5.33E-05	3.53E-05	6.6
KR-85	10.51Y	1.000	2.00E-04	2.00E-04	1.87E-04	9.3
XE-133	5.24D	1.003	3.75E-03	3.77E-03	6.92E-05	0.2
XE-131M	2.19D	1.002	1.18E-05	1.18E-05	8.09E-06	6.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

9:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.78E-10	1.78E-10	2.51E-11	1.4
XE-133	5.24D	1.003	4.96E-11	4.97E-11	4.59E-12	0.9
XE-131M	2.19D	1.002	3.85E-11	3.85E-11	1.20E-11	3.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

9:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	3.50E-01	3.50E-01	8.78E-02	2.5
XE-133	5.24D	1.003	4.33E-10	4.34E-10	6.04E-11	1.4
XE-131M	2.19D	1.002	3.28E-07	3.29E-07	3.23E-07	9.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	7.75E-01	7.75E-01	3.78E-01	4.9
XE-133	5.24D	1.003	9.59E-10	9.62E-10	5.33E-10	5.5
XE-131M	2.19D	1.002	7.27E-07	7.28E-07	6.27E-07	8.6

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Half	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	6.75E-01	6.75E-01	5.87E-01	8.7
XE-133	5.24D	1.003	8.35E-10	8.38E-10	2.55E-10	3.0
XE-131M	2.19D	1.002	6.33E-07	6.34E-07	4.62E-07	7.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	4.50E-01	4.50E-01	8.10E-02	1.8
XE-133	5.24D	1.003	5.57E-10	5.59E-10	3.11E-10	5.6
XE-131M	2.19D	1.002	4.22E-07	4.23E-07	2.60E-07	6.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Half-life	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	2.28E-01	2.28E-01	1.66E-01	7.3
XE-133	5.24D	1.003	2.82E-10	2.82E-10	4.92E-11	1.7
XE-131M	2.19D	1.002	2.13E-07	2.14E-07	1.83E-07	8.6

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF:1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	3.75E-02	3.75E-02	1.62E-02	4.3
XE-133	5.24D	1.003	4.64E-11	4.65E-11	3.66E-11	7.9
XE-131M	2.19D	1.002	3.52E-08	3.52E-08	1.41E-08	4.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	2.28E-02	2.28E-02	1.52E-02	6.7
XE-133	5.24D	1.003	2.82E-11	2.82E-11	1.56E-11	5.5
XE-131M	2.19D	1.002	2.13E-08	2.14E-08	5.57E-10	0.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	4.50E-03	4.50E-03	1.27E-03	2.8
XE-133	5.24D	1.003	5.57E-12	5.59E-12	4.81E-12	8.6
XE-131M	2.19D	1.002	4.22E-09	4.23E-09	5.13E-10	1.2

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	33	0.00 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	7.00E-04	7.00E-04	7.33E-05	1.0
XE-133	5.24D	1.003	8.66E-13	8.69E-13	1.08E-13	1.2
XE-131M	2.19D	1.002	6.56E-10	6.58E-10	2.96E-10	4.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 5-DEC-1989

Sample ID: 3238_6DEC39

Sample Type: Air

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 1220 cc

Sample Geometry: 1L Marinelli

Detector Geometry: 1L Marinelli

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	7.75E-05	7.75E-05	5.50E-06	0.7
XE-133	5.24D	1.003	9.59E-14	9.62E-14	1.93E-14	2.0
XE-131M	2.19D	1.002	7.27E-11	7.28E-11	7.11E-11	9.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF:1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 323E_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	6.25E-06	6.25E-06	1.34E-06	2.1
XE-133	5.24D	1.003	7.73E-15	7.76E-15	2.49E-15	3.2
XE-131M	2.19D	1.002	5.86E-12	5.87E-12	9.70E-13	1.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	3.75E-07	3.75E-07	2.80E-08	0.7
XE-133	5.24D	1.003	4.64E-16	4.65E-16	2.58E-16	5.6
XE-131M	2.19D	1.002	3.52E-13	3.52E-13	3.16E-14	0.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	1.78E-08	1.78E-08	7.86E-09	4.4
XE-133	5.24D	1.003	2.20E-17	2.20E-17	1.73E-17	7.9
XE-131M	2.19D	1.002	1.66E-14	1.67E-14	1.12E-15	0.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

13:00

Configuration: DUBO:[C:\MMASPEC.CONFIG\13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	6.50E-10	6.50E-10	3.85E-10	5.9
XE-133	5.24D	1.003	8.04E-19	8.07E-19	1.95E-19	2.4
XE-131M	2.19D	1.002	6.09E-16	6.11E-16	2.02E-16	3.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

13:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	HLife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Frr	2-Sigma %Error
KR-85	10.51Y	1.000	4.00E-11	4.00E-11	1.52E-11	3.8
XE-133	5.24D	1.003	4.95E-20	4.96E-20	3.46E-20	7.0
XE-131M	2.19D	1.002	3.75E-17	3.76E-17	1.12E-18	0.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

13:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Half-life	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	4.00E-11	4.00E-11	1.45E-11	3.6
XE-133	5.24D	1.003	4.95E-20	4.96E-20	1.43E-20	2.9
XE-131M	2.19D	1.002	3.75E-17	3.76E-17	1.16E-17	3.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

4:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.42E-11	2.43E-11	8.05E-12	3.3
MN-54	312.70D	1.000	3.37E-11	3.37E-11	2.87E-11	8.5
CO-58	70.8D	1.000	2.01E-11	2.01E-11	1.26E-11	6.3
CO-60	5.27Y	1.000	4.16E-11	4.16E-11	1.48E-12	0.4
ZR-95	64.02D	1.000	1.02E-11	1.02E-11	5.93E-12	5.8
SB-122	2.70D	1.005	2.60E-12	2.61E-12	1.39E-14	0.1
OR-92	2.71H	1.133	2.70E-13	3.06E-13	1.77E-13	5.8
NB-95	35.06D	1.000	1.28E-13	1.28E-13	2.86E-14	2.2
RU-103	39.35D	1.000	1.59E-13	1.59E-13	7.42E-14	4.7
I-131	8.04D	1.001	1.49E-12	1.49E-12	3.26E-13	2.2
CS-134	2.06Y	1.000	2.24E-12	2.24E-12	6.56E-13	2.9
CS-137	30.17Y	1.000	5.93E-12	5.93E-12	1.98E-12	3.3
CE-141	32.50D	1.000	1.54E-10	1.54E-10	1.04E-10	6.7
CE-144	284.30D	1.000	1.10E-09	1.10E-09	3.61E-10	3.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

9:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	33	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.15E-12	2.15E-12	2.65E-13	1.2
MN-54	312.70D	1.000	1.74E-12	1.74E-12	5.97E-13	3.4
CO-58	70.8D	1.000	4.03E-12	4.03E-12	1.70E-12	4.2
CO-60	5.27Y	1.000	8.31E-12	8.31E-12	7.14E-12	8.6
ZR-95	64.02D	1.000	2.04E-12	2.04E-12	2.51E-13	1.2
SB-122	2.70D	1.005	5.19E-13	5.22E-13	2.42E-13	4.6
SR-92	2.71H	1.133	5.40E-14	6.12E-14	4.92E-14	8.0
NB-95	35.06D	1.000	2.56E-12	2.56E-12	4.26E-14	0.2
RU-103	39.35D	1.000	3.18E-13	3.18E-13	2.74E-13	8.6
I-131	8.04D	1.001	2.97E-12	2.97E-12	1.17E-12	3.9
CS-134	2.06Y	1.000	4.48E-12	4.48E-12	2.36E-12	5.3
CS-137	30.17Y	1.000	1.19E-11	1.19E-11	4.63E-12	3.9
CE-141	32.50D	1.000	3.07E-13	3.07E-13	1.39E-13	4.5
CE-144	284.30D	1.000	2.20E-12	2.20E-12	4.40E-13	2.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

9:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	3.25E-12	3.26E-12	2.24E-12	6.9
MN-54	312.70D	1.000	2.64E-12	2.64E-12	1.49E-12	5.6
CO-58	70.8D	1.000	6.09E-12	6.09E-12	1.76E-12	2.9
CO-60	5.27Y	1.000	1.26E-11	1.26E-11	2.99E-12	2.4
ZR-95	64.02D	1.000	3.09E-12	3.09E-12	1.23E-12	4.0
SB-122	2.70D	1.005	7.86E-13	7.90E-13	5.43E-13	6.9
SR-92	2.71H	1.133	8.18E-14	9.26E-14	4.32E-14	4.7
NB-95	35.06D	1.000	3.87E-12	3.87E-12	1.41E-12	3.7
RU-103	39.35D	1.000	4.82E-13	4.82E-13	2.64E-13	5.5
I-131	8.04D	1.001	4.50E-12	4.50E-12	2.16E-12	4.8
CS-134	2.06Y	1.000	6.78E-12	6.78E-12	2.23E-13	0.3
CS-137	30.17Y	1.000	1.79E-11	1.79E-11	1.63E-11	9.1
CE-141	32.50D	1.000	4.65E-13	4.65E-13	1.35E-13	2.9
CE-144	284.30D	1.000	3.33E-12	3.33E-12	2.35E-12	7.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	5.26E-12	5.26E-12	4.83E-12	9.2
MN-54	312.70D	1.000	4.26E-12	4.26E-12	1.19E-12	2.8
CO-58	70.8D	1.000	9.84E-12	9.84E-12	2.07E-12	2.1
CO-60	5.27Y	1.000	2.03E-11	2.03E-11	5.54E-12	2.7
ZR-95	64.02D	1.000	4.98E-12	4.98E-12	4.14E-12	8.3
SB-122	2.70D	1.005	1.27E-12	1.28E-12	1.12E-12	8.8
SR-92	2.71H	1.133	1.32E-13	1.50E-13	5.00E-14	3.3
NB-95	35.06D	1.000	6.25E-12	6.25E-12	7.15E-13	1.1
RU-103	39.35D	1.000	7.78E-13	7.78E-13	5.45E-13	7.0
I-131	8.04D	1.001	7.26E-12	7.27E-12	2.81E-13	0.4
CS-134	2.06Y	1.000	1.09E-11	1.09E-11	3.13E-12	2.9
CS-137	30.17Y	1.000	2.90E-11	2.90E-11	2.57E-11	8.9
CE-141	32.50D	1.000	7.51E-13	7.51E-13	3.60E-13	4.8
CE-144	284.30D	1.000	5.38E-12	5.38E-12	2.57E-12	4.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 10:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	7.38E-12	7.39E-12	3.62E-12	4.9
MN-54	312.70D	1.000	5.98E-12	5.98E-12	9.49E-13	1.6
CO-58	70.8D	1.000	1.38E-11	1.38E-11	8.91E-12	6.5
CO-60	5.27Y	1.000	2.85E-11	2.85E-11	2.03E-11	7.1
ZR-95	64.02D	1.000	7.00E-12	7.00E-12	1.11E-12	1.6
SB-122	2.70D	1.005	1.78E-12	1.79E-12	5.93E-13	3.3
SR-92	2.71H	1.133	2.98E-13	3.38E-13	2.29E-14	0.7
NB-95	35.06D	1.000	8.77E-12	8.77E-12	6.00E-12	6.8
RU-103	39.35D	1.000	1.09E-12	1.09E-12	1.00E-12	9.2
I-131	8.04D	1.001	1.02E-11	1.02E-11	3.07E-13	0.3
CS-134	2.06Y	1.000	1.54E-11	1.54E-11	1.16E-11	7.6
CS-137	30.17Y	1.000	4.07E-11	4.07E-11	9.23E-12	2.3
CE-141	32.50D	1.000	1.05E-12	1.05E-12	1.04E-12	9.9
CE-144	284.30D	1.000	7.55E-12	7.55E-12	4.77E-12	6.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

10:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	9.35E-12	9.36E-12	8.42E-12	9.0
MN-54	312.70D	1.000	7.57E-12	7.57E-12	4.69E-13	0.6
CO-58	70.8D	1.000	1.75E-11	1.75E-11	1.66E-11	9.5
CO-60	5.27Y	1.000	3.61E-11	3.61E-11	3.47E-11	9.6
ZR-95	64.02D	1.000	8.86E-12	8.86E-12	7.36E-12	8.3
SB-122	2.70D	1.005	2.26E-12	2.27E-12	4.23E-13	1.9
SR-92	2.71H	1.133	2.35E-13	2.66E-13	3.29E-14	1.2
NB-95	35.06D	1.000	1.11E-11	1.11E-11	7.49E-12	6.7
RU-103	39.35D	1.000	1.38E-12	1.38E-12	1.78E-14	0.1
I-131	8.04D	1.001	1.29E-11	1.29E-11	3.91E-12	3.0
CS-134	2.06Y	1.000	1.95E-11	1.95E-11	1.89E-11	9.7
CS-137	30.17Y	1.000	5.15E-11	5.15E-11	2.56E-11	5.0
CE-141	32.50D	1.000	1.34E-12	1.34E-12	2.11E-13	1.6
CE-144	284.30D	1.000	9.56E-12	9.56E-12	7.32E-12	7.7

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 10:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.09E-11	1.09E-11	1.04E-11	9.5
MN-54	312.70D	1.000	8.79E-12	8.79E-12	8.91E-14	0.1
CO-58	70.8D	1.000	2.03E-11	2.03E-11	1.44E-11	7.1
CO-60	5.27Y	1.000	4.20E-11	4.20E-11	3.72E-11	8.9
ZR-95	64.02D	1.000	1.03E-11	1.03E-11	5.57E-13	0.5
SB-122	2.70D	1.005	2.62E-12	2.64E-12	2.46E-12	9.4
SR-92	2.71H	1.133	2.73E-13	3.09E-13	2.66E-13	7.7
NB-95	35.06D	1.000	1.29E-11	1.29E-11	1.02E-11	10.0
RU-103	39.35D	1.000	1.61E-12	1.61E-12	7.38E-13	4.6
I-131	8.04D	1.001	1.50E-11	1.50E-11	1.04E-11	7.0
CS-134	2.06Y	1.000	2.26E-11	2.26E-11	3.06E-12	1.4
CS-137	30.17Y	1.000	5.99E-11	5.99E-11	7.30E-12	1.2
CE-141	32.50D	1.000	1.55E-12	1.55E-12	1.98E-13	1.3
CE-144	284.30D	1.000	1.11E-11	1.11E-11	5.93E-12	5.3

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 11:00

Configuration: DUBO:IGAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WHGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.20E-11	1.20E-11	7.12E-12	5.9
MN-54	312.70D	1.000	9.72E-12	9.72E-12	1.17E-13	0.1
CO-58	70.8D	1.000	2.25E-11	2.25E-11	9.77E-12	4.3
CO-60	5.27Y	1.000	4.64E-11	4.64E-11	1.10E-11	2.4
ZR-95	64.02D	1.000	1.14E-11	1.14E-11	4.35E-14	0.0
SB-122	2.70D	1.005	2.90E-12	2.91E-12	2.16E-12	7.4
SR-92	2.71H	1.133	3.01E-13	3.41E-13	5.58E-14	1.6
NB-95	35.06D	1.000	1.43E-11	1.43E-11	4.90E-12	3.4
RU-103	39.35D	1.000	1.78E-12	1.78E-12	1.19E-12	6.7
I-131	8.04D	1.001	1.66E-11	1.66E-11	1.34E-11	3.1
CS-134	2.06Y	1.000	2.50E-11	2.50E-11	1.91E-11	7.2
CS-137	30.17Y	1.000	6.62E-11	6.62E-11	3.28E-11	5.0
CE-141	32.50D	1.000	1.71E-12	1.71E-12	2.83E-13	1.7
CE-144	284.30D	1.000	1.23E-11	1.23E-11	2.55E-12	2.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 11:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Half	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.31E-11	1.31E-11	8.85E-12	6.8
MN-54	312.70D	1.000	1.06E-11	1.06E-11	8.93E-12	8.4
CO-58	70.8D	1.000	2.45E-11	2.45E-11	1.42E-11	5.8
CO-60	5.27Y	1.000	5.06E-11	5.06E-11	3.38E-11	6.7
ZR-95	64.02D	1.000	1.24E-11	1.24E-11	7.98E-13	0.6
SB-122	2.70D	1.005	3.16E-12	3.17E-12	2.09E-12	6.6
SR-92	2.71H	1.133	3.28E-13	3.72E-13	1.71E-13	4.6
NB-95	35.06D	1.000	1.55E-11	1.55E-11	8.96E-13	0.6
RU-103	39.35D	1.000	1.93E-12	1.93E-12	1.56E-12	8.1
I-131	8.04D	1.001	1.81E-11	1.81E-11	4.08E-12	2.3
CS-134	2.06Y	1.000	2.72E-11	2.72E-11	1.58E-11	5.8
CS-137	30.17Y	1.000	7.21E-11	7.21E-11	2.88E-11	4.0
CE-141	32.50D	1.000	2.99E-12	2.99E-12	8.18E-13	2.7
CE-144	284.30D	1.000	1.34E-11	1.34E-11	1.27E-11	9.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 11:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.42E-11	1.42E-11	4.72E-12	3.3
MN-54	312.70D	1.000	1.15E-11	1.15E-11	5.14E-12	4.5
CO-58	70.8D	1.000	2.74E-11	2.74E-11	9.82E-12	3.6
CO-60	5.27Y	1.000	5.47E-11	5.47E-11	2.26E-11	4.1
ZR-95	64.02D	1.000	1.34E-11	1.34E-11	1.17E-11	8.8
SB-122	2.70D	1.005	3.42E-12	3.44E-12	2.78E-12	8.1
SR-92	2.71H	1.133	3.55E-13	4.03E-13	3.29E-13	8.2
NB-95	35.06D	1.000	1.68E-11	1.68E-11	1.31E-11	7.8
RU-103	39.35D	1.000	2.09E-12	2.09E-12	9.59E-13	4.6
I-131	8.04D	1.001	1.96E-11	1.96E-11	1.24E-11	6.3
CS-134	2.06Y	1.000	2.95E-11	2.95E-11	8.08E-12	2.7
CS-137	30.17Y	1.000	7.80E-11	7.80E-11	6.25E-11	8.0
CE-141	32.50D	1.000	2.12E-12	2.12E-12	8.36E-13	4.0
CE-144	284.30D	1.000	2.39E-11	2.39E-11	5.80E-12	2.4

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

11:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	0.00 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.52E-11	1.52E-11	5.29E-12	3.5
MN-54	312.70D	1.000	1.23E-11	1.23E-11	8.95E-12	7.3
CO-58	70.8D	1.000	2.85E-11	2.85E-11	1.88E-11	6.6
CO-60	5.27Y	1.000	5.89E-11	5.89E-11	5.20E-11	8.8
ZR-95	64.02D	1.000	2.38E-11	2.38E-11	1.35E-11	5.7
SB-122	2.70D	1.005	3.68E-12	3.70E-12	1.90E-12	5.1
SR-92	2.71H	1.133	3.82E-13	4.33E-13	1.74E-13	4.0
NB-95	35.06D	1.000	1.81E-11	1.81E-11	4.66E-12	2.6
RU-103	39.35D	1.000	2.25E-12	2.25E-12	1.07E-12	4.7
I-131	8.04D	1.001	2.10E-11	2.11E-11	9.26E-12	4.4
CS-134	2.06Y	1.000	3.17E-11	3.17E-11	2.29E-11	7.2
CS-137	30.17Y	1.000	8.40E-11	8.40E-11	2.30E-11	2.7
CE-141	32.50D	1.000	2.17E-12	2.17E-12	1.88E-12	8.6
CE-144	284.30D	1.000	1.56E-11	1.56E-11	2.92E-12	1.9

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.63E-11	1.63E-11	3.35E-12	2.1
MN-54	312.70D	1.000	1.32E-11	1.32E-11	7.72E-12	5.9
CO-58	70.8D	1.000	3.05E-11	3.05E-11	4.03E-12	1.3
CO-60	5.27Y	1.000	6.30E-11	6.30E-11	5.63E-11	8.9
ZR-95	64.02D	1.000	1.55E-11	1.55E-11	1.06E-11	6.9
SB-122	2.70D	1.005	3.94E-12	3.96E-12	3.96E-12	10.0
SR-92	2.71H	1.133	4.09E-13	4.64E-13	3.42E-13	7.4
NB-95	35.06D	1.000	1.94E-11	1.94E-11	1.27E-11	6.5
RU-103	39.35D	1.000	2.41E-12	2.41E-12	3.03E-13	1.3
I-131	8.04D	1.001	2.25E-11	2.25E-11	7.78E-12	3.5
CS-134	2.06Y	1.000	3.40E-11	3.40E-11	1.40E-11	4.1
CS-137	30.17Y	1.000	8.99E-11	8.99E-11	6.96E-11	7.7
CE-141	32.50D	1.000	2.33E-12	2.33E-12	1.69E-13	0.7
CE-144	284.30D	1.000	1.67E-11	1.67E-11	1.29E-11	7.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.74E-11	1.74E-11	1.32E-11	7.6
MN-54	312.70D	1.000	1.41E-11	1.41E-11	1.38E-11	9.8
CO-58	70.8D	1.000	3.25E-11	3.25E-11	9.98E-12	3.1
CO-60	5.27Y	1.000	6.72E-11	6.72E-11	2.74E-11	4.1
ZR-95	64.02D	1.000	1.65E-11	1.65E-11	3.07E-12	1.9
SB-122	2.70D	1.005	4.20E-12	4.22E-12	2.49E-12	5.9
SR-92	2.71H	1.133	4.37E-13	4.95E-13	3.94E-14	0.8
NB-95	35.06D	1.000	2.06E-11	2.06E-11	1.17E-11	5.6
RU-103	39.35D	1.000	2.57E-12	2.57E-12	8.02E-13	3.1
I-131	8.04D	1.001	2.40E-11	2.40E-11	5.90E-12	2.5
CS-134	2.06Y	1.000	3.62E-11	3.62E-11	2.00E-12	0.6
CS-137	30.17Y	1.000	9.58E-11	9.58E-11	3.09E-11	3.2
CE-141	32.50D	1.000	2.48E-12	2.48E-12	8.11E-13	3.3
CE-144	284.30D	1.000	1.78E-11	1.78E-11	9.06E-12	5.1

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 12:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.97E-11	2.97E-11	9.05E-12	3.0
MN-54	312.70D	1.000	2.43E-11	2.43E-11	2.16E-11	8.9
CO-58	70.8D	1.000	3.45E-11	3.45E-11	1.54E-11	4.5
CO-60	5.27Y	1.000	7.13E-11	7.13E-11	7.34E-12	1.0
ZR-95	64.02D	1.000	1.75E-11	1.75E-11	6.73E-12	3.8
SB-122	2.70D	1.005	4.46E-12	4.48E-12	3.52E-12	7.9
SR-92	2.71H	1.133	4.64E-13	5.25E-13	3.44E-13	6.6
NB-95	35.06D	1.000	2.19E-11	2.19E-11	6.70E-12	3.1
RU-103	39.35D	1.000	2.73E-12	2.73E-12	1.56E-12	5.7
I-131	8.04D	1.001	2.55E-11	2.55E-11	2.05E-11	8.0
CS-134	2.06Y	1.000	3.84E-11	3.84E-11	2.54E-11	6.6
CS-137	30.17Y	1.000	1.02E-10	1.02E-10	4.67E-11	4.6
CE-141	32.50D	1.000	2.64E-12	2.64E-12	1.27E-12	4.8
CE-144	284.30D	1.000	1.89E-11	1.89E-11	1.22E-11	6.5

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

12:45

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	1.95E-11	1.95E-11	1.67E-11	8.5
MN-54	312.70D	1.000	1.58E-11	1.58E-11	1.25E-11	7.9
CO-58	70.8D	1.000	3.66E-11	3.66E-11	2.69E-11	7.4
CO-60	5.27Y	1.000	7.55E-11	7.55E-11	1.71E-11	2.3
ZR-95	64.02D	1.000	2.98E-11	2.98E-11	5.20E-12	1.7
SB-122	2.70D	1.005	4.72E-12	4.74E-12	1.13E-12	2.4
SR-92	2.71H	1.133	4.91E-13	5.56E-13	1.94E-13	3.5
NB-95	35.06D	1.000	2.32E-11	2.32E-11	1.58E-11	6.8
RU-103	39.35D	1.000	2.89E-12	2.89E-12	1.67E-12	5.8
I-131	8.04D	1.001	2.70E-11	2.70E-11	1.58E-11	5.9
CS-134	2.06Y	1.000	4.07E-11	4.07E-11	2.90E-12	0.7
CS-137	30.17Y	1.000	1.08E-10	1.08E-10	8.41E-11	7.8
CE-141	32.50D	1.000	2.79E-12	2.79E-12	2.46E-13	0.9
CE-144	284.30D	1.000	2.00E-11	2.00E-11	1.16E-11	5.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

13:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1988

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.17E-11	2.17E-11	1.03E-11	4.7
MN-54	312.70D	1.000	1.67E-11	1.67E-11	7.61E-12	4.6
CO-58	70.8D	1.000	3.86E-11	3.86E-11	2.14E-11	5.5
CO-60	5.27Y	1.000	7.96E-11	7.96E-11	3.73E-11	4.7
ZR-95	64.02D	1.000	1.95E-11	1.95E-11	2.67E-12	1.4
SB-122	2.70D	1.005	4.98E-12	5.00E-12	1.77E-12	3.5
SR-92	2.71H	1.133	5.18E-13	5.86E-13	5.41E-13	9.2
NB-95	35.06D	1.000	2.45E-11	2.45E-11	2.07E-11	8.5
RU-103	39.35D	1.000	3.05E-12	3.05E-12	2.45E-12	8.1
I-131	8.04D	1.001	2.85E-11	2.85E-11	5.11E-13	0.2
CS-134	2.06Y	1.000	4.29E-11	4.29E-11	9.01E-12	2.1
CS-137	30.17Y	1.000	1.14E-10	1.14E-10	6.34E-11	5.6
CE-141	32.50D	1.000	2.94E-12	2.94E-12	1.24E-12	4.2
CE-144	284.30D	1.000	2.11E-11	2.11E-11	5.85E-12	2.8

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 13:15

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	HLife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.17E-11	2.17E-11	1.19E-11	5.5
MN-54	312.70D	1.000	1.76E-11	1.76E-11	1.73E-13	0.1
CO-58	70.8D	1.000	4.06E-11	4.06E-11	4.92E-12	1.2
CO-60	5.27Y	1.000	8.38E-11	8.38E-11	7.26E-11	8.7
ZR-95	64.02D	1.000	2.06E-11	2.06E-11	6.93E-12	3.4
SB-122	2.70D	1.005	5.24E-12	5.26E-12	2.30E-12	4.4
SR-92	2.71H	1.133	5.45E-13	6.17E-13	3.55E-13	5.8
NB-95	35.06D	1.000	2.58E-11	2.58E-11	1.08E-11	4.2
RU-103	39.35D	1.000	3.21E-12	3.21E-12	2.24E-12	7.0
I-131	8.04D	1.001	3.00E-11	3.00E-11	2.36E-11	7.3
CS-134	2.06Y	1.000	4.52E-11	4.52E-11	4.23E-11	9.4
CS-137	30.17Y	1.000	1.20E-10	1.20E-10	7.75E-11	6.5
CE-141	32.50D	1.000	3.10E-12	3.10E-12	1.81E-12	5.8
CE-144	304.30D	1.000	2.22E-11	2.22E-11	2.14E-12	1.0

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89 13:30

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: WRGM SAMPLE

Sample Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Type: PARTICULATE

Detector Name: PGT_SN2098

Elapsed Live Time: 00:10:20:00

Energy Tolerance: 1.00

Abundance Limit: 75.00

Acquisition Date: 6-DEC-1989

Sample Quantity: 10⁻⁶ cc

Sample Geometry: Planchet 3 cm

Detector Geometry: Planchet 3 cm

Elapsed Real Time: 00:12:43:00

Half Life Ratio: 10.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
CR-51	27.70D	1.001	2.17E-11	2.17E-11	4.55E-12	2.1
MN-54	312.70D	1.000	1.76E-11	1.76E-11	9.84E-12	5.6
CO-58	70.8D	1.000	4.06E-11	4.06E-11	3.89E-11	9.6
CO-60	5.27Y	1.000	8.38E-11	8.38E-11	1.03E-11	1.2
ZR-95	64.02D	1.000	2.06E-11	2.06E-11	1.95E-11	9.5
SB-122	2.70D	1.005	5.24E-12	5.26E-12	2.96E-12	5.6
SR-92	2.71H	1.133	5.45E-13	6.17E-13	1.25E-13	2.0
NB-95	35.06D	1.000	2.58E-11	2.58E-11	6.48E-13	0.3
RU-103	39.35D	1.000	3.21E-12	3.21E-12	1.07E-12	3.3
I-131	8.04D	1.001	3.00E-11	3.00E-11	2.44E-11	8.1
CS-134	2.06Y	1.000	4.52E-11	4.52E-11	2.90E-11	6.4
CS-137	30.17Y	1.000	1.20E-10	1.20E-10	1.04E-10	8.7
CE-141	32.50D	1.000	3.10E-12	3.10E-12	1.69E-12	5.5
CE-144	284.30D	1.000	2.22E-11	2.22E-11	1.69E-11	7.6

Annual Exercise

VAX/VMS Nuclide Identification Report V1.5 Generated

6-Dec-89

4:00

Configuration: DUBO:[GAMMASPEC.CONFIG13238_6DEC890700.CNF;1

Analyses By: PEAK V15.6,PEAKEFF V1.3,NID V1.6

Sample Title: ABS AIR

Sample Date: 6-DEC-1989

Acquisition Date: 6-DEC-1989

Sample ID: 3238_6DEC89

Sample Quantity: 1220 cc

Sample Type: Air

Sample Geometry: 1L Marinelli

Detector Name: PGT_SN2098

Detector Geometry: 1L Marinelli

Elapsed Live Time: 00:10:20:00

Elapsed Real Time: 00:12:43:00

Energy Tolerance: 1.00

Half Life Ratio: 10.00

Abundance Limit: 75.00

Summary of Nuclide Activity

Total number of lines in spectrum	47	
Number of unidentified lines	11	
Number of lines tentatively identified by NID	38	80.85 %

Nuclide Type: All

Nuclide	Hlife	Decay	Uncorr uCi/ML	Decay Corr uCi/ML	Decay Corr 2-Sig Err	2-Sigma %Error
KR-85	10.51Y	1.000	4.00E-11	4.00E-11	3.91E-11	9.8
XE-133	5.24D	1.003	4.96E-11	4.97E-11	1.27E-11	2.6
XE-131M	2.19D	1.002	3.85E-11	3.85E-11	1.20E-11	3.1

			7:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			7:45	12/8/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15008	CONTROL ROOM VENTILATION	2.86E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15016	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15018	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	006	CPM	
R15019B	LETDOWN FLOW > 2 MEV	006	CPM	
R15020	REGEN HOLDUP TANK	006	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15046	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	6.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-08	uCi/cc	
R15100	REACTOR BLDG IODINE	006	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	006	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-08	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			8:00	12/8/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 3 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15108	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 30'	1.00E-01	R/hr	
R15110	IOS BLDG SUMP AREA	2.34E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.21E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.21E-01	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			8:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			8:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			8:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15108	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTRCL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CCNT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:05	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:10	12/9/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-04	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CFM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PAGE LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RAD WASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.06E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:20	12/8/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	9.88E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+01	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	8.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	F/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:25	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15008	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R13007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:30	12/6/89
MONITOR	PROCESS MONITORS	FEADING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.00E-01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.00E-01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.02E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:35	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW CROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	4.00E+02	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	9.50E+01	mR/hr	ALERT
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	9.80E+01	mR/hr	ALERT
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	3.45E-02	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
H15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9.40	12/6/69
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	1.60E+03	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-03	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	9.32E+02	mR/hr	HIGH
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	9.97E+02	mR/hr	HIGH
R15030	AUX BLDG CONTROL ROOM 40'	1.20E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	1.38E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15008	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15018	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	3.20E+03	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.80E+03	mR/hr	HIGH
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	2.99E+03	mR/hr	HIGH
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.76E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.06E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			9:50	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	ALERT
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.66E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.76E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.85E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15018A	LETDOWN FLOW GROSS	006	CPM	
R15018B	LETDOWN FLOW > 2 MEV	006	CPM	
R15020	REGEN HOLDUP TANK	006	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	6.40E+03	uCi/sec	
R15448A	AUX BLDG GRADE LEVEL VENT GAS	7.26E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	006	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	006	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.90E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	6.32E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	5.52E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

006 = Out Of Service

			9:55	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	ALERT
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	1.00E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	6.21E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	6.65E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	8.62E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	1.20E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	6.21E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	6.65E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	1.03E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:05	12/8/89	
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS	
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM		
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM		
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM		
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM		
R15008	COMPONENT COOLING WATER	7.76E+02	CPM		
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM		
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM		
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM		
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM		
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml		
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml		
R15019A	LETDOWN FLOW GROSS	OOS	CPM		
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM		
R15020	REGEN HOLDUP TANK	OOS	CPM		
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec		
R15045	AUX BLDG STACK GAS	2.38E+04	uCi/sec		
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec		
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr		
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr		
R15100	REACTOR BLDG GAS LO	2.20E-08	uCi/cc		
R15100	REACTOR BLDG IODINE	OOS	uCi/cc		
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc		
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc		
R15108	IOS BUILDING VENT GAS	2.95E-06	uCi/ml		
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml		
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml		
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr		
MONITOR	AREA MONITORS	READING	UNITS		ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr		HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr		
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr		
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	6.01E+03	mR/hr		
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	6.43E+03	mR/hr		
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr		
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr		
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr		
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr		
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr		
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr		
R15036	AUX BLDG VENT EQUIP AREA 20'	2.05E+00	mR/hr		
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr		
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr		
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr		
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr		
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr		
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr		
R15049	RX BLDG CONT 60'	9.05E-01	R/hr		
R15050	RX BLDG CONT 60'	1.30E+00	R/hr		
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr		
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr		
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr		
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr		
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr		
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr		

OOS = Out Of Service

			10:10	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CFM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	3.51E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.81E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	6.22E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	1.99E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	4.39E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.44E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.82E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	3.78E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:20	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	6.05E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	4.92E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.27E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	5.22E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:25	12/6/89	
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS	
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM		
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM		
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM		
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM		
R15008	COMPONENT COOLING WATER	7.76E+02	CPM		
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM		
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM		
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM		
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM		
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml		
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml		
R15019A	LETDOWN FLOW GROSS	OOS	CPM		
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM		
R15020	REGEN HOLDUP TANK	OOS	CPM		
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec		
R15045	AUX BLDG STACK GAS	7.19E+04	uCi/sec		
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec		
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr		
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr		
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc		
R15100	REACTOR BLDG IODINE	OOS	uCi/cc		
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc		
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc		
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml		
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml		
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml		
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr		
MONITOR	AREA MONITORS	READING	UNITS		ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr		HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr		
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr		
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	4.31E+03	mR/hr		
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	4.61E+03	mR/hr		
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr		
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr		
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr		
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr		
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr		
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr		
R15036	AUX BLDG VENT EQUIP AREA 20'	6.19E+00	mR/hr		
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr		
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr		
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr		
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr		
R15042	OUTSIDE WEST OF HX BLDG	1.00E-01	mR/hr		
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr		
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	ALERT	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr		
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr		
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr		
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr		
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr		
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr		
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr		

OOS = Out Of Service

			10:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	7.73E+04	uCi/sec	HIGH
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	3.65E+03	mR/hr	HIGH
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.90E+03	mR/hr	HIGH
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM S/ATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	6.67E+00	mR/hr	ALERT
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:35	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAC	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.76E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	7.73E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.98E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.19E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	ALERT
R15036	AUX BLDG VENT EQUIP AREA 20'	6.66E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:40	12/6/89
MONITOR	PROCFSS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	RFACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	7.27E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.38E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	2.53E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	6.26E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	6.47E+04	uCi/sec	HIGH
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	1.81E+03	mR/hr	HIGH
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	1.94E+03	mR/hr	HIGH
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	5.58E+00	mR/hr	ALERT
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:50	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	5.49E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	1.34E+03	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	1.44E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	4.73E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			10:5E	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CFM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	4.45E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	9.61E+02	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	1.03E+03	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	3.83E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

				11:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS	
R15003	WASTE GAS HEADER	3.98E+02	CPM		
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM		
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM		
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM		
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM		
R15008	COMPONENT COOLING WATER	7.76E+02	CPM		
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM		
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM		
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM		
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM		
R15017A	RETENTION BASIN: OUTLET	1.89E-07	uCi/ml		
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml		
R15019A	LETDOWN FLOW GROSS	OOS	CPM		
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM		
R15020	REGEN HOLDUP TANK	OOS	CPM		
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec		
R15045	AUX BLDG STACK GAS	3.45E+04	uCi/sec	HIGH	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec		
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr		
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr		
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc		
R15100	REACTOR BLDG IODINE	OOS	uCi/cc		
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc		
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc		
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml		
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml		
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml		
R15713	PASS LIQUID LINE MONITGR	3.22E-01	mR/hr		
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS	
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr		
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr		
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr		
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	6.66E+02	mR/hr	HIGH	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	7.13E+02	mR/hr	HIGH	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr		
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr		
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr		
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr		
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr		
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr		
R15036	AUX BLDG VENT EQUIP AREA 20'	2.97E+00	mR/hr		
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr		
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr		
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr		
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr		
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr		
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr		
R15049	RX BLDG CONT 60'	9.05E-01	R/hr		
R15050	RX BLDG CONT 30'	1.30E+00	R/hr		
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr		
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr		
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr		
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr		
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr		
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr		

OOS = Out Of Service

			11:05	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.96E+02	CPM	HIGH
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.66E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.57E+04	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	4.48E+02	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	4.78E+02	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.21E+00	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11.10	12/6/89	
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS	
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM		
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM		
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM		
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM		
R15008	COMPONENT COOLING WATER	7.78E+02	CPM		
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM		
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM		
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM		
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM		
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml		
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml		
R15019A	LETDOWN FLOW GROSS	OOS	CPM		
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM		
R15020	REGEN HOLDUP TANK	OOS	CPM		
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec		
R15045	AUX BLDG STACK GAS	1.84E+04	uCi/sec		
R15146A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec		
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr		
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr		
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc		
R15100	REACTOR BLDG IODINE	OOS	uCi/cc		
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc		
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc		
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml		
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml		
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml		
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr		
MONITOR	AREA MONITORS	READING	UNITS		ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr		HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr		
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr		
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.89E+02	mR/hr		
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.10E+02	mR/hr		
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr		
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr		
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr		
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr		
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr		
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr		
R15036	AUX BLDG VENT EQUIP AREA 20'	1.58E+00	mR/hr		
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr		
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr		
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr		
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr		
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr		
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr		
R15049	RX BLDG CONT 60'	9.05E-01	R/hr		
R15050	RX BLDG CONT 60'	1.30E+00	R/hr		
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr		
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr		
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr		
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr		
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr		
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr		

OOS = Out Of Service

			11:15	12/6/89	
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS	
R15003	WASTE GAS HEADER	3.98E+02	CPM	HIGH	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM		
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM		
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM		
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM		
R15008	COMPONENT COOLING WATER	7.76E+02	CPM		
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM		
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM		
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CF-M		
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM		
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml		
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml		
R15019A	LETDOWN FLOW GROSS	006	CPM		
R15019B	LETDOWN FLOW > 2 MEV	006	CPM		
R15020	REGEN HOLDUP TANK	006	CPM		
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec		
R15045	AUX BLDG STACK GAS	1.26E+04	uCi/sec		
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.26E+00	uCi/sec		
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr		
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr		
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc		
R15100	REACTOR BLDG IODINE	006	uCi/cc		
R15100	REACTOR BLDG PARTICULATE	006	uCi/cc		
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc		
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml		
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml		
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml		
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr		
MONITOR	AREA MONITORS	READING	UNITS		ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr		HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr		
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr		
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	1.82E+02	mR/hr		
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	1.94E+02	mR/hr		
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr		
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr		
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr		
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr		
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr		
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr		
R15036	AUX BLDG VENT EQUIP AREA 20'	1.09E+00	mR/hr		
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr		
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr		
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr		
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr		
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr		
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr		
R15049	RX BLDG CONT 60'	9.05E-01	R/hr		
R15050	RX BLDG CONT 60'	1.30E+00	R/hr		
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr		
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr		
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr		
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr		
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr		
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr		

OOS = Out Of Service

			11:20	12/6/89	
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS	
R15003	WASTE GAS HEADER	3.98E+02	CPM	ALERT	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM		
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM		
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM		
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM		
R15008	COMPONENT COOLING WATER	7.76E+02	CPM		
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM		
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM		
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM		
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM		
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml		
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml		
R15019A	LETDOWN FLOW GROSS	OOS	CPM		
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM		
R15020	REGEN HOLDUP TANK	OOS	CPM		
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec		
R15045	AUX BLDG STACK GAS	8.35E+03	uCi/sec		
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.29E+00	uCi/sec		
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr		
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr		
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc		
R15100	REACTOR BLDG IODINE	OOS	uCi/cc		
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc		
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc		
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml		
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml		
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml		
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr		
MONITOR	AREA MONITORS:	READING	UNITS		ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr		HIGH HIGH
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr		
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr		
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	1.10E+02	mR/hr		
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	1.18E+02	mR/hr		
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr		
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr		
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr		
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr		
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr		
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr		
R15036	AUX BLDG VENT EQUIP AREA 20'	7.20E-01	mR/hr		
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr		
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr		
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr		
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr		
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr		
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr		
R15049	RX BLDG CONT 60'	9.05E-01	R/hr		
R15050	RX BLDG CONT 60'	1.30E+00	R/hr		
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr		
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr		
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr		
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr		
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr		
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr		

OOS = Out Of Service

			11:25	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	5.32E+03	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	ALERT ALERT
R15026	RX BLDG INCOME INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	6.46E+01	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	6.91E+01	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	4.59E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	3.27E+03	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	3.68E+01	mR/hr	ALERT
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	3.92E+01	mR/hr	ALERT
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.82E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11.36	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	1.93E+03	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	2.01E+01	mR/hr	ALERT
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	2.15E+01	mR/hr	ALERT
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 80'	9.05E-01	R/hr	
R15050	RX BLDG CONT 80'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11:40	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.88E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.65E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.88E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	1.10E+03	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.98E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	1.07E+01	mR/hr	ALERT
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	1.14E+01	mR/hr	ALERT
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11:45	12/8/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS BURGE TANK	9.66E+01	CPM	
R15008	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15018	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15018A	LETDOWN FLOW GROSS	OOS	CPM	
R15018B	LETDOWN FLOW > 2 MCV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	6.08E+02	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-08	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-08	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.48E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.86E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11:50	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	3.23E+02	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			11:55	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15008	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15018	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	1.65E+02	uCi/sec	
R15448A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			12:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	8.19E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.29E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 80'	9.05E-01	R/hr	
R15050	RX BLDG CONT 80'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			12:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.39E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	000	CPM	
R15019B	LETDOWN FLOW > 2 MEV	000	CPM	
R15020	REGEN HOLDUP TANK	000	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	000	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	000	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15038	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

000 = Out Of Service

			12:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			12:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15448A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 80'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			13:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			13:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85F+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			13:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LG	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-08	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15038	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			13:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			14.00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/T&C HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/T&C HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			14 15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15038	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			14.30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			14:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15018	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	008	CPM	
R15019B	LETDOWN FLOW > 2 MEV	008	CPM	
R15020	REGEN HOLDUP TANK	008	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	008	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	008	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

008 = Out Of Service

			15:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.65E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.81E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 80'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.82E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15:45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.88E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			16:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15:00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15006	WASTE GAS SURGE TANK	9.88E+01	CPM	
R15008	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15:15	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15:30	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.35E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			15.45	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.58E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.78E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

			16.00	12/6/89
MONITOR	PROCESS MONITORS	READING	UNITS	ALARM STATUS
R15003	WASTE GAS HEADER	3.98E+02	CPM	
R15004	CONDENSER AIR EJECTOR	3.00E+02	CPM	
R15005	WASTE GAS SURGE TANK	9.68E+01	CPM	
R15006	CONTROL ROOM VENTILATION	2.85E+01	CPM	
R15007	VENTILATION SYSTEM GAS	1.40E+02	CPM	
R15008	COMPONENT COOLING WATER	7.76E+02	CPM	
R15009	NUCLEAR SERVICE COOLING WATER "A"	2.45E+02	CPM	
R15010	NUCLEAR SERVICE COOLING WATER "B"	2.78E+02	CPM	
R15015	MISC. WASTE COND. STORAGE TANK	1.30E+03	CPM	
R15016	CIRCULATING COOLING WATER SYSTEM	2.30E+02	CPM	
R15017A	RETENTION BASIN OUTLET	1.89E-07	uCi/ml	
R15017B	RETENTION BASIN INLET	2.10E-07	uCi/ml	
R15019A	LETDOWN FLOW GROSS	OOS	CPM	
R15019B	LETDOWN FLOW > 2 MEV	OOS	CPM	
R15020	REGEN HOLDUP TANK	OOS	CPM	
R15044	REACTOR BLDG STACK GAS	2.30E+01	uCi/sec	
R15045	AUX BLDG STACK GAS	2.00E+01	uCi/sec	
R15446A	AUX BLDG GRADE LEVEL VENT GAS	7.28E+00	uCi/sec	
R15047	"A" MAIN STEAM LINE	3.92E-01	mR/hr	
R15048	"B" MAIN STEAM LINE	5.82E-01	mR/hr	
R15100	REACTOR BLDG GAS LO	2.20E-06	uCi/cc	
R15100	REACTOR BLDG IODINE	OOS	uCi/cc	
R15100	REACTOR BLDG PARTICULATE	OOS	uCi/cc	
R15100	REACTOR BLDG HI GAS	1.71E-03	uCi/cc	
R15106	IOS BUILDING VENT GAS	2.99E-06	uCi/ml	
R15701	CONTROL ROOM/TSC HVAC	1.61E-06	uCi/ml	
R15702	CONTROL ROOM/TSC HVAC	2.27E-06	uCi/ml	
R15713	PASS LIQUID LINE MONITOR	3.22E-01	mR/hr	
MONITOR	AREA MONITORS	READING	UNITS	ALARM STATUS
R15025	RX BLDG PERSONNEL HATCH 40'	6.00E-01	mR/hr	
R15026	RX BLDG INCORE INSTRUMENT AREA 40'	1.00E+00	mR/hr	
R15027	RX BLDG FUEL HANDLING BRIDGE	1.20E+00	mR/hr	
R15028	FUEL STORAGE BLDG SPENT FUEL POOL	5.10E+00	mR/hr	
R15029	FUEL STORAGE BLDG NEW FUEL STORAGE	5.15E+00	mR/hr	
R15030	AUX BLDG CONTROL ROOM 40'	1.00E-01	mR/hr	
R15031	AUX BLDG RADIOCHEMISTRY LAB 40'	1.00E-01	mR/hr	
R15032	AUX BLDG CONT CHANGE AREA 40'	1.00E-01	mR/hr	
R15033	AUX BLDG DRUM STATION (GRADE LEVEL)	1.00E-01	mR/hr	
R15034	AUX BLDG RADWASTE SUMP AREA 20'	9.00E-01	mR/hr	
R15035	AUX BLDG GRADE HALLWAY	3.00E-01	mR/hr	
R15036	AUX BLDG VENT EQUIP AREA 20'	2.00E-01	mR/hr	
R15037	AUX BLDG EAST DECAY HEAT PUMP ROOM	1.00E+01	mR/hr	
R15039	AUX BLDG SOURCE STORAGE ROOM 40'	1.00E-01	mR/hr	
R15040	OUTSIDE N.E. OF RX BLDG	1.00E-01	mR/hr	
R15041	OUTSIDE EAST OF RX BLDG	1.00E-01	mR/hr	
R15042	OUTSIDE WEST OF RX BLDG	1.00E-01	mR/hr	
R15043	OUTSIDE S.E. OF RX BLDG	1.00E-01	mR/hr	
R15049	RX BLDG CONT 60'	9.05E-01	R/hr	
R15050	RX BLDG CONT 60'	1.30E+00	R/hr	
R15110	IOS BLDG SUMP AREA	9.39E-02	mR/hr	
R15111	IOS BLDG EAST CELL AREA	1.81E-01	mR/hr	
R15112	IOS BLDG LOADING DOCK	1.21E-01	mR/hr	
R15113	IOS BLDG WEST CELL AREA	1.12E+00	mR/hr	
R15114	IOS BLDG DAW STORAGE ROOM	1.12E+00	mR/hr	
R15115	IOS BLDG DAW HANDLING ROOM	5.35E-01	mR/hr	

OOS = Out Of Service

Annual Exercise

Annual Exercise Meteorological Data

Time	Wind Speed (MPH)	Wind Direction (Degrees)	Delta-T Deg F per 50m	Sigma -Theta (Degrees)	Stability Class
7:30	3.6	193	0.55	3.3	E
7:45	3.7	195	0.54	3.3	E
8:00	3.8	194	0.54	3.3	E
8:15	3.6	194	0.54	3.3	E
8:30	3.5	193	0.54	3.3	E
8:45	3.7	194	0.53	3.3	E
9:00	3.8	195	0.50	3.3	E
9:15	4.2	188	0.53	3.4	E
9:30	4.0	187	0.45	4.5	E
9:45	4.3	184	0.42	4.8	E
10:00	4.5	186	0.40	5.3	E
10:15	4.3	187	0.33	5.7	E
10:30	5.0	191	0.28	6.1	E
10:45	5.1	193	0.22	6.4	E
11:00	5.2	190	0.19	7.3	E
11:15	5.2	192	0.17	7.3	E
11:30	5.6	195	0.14	7.5	E
11:45	5.3	193	0.12	7.7	E
12:00	5.1	189	0.08	7.8	E
12:15	5.8	181	0.04	8.0	E
12:30	6.4	178	0.02	8.1	E
12:45	6.6	180	0.01	8.1	E
13:00	6.5	181	-0.09	8.2	E
13:15	6.5	184	-0.10	8.3	E
13:30	6.7	185	-0.12	8.4	E
13:45	6.6	188	-0.25	8.4	E
14:00	6.6	186	-0.26	8.5	E
14:15	7.0	189	-0.27	8.7	E
14:30	7.1	193	-0.28	8.5	E
14:45	7.2	195	-0.29	8.5	E
15:00	7.2	191	-0.30	8.3	E
15:15	7.2	190	-0.30	8.2	E
15:30	7.1	194	-0.30	8.1	E
15:45	7.0	188	-0.30	8.1	E
16:00	7.4	181	-0.30	8.0	E

Annual Exercise

NOVA DATA

7:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	0.6	0.6	3.6	193.0	3.3	2.9	4.2	4.8	-99.9
B	1989.0	7	55.3	54.9	3.6	193.0	2.9	2.5	3.8	193.0	-99.9

8:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	0.5	0.6	3.8	194.0	3.3	2.9	4.2	5.0	-99.9
B	1989.0	8	55.3	54.9	3.8	194.0	2.9	2.5	3.8	194.0	-99.9

9:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	0.5	0.5	3.8	195.1	3.3	2.9	4.2	5.0	-99.9
B	1989.0	9	55.3	54.9	3.4	194.7	2.9	2.5	3.8	195.5	-99.9

10:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340.0	0.45	0.47	4.0	187.0	4.4	4.5	4.2	5.2	-99.9
B	1989.0	10	55.3	54.9	3.6	186.6	4.0	4.1	3.8	187.4	-99.9

11:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	0.28	0.30	5.0	191.0	6.0	6.1	5.3	6.2	-99.9
B	1989.0	11	55.3	54.9	4.6	190.6	5.6	5.7	4.9	191.4	-99.9

12:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	0.14	0.16	5.6	195.0	7.0	7.5	6.8	6.8	-99.9
B	1989.0	12	55.3	54.9	5.2	194.6	6.6	7.1	6.4	195.4	-99.9

13:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	0.02	0.04	6.4	178.0	8.0	8.1	9.3	7.6	-99.9
B	1989.0	13	55.3	54.9	6.0	177.0	7.6	7.7	8.9	178.4	-99.9

14:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	-0.12	-0.10	6.7	185.0	8.0	8.4	8.4	7.9	-99.9
B	1989.0	14	55.3	54.9	6.3	184.6	7.6	8.0	8.0	185.4	-99.9

15:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	-0.28	-0.26	7.1	193.0	8.1	8.5	8.4	8.3	-99.9
B	1989.0	15	55.3	54.9	6.7	192.6	7.7	8.1	8.0	193.4	-99.9

16:00											
YEAR	DAY	ADT	BDT	AWS10	AWD10	SIG30	SIG10	SIG3	AWS60	X/Q	
	HOUR	BT60	AT60	BWS10	BWD10	SIG30	SIG10	SIG3	AWD60	SIG60	
A	1989.0	340	-0.30	-0.28	7.1	194.0	8.1	8.5	8.2	8.3	-99.9
B	1989.0	16	55.3	54.9	6.7	193.6	7.7	8.1	7.8	194.4	-99.9

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE**

11.0 EXERCISE ADMINISTRATION

This section will be added to the exercise package by 11/30/89. This section will include the following:

Player List

Controller List

Observer List

Exercise Phone Numbers

Administrative Information (Lunches, Exercise Memorandum, Etc).

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 4.70E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 2.09E-06 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	6.4	6.6	MPH
10 M Wind Direction	178	178	Deg AZ
Sigma Theta	8.1	8.1	Deg AZ
Temperature Differential (60M-10M)	0.0	0.1	Deg F

Precipitation:

For last hour 0.00 inches

12:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

12:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RETR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

12:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS				
SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM
BWST LEVEL	45.2	FT		
CBAST LEVEL	4.8	FT		
CORE FLOOD TANKS				
	A	0.0	FT	
	B	0.0	FT	
PRESSURE				
	A	N/A	PSIG	
	B	N/A	PSIG	
EMOV CLOSED SETPNT LOW				
CONTAINMENT INTEGRITY				SFAS
PRESS				
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)			
PRT	0.0	PSIG	
	N/A	F	
	35.2	IN	
CONT SPRAY PUMP A	N/A	GPM	
CONT SPRAY PUMP B	N/A	GPM	
CONT EME SUMP LVL	NORMAL		
LPI PUMP A	0.0	GPM	
	3	0.0	GPM
LPI			
LPI/HPI WATER SOURCE?			
RB H2 CONC	0.0	%	
H2 PURGE IN PROGRESS?			
RADIATION LEVELS			RAC1

FOR EMERGENCY PLAN
DRILL USE ONLY

12:45			ALARM GROUP SUMMARY					12/6/89		
PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TR&M	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC [] F [] F

SUBCOOLING [] F [] F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP ??? IN ??? IN

FULL RANGE 600.0 IN 600.0 IN

OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

12:45

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	SFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.30E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 1.02E-06 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	6.6	7.0	MPH
10 M Wind Direction	180	180	Deg AZ
Sigma Theta	8.1	7.8	Deg AZ
Temperature Differential (60M-10M)	0.0	0.0	Deg F

Precipitation:
 For last hour 0.00 inches

12:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BK G	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate 00S uCi/ml
 Iodine 00S uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

12:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

12:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TABLO	TSI
GENOG	APS	SWYD	ENC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP
CONTAINMENT	0.1 PSIG	77.8 F
	-0.1 PSIG	76.5 F
	-0.1 PSIG	77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

13:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)			0.0	%
REACTOR SHUTDOWN? TIME AND DATE:				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR
FAILED FUEL (R426)	10E	???		uC/cc
PRESSURIZER LEVEL	0.0		IN	
	0.0		IN	
	0.0		IN	
CONTROL ROD GROUP POSIT		5	8.4	%
		6	0.0	%
		7	0.0	%
		8	0.0	%
RCS BORON CONC	???		PPM	
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A			OTSG B
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

**FOR EMERGENCY PLAN
DRILL USE ONLY**

13:00 ALARM GROUP STATUS 12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	6.5	6.6	MPH
10 M Wind Direction	181	181	Deg AZ
Sigma Theta	8.2	8.0	Deg AZ
Temperature Differential (60M-10M)	-0.1	-0.1	Deg F

Precipitation:

For last hour 0.00 inches

13:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049	9.05E-01	R/hr
R15050	1.30E+00	R/hr

Atmosphere R15100

Particulate	OOS	uCi/ml
Iodine	OOS	uCi/ml
Gas (Low)	2.20E-06	uCi/ml
Gas (High)	1.71E-03	uCi/ml

Pressure

PT53621	1.00E-01	PSIG
PT53622	-1.00E-01	PSIG

Temperature

Dome	77.8	DEG F
Fans	76.5	DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi	NORMAL
Level HiHi	NORMAL

Water Level

LIT 20509	0.0	FT
LIT 20510	0.0	FT

13:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

13:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
	INJECTION TO RCS			
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL	45.2	FT
CBAST LEVEL	4.8	FT

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
	PRESSURE		
	A	N/A	PSIG
	B	N/A	PSIG

EMOV CLOSED SETPNT **LOW**

CONTAINMENT INTEGRITY **SFAS**

	PRESS		TEMP	
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT	0.0	PSIG
	N/A	F
	35.2	IN
CONT SPRAY PUMP A	N/A	GPM
CONT SPRAY PUMP B	N/A	GPM
CONT EME SUMP LVL	NORMAL	
LPI PUMP A	0.0	GPM
B	0.0	GPM
		LPI
LPI/HPI WATER SOURCE?		
RB H2 CONC	0.0	%
H2 PURGE IN PROGRESS?		
RADIATION LEVELS	RAC1	

**FOR EMERGENCY PLAN
DRILL USE ONLY**

13:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSJ
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC F F

SUBCOOLING F F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

OTSG LEVELS OTSG A OTSG B

STARTUP ??? IN ??? IN

FULL RANGE 600.0 IN 600.0 IN

OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

13:15

ALARM GROUP STATUS

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	6.5	6.8	MPH
10 M Wind Direction	184	184	Deg AZ
Sigma Theta	8.3	7.8	Deg AZ
Temperature Differential (60M-10M)	-0.1	-0.1	Deg F

Precipitation:
 For last hour 0.00 inches

13:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OCS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

13:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

13:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
B 0.0 FT
PRESSURE
A N/A PSIG
B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS		TEMP	
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
N/A F
35.2 IN
CONT SPRAY PUMP A N/A GPM
CONT SPRAY PUMP B N/A GPM
CONT EME SUMP LVL NORMAL
LPI PUMP A 0.0 GPM
B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

13:30

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCTION AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE T AVE	350.0	F	350.0	F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A TRIP	/	0.00	MLB/HR
RCP B TRIP	/	0.00	MLB/HR
RCP C TRIP	/	0.00	MLB/HR
RCP D TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN
0.0 IN
0.0 IN

CONTROL ROD GROUP POSIT

5	8.4 %
6	0.0 %
7	0.0 %
8	0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR
B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM
B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG
HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

13:30

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	6.7	7.0	MPH
10 M Wind Direction	185	185	Deg AZ
Sigma Theta	8.4	8.0	Deg AZ
Temperature Differential (60M-10M)	-0.1	-0.1	Deg F

Precipitation:
 For last hour 0.00 inches

13:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049	9.05E-01	R/hr
R15050	1.30E+00	R/hr

Atmosphere R15100

Particulate	OOS	uCi/ml
Iodine	OOS	uCi/ml
Gas (Low)	2.20E-06	uCi/ml
Gas (High)	1.71E-03	uCi/ml

Pressure

PT53621	1.00E-01	PSIG
PT53622	-1.00E-01	PSIG

Temperature

Dome	77.8	DEG F
Fans	76.5	DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi	NORMAL
Level HiHi	NORMAL

Water Level

LIT 20509	0.0	FT
LIT 20510	0.0	FT

13:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe ¹³³ Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

13:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

13:45

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT

5	8.4 %
6	0.0 %
7	0.0 %
8	0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

13:45

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E + 01 UCI/SEC
 Flow 7.40E + 04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E + 00 UCI/SEC
 Flow 1.77E + 01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E + 01 UCI/SEC
 Flow 4.77E + 04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	6.6	6.7	MPH
10 M Wind Direction	188	188	Deg AZ
Sigma Theta	8.4	7.9	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.2	Deg F

Precipitation:
 For last hour 0.00 inches

13:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

13:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

13:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
	INJECTION TO RCS			
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
	PRESSURE		
	A	N/A	PSIG
	B	N/A	PSIG

EM:OV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT	0.0	PSIG	
	N/A	F	
	35.2	IN	
CONT SPRAY PUMP A	N/A	GPM	
CONT SPRAY PUMP B	N/A	GPM	
CONT EME SUMP LVL	NORMAL		
LPI PUMP A	0.0	GPM	
	B	0.0	GPM
			LPI

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

14:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0	%		
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP		LOOP A		LOOP B
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	8.4 %	
		6	0.0 %	
		7	0.0 %	
		8	0.0 %	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A		OTSG B	
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

**FOR EMERGENCY PLAN
DRILL USE ONLY**

14:00	ALARM GROUP STATUS								12/6/89
PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
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10 M Wind Direction	186	187	Deg AZ
Sigma Theta	8.5	8.5	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.2	Deg F

Precipitation:
 For last hour 0.00 inches

14:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

14:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

14:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM

HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP
CONTAINMENT	0.1 PSIG	77.8 F
	-0.1 PSIG	76.5 F
	-0.1 PSIG	77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

14:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

	0	PSIG	0	PSIG
PRESS				
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE T AVE	350.0	F	350.0	F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP	TRIP	/	0.00	MLB/HR
RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN
0.0 IN
0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %
6 0.0 %
7 0.0 %
8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

OTSG LEVELS OTSG A OTSG B

	OTSG A		OTSG B	
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR
B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM
B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG
HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

14:15

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.0	7.2	MPH
10 M Wind Direction	189	189	Deg AZ
Sigma Theta	8.7	8.2	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:

For last hour 0.00 inches

14:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate 00S uCi/ml
 Iodine 00S uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

14:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RENTR	MSP	TABLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

14:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL	45.2	FT
CBAST LEVEL	4.8	FT

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
PRESSURE			
	A	N/A	PSIG
	B	N/A	PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS		TEMP	
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT	0.0	PSIG
	N/A	F
	35.2	IN
CONT SPRAY PUMP A	N/A	GPM
CONT SPRAY PUMP B	N/A	GPM
CONT EME SUMP LVL	NORMAL	
LPI PUMP A	0.0	GPM
B	0.0	GPM
		LPI

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

14:30

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	PEHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCTION AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE T AVE	350.0	F	350.0	F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A TRIP	/	0.00	MLB/HR
RCP B TRIP	/	0.00	MLB/HR
RCP C TRIP	/	0.00	MLB/HR
RCP D TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN
0.0 IN
0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %
6 0.0 %
7 0.0 %
8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR
B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM
B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG
HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

**FOR EMERGENCY PLAN
DRILL USE ONLY**

14:30 ALARM GROUP STATUS 12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.1	7.1	MPH
10 M Wind Direction	193	193	Deg AZ
Sigma Theta	8.5	8.1	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.2	Deg F

Precipitation:
 For last hour 0.00 inches

14:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

14:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

14:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RENTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
B 0.0 FT
PRESSURE
A N/A PSIG
B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
N/A F
35.2 IN
CONT SPRAY PUMP A N/A GPM
CONT SPRAY PUMP B N/A GPM
CONT EME SUMP LVL NORMAL
LPI PUMP A 0.0 GPM
B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

14:45

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0 %			
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT	5	8.4	%	
	6	0.0	%	
	7	0.0	%	
	8	0.0	%	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A	OTSG B		
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

FOR EMERGENCY PLAN
DRILL USE ONLY

14:45 ALARM GROUP STATUS 12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.2	7.4	MPH
10 M Wind Direction	195	196	Deg AZ
Sigma Theta	8.5	8.1	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:
 For last hour 0.00 inches

14:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr

R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml

Iodine OOS uCi/ml

Gas (Low) 2.20E-06 uCi/ml

Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG

PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F

Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL

Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT

LIT 20510 0.0 FT

14:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

14:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
	INJECTION TO RCS			
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
B 0.0 FT

PRESSURE

A N/A PSIG
B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY

SFAS

	PRESS		TEMP	
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
N/A F
35.2 IN
CONT SPRAY PUMP A N/A GPM
CONT SPRAY PUMP B N/A GPM
CONT EME SUMP LVL NORMAL
LPI PUMP A 0.0 GPM
B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

15:00

ALARM GROUP SUMMARY

12/5/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC [] F [] F

SUBCOOLING [] F [] F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP ??? IN ??? IN

FULL RANGE 600.0 IN 600.0 IN

OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

15:00

ALARM GROUP STATUS

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.2	7.5	MPH
10 M Wind Direction	191	191	Deg AZ
Sigma Theta	8.3	8.1	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:

For last hour 0.00 inches

15:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

15:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

15:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM

HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8 F	F
	-0.1 PSIG	76.5 F	F
	-0.1 PSIG	77.3 F	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

15:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	C&D	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)			0.0	%
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	8.4	%
		6	0.0	%
		7	0.0	%
		8	0.0	%
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A		OTSG B	
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

FOR EMERGENCY PLAN
DRILL USE ONLY

15:15		ALARM GROUP STATUS						12/6/89		
PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B			
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM		

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.2	7.7	MPH
10 M Wind Direction	190	190	Deg AZ
Sigma Theta	8.2	8.1	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:

For last hour 0.00 inches

15:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

15:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

15:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDO'WN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?
 RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?
 RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

15:30

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP	LOOP A	LOOP B
PRESS 0 PSIG	0 PSIG	0 PSIG
HOT LEG TEMP 520.0 F	520.0 F	520.0 F
COLD LEG AVE 350.0 F	350.0 F	350.0 F
T AVE		
CORE EXIT TC		
SUBCOOLING		

RCP STATUS/FLOW

RCP	TRIP	Flow
RCP A	TRIP	/ 0.00 MLB/HR
RCP B	TRIP	/ 0.00 MLB/HR
RCP C	TRIP	/ 0.00 MLB/HR
RCP D	TRIP	/ 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

CONTROL ROD GROUP POSIT

Group	Posit	%
5	8.4	%
6	0.0	%
7	0.0	%
8	0.0	%

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS

OTSG	A	B
STARTUP	???	???
FULL RANGE	600.0	600.0
OPERATE	100.0	100.0

OTSG PRESS 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG

OTSG	Flow
A	0.0 MLB/HR
B	0.0 MLB/HR

AFW TO OTSG

OTSG	Flow
A	0.0 GPM
B	0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

**FOR EMERGENCY PLAN
DRILL USE ONLY**

15:30

ALARM GROUP STATUS

12/5/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.1	7.1	MPH
10 M Wind Direction	194	194	Deg AZ
Sigma Theta	8.1	7.9	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:

For last hour 0.00 inches

15:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049	9.05E-01	R/hr
R15050	1.30E+00	R/hr

Atmosphere R15100

Particulate	OOS	uCi/ml
Iodine	OOS	uCi/ml
Gas (Low)	2.20E-06	uCi/ml
Gas (High)	1.71E-03	uCi/ml

Pressure

PT53621	1.00E-01	PSIG
PT53622	-1.00E-01	PSIG

Temperature

Dome	77.8	DEG F
Fans	76.5	DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi	NORMAL
Level HiHi	NORMAL

Water Level

LIT 20509	0.0	FT
LIT 20510	0.0	FT

15:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

15:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
 HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

15:45

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

OTSG LEVELS OTSG A OTSG B
 STARTUP ??? IN ??? IN
 FULL RANGE 600.0 IN 600.0 IN
 OPERATE 100.0 % 100.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B
 PRESS 0 PSIG 0 PSIG
 HOT LEG TEMP 520.0 F 520.0 F
 COLD LEG AVE 350.0 F 350.0 F
 T AVE [] F [] F
 CORE EXIT TC [] F [] F
 SUBCOOLING [] F [] F

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

RCP STATUS/FLOW
 RCP A TRIP / 0.00 MLB/HR
 RCP B TRIP / 0.00 MLB/HR
 RCP C TRIP / 0.00 MLB/HR
 RCP D TRIP / 0.00 MLB/HR

MFW TO OTSG A 0.0 MLB/HR
 B 0.0 MLB/HR
 AFW TO OTSG A 0.0 GPM
 B 0.0 GPM

FAILED FUEL (R426) 10E ??? uC/cc

COND STOR TANK LVL 48.0 FT
 COND STOR VOL 446.0 KGAL
 CONDENSER PRESS LP 0.0 IN HG
 HP 0.0 IN HG

PRESSURIZER LEVEL 0.0 IN
 0.0 IN
 0.0 IN

HEAT SINK IN USE? COND/ATMOS?

CONTROL ROD GROUP POSIT 5 8.4 %
 6 0.0 %
 7 0.0 %
 8 0.0 %

FOR EMERGENCY PLAN
 DRILL USE ONLY

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

15:45

ALARM GROUP STATUS

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
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Sigma Theta	8.1	7.7	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:
 For last hour 0.00 inches

15:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr

R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml

Iodine OOS uCi/ml

Gas (Low) 2.20E-06 uCi/ml

Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG

PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F

Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL

Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT

LIT 20510 0.0 FT

15:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

15:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

16:00

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

	0	PSIG	0	PSIG
PRESS				
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP	TRIP	/	0.00	MLB/HR
RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT

5	8.4 %
6	0.0 %
7	0.0 %
8	0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

OTSG LEVELS OTSG A OTSG B

	OTSG A		OTSG B	
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

16:00

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.90E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	7.4	7.5	MPH
10 M Wind Direction	181	182	Deg AZ
Sigma Theta	8.0	8.0	Deg AZ
Temperature Differential (60M-10M)	-0.3	-0.3	Deg F

Precipitation:

For last hour 0.00 inches

16:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

16:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

16:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOY CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8 F	
	-0.1 PSIG	76.5 F	
	-0.1 PSIG	77.3 F	

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

7:30

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)			0.0	%
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT	5	0.0	%	
	6	0.0	%	
	7	0.0	%	
	8	0.0	%	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A	OTSG B		
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

**FOR EMERGENCY PLAN
DRILL USE ONLY**

7:30 ALARM GROUP STATUS 12/6/89

PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 6.01E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.6	3.6	MPH
10 M Wind Direction	193	193	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.6	0.6	Deg F

Precipitation:
 For last hour 0.00 inches

7:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

7:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

7:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

HPI

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

7:45

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN
0.0 IN
0.0 IN

CONTROL ROD GROUP POSIT 5 0.0 %
6 0.0 %
7 0.0 %
8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR
B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM
B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG
HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

7:45

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCMP	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.7	3.7	MPH
10 M Wind Direction	195	195	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:
 For last hour 0.00 inches

7:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level NiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

7:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

7:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RENTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE

A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP
CONTAINMENT	0.1 PSIG	77.8 F
	-0.1 PSIG	76.5 F
	-0.1 PSIG	77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

8:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE T AVE	350.0	F	350.0	F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A TRIP	/	0.00	MLB/HR
RCP B TRIP	/	0.00	MLB/HR
RCP C TRIP	/	0.00	MLB/HR
RCP D TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN
0.0 IN
0.0 IN

CONTROL ROD GROUP POSIT 5 0.0 %
6 0.0 %
7 0.0 %
8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR
B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM
B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG
HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

8:00

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.8	3.8	MPH
10 M Wind Direction	194	194	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:
 For last hour 0.00 inches

8:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Rea Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

8:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RENTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

8:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
PRESSURE			
	A	N/A	PSIG
	B	N/A	PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY

SFAS

	PRESS		TEMP	
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

8:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0		%	
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	0.0	%
		6	0.0	%
		7	0.0	%
		8	0.0	%
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A	OTSG B		
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

FOR EMERGENCY PLAN
DRILL USE ONLY

8:15 ALARM GROUP STATUS 12/6/89

PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RENTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.6	3.6	MPH
10 M Wind Direction	194	194	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:
 For last hour 0.00 inches

8:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MS?	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

8:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

8:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
	PRESSURE		
	A	N/A	PSIG
	B	N/A	PSIG
EMOV	CLOSED	SETPNT	LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT	0.0	PSIG	
	N/A	F	
	35.2	IN	
CONT SPRAY PUMP A	N/A	GPM	
CONT SPRAY PUMP B	N/A	GPM	
CONT EME SUMP LVL	NORMAL		
LPI PUMP A	0.0	GPM	
B	0.0	GPM	LPI

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

8:30

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BAG	RENTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	NVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC [] F [] F

SUBCOOLING [] F [] F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 0.0 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP ??? IN ??? IN

FULL RANGE 600.0 IN 600.0 IN

OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFV TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFV TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

8:30

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.5	3.5	MPH
10 M Wind Direction	193	193	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:

For last hour 0.00 inches

8:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

8:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

3:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

HPI

LPI

SFAS

CONTAINMENT INTEGRITY

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

8:45

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCTION AVG LIN) 0.0 %

OTSG LEVELS OTSG A OTSG B
 STARTUP ??? IN ??? IN
 FULL RANGE 600.0 IN 600.0 IN
 OPERATE 100.0 % 100.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B
 PRESS 0 PSIG 0 PSIG
 HOT LEG TEMP 520.0 F 520.0 F
 COLD LEG AVE 350.0 F 350.0 F
 T AVE [] F [] F
 CORE EXIT TC [] F [] F
 SUBCOOLING [] F [] F

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

RCP STATUS/FLOW
 RCP A TRIP / 0.00 MLB/HR
 RCP B TRIP / 0.00 MLB/HR
 RCP C TRIP / 0.00 MLB/HR
 RCP D TRIP / 0.00 MLB/HR

MFWD TO OTSG A 0.0 MLB/HR
 B 0.0 MLB/HR
 AFW TO OTSG A 0.0 GPM
 B 0.0 GPM

FAILED FUEL (R426) 10E ??? uC/cc

COND STOR TANK LVL 48.0 FT
 COND STOR VOL 446.0 KGAL
 CONDENSER PRESS LP 0.0 IN HG
 HP 0.0 IN HG

PRESSURIZER LEVEL 0.0 IN
 0.0 IN
 0.0 IN

HEAT SINK IN USE? COND/ATMOS?

CONTROL ROD GROUP POSIT 5 0.0 %
 6 0.0 %
 7 0.0 %
 8 0.0 %

FOR EMERGENCY PLAN
 DRILL USE ONLY

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

8:45

ALARM GROUP STATUS

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

EFFLUENT DATA

RBS R15044				ABGL R155046A			
Rate	2.10E+01	UCI/SEC		Rate	7.28E+00	UCI/SEC	
Flow	7.40E+04	SCFM		Flow	1.77E+01	SCFM	
Activity	5.99E-07	UCI/CC		Activity	5.60E-07	UCI/CC	
ABS R15045				Retention Basin			
Rate	2.00E+01	UCI/SEC		(R15017A) Outlet	1.89E-07	UCI/ML	
Flow	4.77E+04	SCFM		(R15017B) Inlet	2.10E-07	UCI/ML	
Activity	8.88E-07	UCI/CC					

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.7	3.7	MPH
10 M Wind Direction	194	194	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:
For last hour 0.00 inches

8:45		Alarm Group Summary						12/6/89	
PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

8:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

8:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW
 INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT
 PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN
 CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM
 CONT EME SUMP LVL NORMAL
 LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**
 LPI/HPI WATER SOURCE?
 RB H2 CONC 0.0 %
 H2 PURGE IN PROGRESS?
 RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

9:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)			0.0	%
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	0.0	%
		6	0.0	%
		7	0.0	%
		8	0.0	%
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A			OTSG B
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

**FOR EMERGENCY PLAN
DRILL USE ONLY**

9:00	ALARM GROUP STATUS								12/6/89
PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	3.8	4.0	MPH
10 M Wind Direction	195	196	Deg AZ
Sigma Theta	3.3	2.9	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:

For last hour 0.00 inches

9:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

9:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

9:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8 F	F
	-0.1 PSIG	76.5 F	F
	-0.1 PSIG	77.3 F	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

9:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC [] F [] F

SUBCOOLING [] F [] F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP ??? IN ??? IN

FULL RANGE 600.0 IN 600.0 IN

OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

9:15

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.88E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	4.2	4.3	MPH
10 M Wind Direction	188	189	Deg AZ
Sigma Theta	3.4	3.3	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:

For last hour 0.00 inches

9:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

9:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWM	TRBM	BRG	REHTR	MSP	TABLO	TSI
GENGG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

9:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM
BWST LEVEL	45.2	FT		
CRAST LEVEL	4.8	FT		

HPI

SAFETY SYSTEMS (CON'T)

PRT	0.0	PSIG	
	N/A	F	
	35.2	IN	
CONT SPRAY PUMP A	N/A	GPM	
CONT SPRAY PUMP B	N/A	GPM	
CONT EME SUMP LVL	NORMAL		
LPI PUMP A	0.0	GPM	
B	0.0	GPM	LPI
LPI/HPI WATER SOURCE?			
RB H2 CONC	0.0	%	

LPI

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
PRESSURE			
	A	N/A	PSIG
	B	N/A	PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS		TEMP
CONTAINMENT	0.1	PSIG	77.8 F
	-0.1	PSIG	76.5 F
	-0.1	PSIG	77.3 F

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

9:30

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS					SECONDARY SYSTEMS						
REACTOR POWER (AUCT AVG LIN)		0.0 %			OTSG LEVELS		OTSG A		OTSG B		
REACTOR SHUTDOWN? TIME AND DATE?					STARTUP		???	IN	???	IN	
RCS PRESS/TEMP					LOOP A		LOOP B		OTSG PRESS		
PRESS		0	PSIG	0	PSIG	0.0		PSIG	0.0	PSIG	
HOT LEG TEMP		520.0	F	520.0	F	OTSG ISOLATED?					
COLD LEG AVE		350.0	F	350.0	F	MFW TO OTSG					
T AVE			F		F	A		0.0	MLB/HR		
CORE EXIT TC			F		F	B		0.0	MLB/HR		
SUBCOOLING			F		F	AFW TO OTSG		A	0.0	GPM	
RCP STATUS/FLOW					B		0.0	GPM			
RCP A	TRIP	/	0.00	MLB/HR		COND STOR TANK LVL					
RCP B	TRIP	/	0.00	MLB/HR				48.0		FT	
RCP C	TRIP	/	0.00	MLB/HR				446.0		KGAL	
RCP D	TRIP	/	0.00	MLB/HR		CONDENSER PRESS		LP	0.0	IN HG	
FAILED FUEL (R426)		10E	???	uC/cc		HP		0.0	IN HG		
PRESSURIZER LEVEL		0.0	IN		HEAT SINK IN USE? COND/ATMOS?						
		0.0	IN		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> FOR EMERGENCY PLAN DRILL USE ONLY </div>						
		0.0	IN								
CONTROL ROD GROUP POSIT			5	8.4 %							
			6	0.0 %							
			7	0.0 %							
			8	0.0 %							
RCS BORON CONC		???	PPM								
ESTIMATED RCS LEAKAGE?											
9:30					ALARM GROUP STATUS					12/6/89	
PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B				
SIM	DHS	CFS	RCPM	FWH	TRBM	BAG	REHTR	MSP	TRBLO	TSI	
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM			

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 2.00E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 8.83E-07 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	4.0	4.4	MPH
10 M Wind Direction	187	187	Deg AZ
Sigma Theta	4.5	4.4	Deg AZ
Temperature Differential (60M-10M)	0.5	0.5	Deg F

Precipitation:
 For last hour 0.00 inches

9:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate 00S uCi/ml
 Iodine 00S uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

9:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

9:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUF TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

9:45

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCTION AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT

5	8.4 %
6	0.0 %
7	0.0 %
8	0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

9:45

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 3.20E+03 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 1.42E-04 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	4.3	4.5	MPH
10 M Wind Direction	184	185	Deg AZ
Sigma Theta	4.8	4.8	Deg AZ
Temperature Differential (60M-10M)	0.4	0.4	Deg F

Precipitation:

For last hour 0.00 inches

9:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

9:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

9:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
B 0.0 FT
PRESSURE
A N/A PSIG
B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS		TEMP	
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
N/A F
35.2 IN
CONT SPRAY PUMP A N/A GPM
CONT SPRAY PUMP B N/A GPM
CONT EME SUMP LVL NORMAL
LPI PUMP A 0.0 GPM
B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

10:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0 %			
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	8.4 %	
		6	0.0 %	
		7	0.0 %	
		8	0.0 %	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A	OTSG B		
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

**FOR EMERGENCY PLAN
DRILL USE ONLY**

10:00 **ALARM GROUP STATUS** 12/6/89

PAM	INCORE SPS	RPS	EFIC	CW	CRD	DFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 1.20E+04 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 5.33E-04 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	4.5	4.6	MPH
10 M Wind Direction	186	187	Deg AZ
Sigma Theta	5.3	5.0	Deg AZ
Temperature Differential (60M-10M)	0.4	0.4	Deg F

Precipitation:
 For last hour 0.00 inches

10:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate 00S uCi/ml
 Iodine 00S uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

10:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	RETR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector γ e133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

10:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW
 INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOCP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT
 PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN
 CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

10:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TABLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN)	0.0 %	
REACTOR SHUTDOWN? TIME AND DATE?		
RCS PRESS/TEMP	LOOP A	LOOP B
PRESS	0 PSIG	0 PSIG
HOT LEG TEMP	520.0 F	520.0 F
COLD LEG AVE	350.0 F	350.0 F
T AVE	[REDACTED] F	[REDACTED] F
CORE EXIT TC	F	F
SUBCOOLING	F	F
RCP STATUS/FLOW		
RCP A TRIP	/	0.00 MLB/HR
RCP B TRIP	/	0.00 MLB/HR
RCP C TRIP	/	0.00 MLB/HR
RCP D TRIP	/	0.00 MLB/HR
FAILED FUEL (R426)	10E	??? uC/cc
PRESSURIZER LEVEL	0.0	IN
	0.0	IN
	0.0	IN
CONTROL ROD GROUP POSIT	5	8.4 %
	6	0.0 %
	7	0.0 %
	8	0.0 %
RCS BORON CONC	???	PPM
ESTIMATED RCS LEAKAGE?		

SECONDARY SYSTEMS

OTSG LEVELS	OTSG A	OTSG B	
STARTUP	???	IN	???
FULL RANGE	600.0	IN	600.0
OPERATE	100.0	%	100.0
OTSG PRESS	0.0	PSIG	0.0
OTSG ISOLATED?			
MFW TO OTSG	A	0.0	MLB/HR
	B	0.0	MLB/HR
AFW TO OTSG	A	0.0	GPM
	B	0.0	GPM
COND STOR TANK LVL		48.0	FT
COND STOR VOL		446.0	KGAL
CONDENSER PRESS	LP	0.0	IN HG
	HP	0.0	IN HG
HEAT SINK IN USE? COND/ATMOS?			

FOR EMERGENCY PLAN
DRILL USE ONLY

10:15

ALARM GROUP STATUS

12/6/89

PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCMP	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 4.40E+04 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 1.95E-03 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	4.3	4.4	MPH
10 M Wind Direction	187	187	Deg AZ
Sigma Theta	5.7	5.4	Deg AZ
Temperature Differential (60M-10M)	0.3	0.4	Deg F

Precipitation:

For last hour 0.00 inches

10:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

10:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

10:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY

SFAS

CONTAINMENT PRESS TEMP
 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

10:30

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0		%	
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT	5	8.4	%	
	6	0.0	%	
	7	0.0	%	
	8	0.0	%	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A	OTSG B		
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

FOR EMERGENCY PLAN
DRILL USE ONLY

10:30 ALARM GROUP STATUS 12/6/89

PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENGG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 7.70E+04 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 3.42E-03 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.0	5.1	MPH
10 M Wind Direction	191	191	Deg AZ
Sigma Theta	6.1	5.9	Deg AZ
Temperature Differential (60M-10M)	0.3	0.3	Deg F

Precipitation:

For last hour 0.00 inches

10:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

10:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

10:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS				
SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM
BWST LEVEL	45.2	FT		
CBAST LEVEL	4.8	FT		
CORE FLOOD TANKS				
	A	0.0	FT	
	B	0.0	FT	
PRESSURE				
	A	N/A	PSIG	
	B	N/A	PSIG	
EMOV CLOSED SETPNT LOW				
CONTAINMENT INTEGRITY				SFAS
PRESS				
CONTAINMENT	0.1	PSIG	77.8	F
	-0.1	PSIG	76.5	F
	-0.1	PSIG	77.3	F

SAFETY SYSTEMS (CON'T)			
PRT	0.0	PSIG	
	N/A	F	
	35.2	IN	
CONT SPRAY PUMP A	N/A	GPM	
CONT SPRAY PUMP B	N/A	GPM	
CONT EME SUMP LVL	NORMAL		
LPI PUMP A	0.0	GPM	
B	0.0	GPM	LPI
LPI/HPI WATER SOURCE?			
RB H2 CONC	0.0	%	
H2 PURGE IN PROGRESS?			
RADIATION LEVELS	RAC1		

FOR EMERGENCY PLAN
DRILL USE ONLY

10:45

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B	
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0 %			
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	8.4 %	
		6	0.0 %	
		7	0.0 %	
		8	0.0 %	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A		OTSG B	
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

FOR EMERGENCY PLAN
DRILL USE ONLY

10:45	ALARM GROUP STATUS								12/6/89
PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B	
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 6.47E+04 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 2.87E-03 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.1	5.5	MPH
10 M Wind Direction	193	193	Deg AZ
Sigma Theta	6.4	6.1	Deg AZ
Temperature Differential (60M-10M)	0.2	0.2	Deg F

Precipitation:
 For last hour 0.00 inches

10:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049	9.05E-01	R/hr
R15050	1.30E+00	R/hr

Atmosphere R15100

Particulate	OOS	uCi/ml
Iodine	OOS	uCi/ml
Gas (Low)	2.20E-06	uCi/ml
Gas (High)	1.71E-03	uCi/ml

Pressure

PT53621	1.00E-01	PSIG
PT53622	-1.00E-01	PSIG

Temperature

Dome	77.8	DEG F
Fans	76.5	DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi	NORMAL
Level HiHi	NORMAL

Water Level

LIT 20509	0.0	FT
LIT 20510	0.0	FT

10:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

10:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BAG	RENTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 1 OF 2)

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS

HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT
 PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP
CONTAINMENT	0.1 PSIG	77.8 F
	-0.1 PSIG	76.5 F
	-0.1 PSIG	77.3 F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

11:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TBDM	BRG	REHTR	MSP	TRELO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

SECONDARY SYSTEMS

REACTOR POWER (AUCTION AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC F F

SUBCOOLING F F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

OTSG LEVELS OTSG A OTSG B
 STARTUP ??? IN ??? IN
 FULL RANGE 600.0 IN 600.0 IN
 OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
 DRILL USE ONLY

11:00

ALARM GROUP STATUS

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 3.45E+04 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 1.53E-03 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.2	5.4	MPH
10 M Wind Direction	190	190	Deg AZ
Sigma Theta	7.3	7.0	Deg AZ
Temperature Differential (60M-10M)	0.2	0.2	Deg F

Precipitation:

For last hour 0.00 inches

11:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 L'T 20510 0.0 FT

11:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R150198 Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

11:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

11:15

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

11:15

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 1.26E+04 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 5.60E-04 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.2	5.7	MPH
10 M Wind Direction	192	193	Deg AZ
Sigma Theta	7.3	7.0	Deg AZ
Temperature Differential (60M-10M)	0.2	0.2	Deg F

Precipitation:

For last hour 0.00 inches

11:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

11:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

11:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

11:30

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)	0.0	%		
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP		LOOP A		LOOP B
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A TRIP	/	0.00	MLB/HR	
RCP B TRIP	/	0.00	MLB/HR	
RCP C TRIP	/	0.00	MLB/HR	
RCP D TRIP	/	0.00	MLB/HR	
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	8.4 %	
		6	0.0 %	
		7	0.0 %	
		8	0.0 %	
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A		OTSG B	
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

FOR EMERGENCY PLAN
DRILL USE ONLY

11:30	ALARM GROUP STATUS								12/6/89
PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 3.30E+03 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 1.47E-04 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.6	5.8	MPH
10 M Wind Direction	195	195	Deg AZ
Sigma Theta	7.5	7.2	Deg AZ
Temperature Differential (60M-10M)	0.1	0.2	Deg F

Precipitation:

For last hour 0.00 inches

11:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/m;
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

11:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

11:30

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRRLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD	NORMAL	NORMAL		
DIESEL GEN A	STANDBY	AT	N/A	KW
DIESEL GEN B	STANDBY	AT	N/A	KW
INJECTION TO RCS				
HPI A	NORMAL	LOOP A	0.0	GPM
HPI B	NORMAL	LOOP B	0.0	GPM
MUP	TRIPPED	LOOP C	0.0	GPM
		LOOP D	0.0	GPM
	HPI	MAKEUP	0.0	GPM
		LTDOWN	0.0	GPM

BWST LEVEL 45.2 FT
CBAST LEVEL 4.8 FT

CORE FLOOD TANKS	A	0.0	FT
	B	0.0	FT
PRESSURE			
	A	N/A	PSIG
	B	N/A	PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8	F
	-0.1 PSIG	76.5	F
	-0.1 PSIG	77.3	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
N/A F
35.2 IN

CONT SPRAY PUMP A	N/A	GPM
CONT SPRAY PUMP B	N/A	GPM
CONT EME SUMP LVL	NORMAL	
LPI PUMP A	0.0	GPM
B	0.0	GPM

LPI

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
DRILL USE ONLY**

11:45

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F

RCP STATUS/FLOW

RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT

5	8.4 %
6	0.0 %
7	0.0 %
8	0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFW TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFW TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

11:45

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 6.08E+02 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 2.70E-05 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.3	5.4	MPH
10 M Wind Direction	193	194	Deg AZ
Sigma Theta	7.7	7.2	Deg AZ
Temperature Differential (60M-10M)	0.1	0.2	Deg F

Precipitation:

For last hour 0.00 inches

11:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr
 R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml
 Iodine OOS uCi/ml
 Gas (Low) 2.20E-06 uCi/ml
 Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG
 PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F
 Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL
 Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT
 LIT 20510 0.0 FT

11:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

11:45

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

	PRESS	TEMP	
CONTAINMENT	0.1 PSIG	77.8 F	F
	-0.1 PSIG	76.5 F	F
	-0.1 PSIG	77.3 F	F

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

12:00

ALARM GROUP SUMMARY

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCT AVG LIN) 0.0 %

REACTOR SHUTDOWN? TIME AND DATE?

RCS PRESS/TEMP LOOP A LOOP B

PRESS 0 PSIG 0 PSIG

HOT LEG TEMP 520.0 F 520.0 F

COLD LEG AVE 350.0 F 350.0 F

T AVE [] F [] F

CORE EXIT TC [] F [] F

SUBCOOLING [] F [] F

RCP STATUS/FLOW

RCP A TRIP / 0.00 MLB/HR

RCP B TRIP / 0.00 MLB/HR

RCP C TRIP / 0.00 MLB/HR

RCP D TRIP / 0.00 MLB/HR

FAILED FUEL (R426) 10E ??? uC/cc

PRESSURIZER LEVEL 0.0 IN

0.0 IN

0.0 IN

CONTROL ROD GROUP POSIT 5 8.4 %

6 0.0 %

7 0.0 %

8 0.0 %

RCS BORON CONC ??? PPM

ESTIMATED RCS LEAKAGE?

SECONDARY SYSTEMS

OTSG LEVELS OTSG A OTSG B

STARTUP ??? IN ??? IN

FULL RANGE 600.0 IN 600.0 IN

OPERATE 100.0 % 100.0 %

OTSG PRESS 0.0 PSIG 0.0 PSIG

OTSG ISOLATED?

MFV TO OTSG A 0.0 MLB/HR

B 0.0 MLB/HR

AFV TO OTSG A 0.0 GPM

B 0.0 GPM

COND STOR TANK LVL 48.0 FT

COND STOR VOL 446.0 KGAL

CONDENSER PRESS LP 0.0 IN HG

HP 0.0 IN HG

HEAT SINK IN USE? COND/ATMOS?

FOR EMERGENCY PLAN
DRILL USE ONLY

12:00

ALARM GROUP STATUS

12/6/89

PAM	INCORE	SPS	RPS	EfiC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 8.19E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 3.64E-06 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.1	5.2	MPH
10 M Wind Direction	189	189	Deg AZ
Sigma Theta	7.8	7.4	Deg AZ
Temperature Differential (60M-10M)	0.1	0.1	Deg F

Precipitation:
 For last hour 0.00 inches

12:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr

R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml

Iodine OOS uCi/ml

Gas (Low) 2.20E-06 uCi/ml

Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG

PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F

Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL

Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT

LIT 20510 0.0 FT

12:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	THBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R150198 Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

12:00

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

12:15

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS

REACTOR POWER (AUCTION AVG LIN)		0.0 %	
REACTOR SHUTDOWN? TIME AND DATE?			
RCS PRESS/TEMP	LOOP A		LOOP B
PRESS	0	PSIG	0 PSIG
HOT LEG TEMP	520.0	F	520.0 F
COLD LEG AVE	350.0	F	350.0 F
T AVE		F	
CORE EXIT TC		F	
SUBCOOLING		F	
RCP STATUS/FLOW			
RCP A TRIP	/	0.00	MLB/HR
RCP B TRIP	/	0.00	MLB/HR
RCP C TRIP	/	0.00	MLB/HR
RCP D TRIP	/	0.00	MLB/HR
FAILED FUEL (R426)	10E	???	uC/cc
PRESSURIZER LEVEL	0.0	IN	
	0.0	IN	
	0.0	IN	
CONTROL ROD GROUP POSIT		5	8.4 %
		6	0.0 %
		7	0.0 %
		8	0.0 %
RCS BORON CONC	???	PPM	
ESTIMATED RCS LEAKAGE?			

SECONDARY SYSTEMS

OTSG LEVELS		OTSG A		OTSG B	
STARTUP	???	IN	???	IN	
FULL RANGE	600.0	IN	600.0	IN	
OPERATE	100.0	%	100.0	%	
OTSG PRESS	0.0	PSIG	0.0	PSIG	
OTSG ISOLATED?					
MFW TO OTSG	A	0.0	MLB/HR		
	B	0.0	MLB/HR		
AFW TO OTSG	A	0.0	GPM		
	B	0.0	GPM		
COND STOR TANK LVL		48.0	FT		
COND STOR VOL		446.0	KGAL		
CONDENSER PRESS	LP	0.0	IN HG		
	HP	0.0	IN HG		
HEAT SINK IN USE? COND/ATMOS?					

**FOR EMERGENCY PLAN
DRILL USE ONLY**

12:15	ALARM GROUP STATUS	12/6/89
-------	---------------------------	---------

PAM	INCCRE	SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EFFLUENT DATA

RBS R15044

Rate 2.10E+01 UCI/SEC
 Flow 7.40E+04 SCFM
 Activity 5.99E-07 UCI/CC

ABGL R155046A

Rate 7.28E+00 UCI/SEC
 Flow 1.77E+01 SCFM
 Activity 5.60E-07 UCI/CC

ABS R15045

Rate 6.20E+01 UCI/SEC
 Flow 4.77E+04 SCFM
 Activity 2.75E-06 UCI/CC

Retention Basin

(R15017A) Outlet 1.89E-07 UCI/ML
 (R15017B) Inlet 2.10E-07 UCI/ML

Midas 15-Minute Average Meteorological Data

	<u>A Channel</u>	<u>B Channel</u>	
10M Wind Speed	5.8	6.2	MPH
10 M Wind Direction	181	181	Deg AZ
Sigma Theta	8.0	7.7	Deg AZ
Temperature Differential (60M-10M)	0.0	0.1	Deg F

Precipitation:
 For last hour 0.00 inches

12:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD FIRE	HVAC	RIS	SYSTEM	

Reactor Building Status

60 FT

R15049 9.05E-01 R/hr

R15050 1.30E+00 R/hr

Atmosphere R15100

Particulate OOS uCi/ml

Iodine OOS uCi/ml

Gas (Low) 2.20E-06 uCi/ml

Gas (High) 1.71E-03 uCi/ml

Pressure

PT53621 1.00E-01 PSIG

PT53622 -1.00E-01 PSIG

Temperature

Dome 77.8 DEG F

Fans 76.5 DEG F

Hydrogen

0.0 %

Drain Accum Tank

Level Hi NORMAL

Level HiHi NORMAL

Water Level

LIT 20509 0.0 FT

LIT 20510 0.0 FT

12:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

RP Plant Status

R15004 Condenser Air Ejector Xe133 Beta	4.50E-06	uCi/cc
R15019B Letdown Monitor Above 2 Mev	???	uCi/cc
R15020 Holdup Tank Discharge	OOS	uCi/cc
R15003 Waste Gas Header	5.97E-06	uCi/cc
R15047 Main Steam Line A	3.92E-01	mr/hr
R15048 Main Steam Line B	5.82E-01	mr/hr
R15701 CR/TSC HVAC	1.61E-06	uCi/cc
R15702 CR/TSC HVAC	2.27E-06	uCi/cc

12:15

Alarm Group Summary

12/6/89

PAM	INCORE	SPS	RPS	EFIC	CW	CRD	BFD A	BFD B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO	TSI
GENOG	APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

EMERGENCY CLASSIFICATION?

SAFETY SYSTEMS

SWITCHYARD NORMAL NORMAL
 DIESEL GEN A STANDBY AT N/A KW
 DIESEL GEN B STANDBY AT N/A KW

INJECTION TO RCS
 HPI A NORMAL LOOP A 0.0 GPM
 HPI B NORMAL LOOP B 0.0 GPM
 MUP TRIPPED LOOP C 0.0 GPM
 LOOP D 0.0 GPM
HPI MAKEUP 0.0 GPM
 LTDOWN 0.0 GPM

BWST LEVEL 45.2 FT
 CBAST LEVEL 4.8 FT

SAFETY SYSTEMS (CON'T)

PRT 0.0 PSIG
 N/A F
 35.2 IN

CONT SPRAY PUMP A N/A GPM
 CONT SPRAY PUMP B N/A GPM

CONT EME SUMP LVL NORMAL

LPI PUMP A 0.0 GPM
 B 0.0 GPM **LPI**

LPI/HPI WATER SOURCE?

RB H2 CONC 0.0 %

CORE FLOOD TANKS A 0.0 FT
 B 0.0 FT

PRESSURE
 A N/A PSIG
 B N/A PSIG

H2 PURGE IN PROGRESS?

RADIATION LEVELS **RAC1**

EMOV CLOSED SETPNT LOW

CONTAINMENT INTEGRITY **SFAS**

PRESS TEMP
 CONTAINMENT 0.1 PSIG 77.8 F
 -0.1 PSIG 76.5 F
 -0.1 PSIG 77.3 F

**FOR EMERGENCY PLAN
 DRILL USE ONLY**

12:30

ALARM GROUP SUMMARY

12/6/89

PAM INCORE SPS RPS EFIC CW CRD BFD A BFP B
 SIM DHS CFS RCPM FWH TRBM BRG REHTR MSP TRBLO TSI
 GENOG APS SWYD EHC NSS SD FIRE HVAC RIS SYSTEM

PLANT STATUS AND SYSTEM DATA

(PAGE 2 OF 2)

REACTOR PLANT SYSTEMS				
REACTOR POWER (AUCT AVG LIN)			0.0	%
REACTOR SHUTDOWN? TIME AND DATE?				
RCS PRESS/TEMP	LOOP A		LOOP B	
PRESS	0	PSIG	0	PSIG
HOT LEG TEMP	520.0	F	520.0	F
COLD LEG AVE	350.0	F	350.0	F
T AVE		F		F
CORE EXIT TC		F		F
SUBCOOLING		F		F
RCP STATUS/FLOW				
RCP A	TRIP	/	0.00	MLB/HR
RCP B	TRIP	/	0.00	MLB/HR
RCP C	TRIP	/	0.00	MLB/HR
RCP D	TRIP	/	0.00	MLB/HR
FAILED FUEL (R426)	10E	???	uC/cc	
PRESSURIZER LEVEL	0.0	IN		
	0.0	IN		
	0.0	IN		
CONTROL ROD GROUP POSIT		5	8.4	%
		6	0.0	%
		7	0.0	%
		8	0.0	%
RCS BORON CONC	???	PPM		
ESTIMATED RCS LEAKAGE?				

SECONDARY SYSTEMS				
OTSG LEVELS	OTSG A	OTSG B		
STARTUP	???	IN	???	IN
FULL RANGE	600.0	IN	600.0	IN
OPERATE	100.0	%	100.0	%
OTSG PRESS	0.0	PSIG	0.0	PSIG
OTSG ISOLATED?				
MFW TO OTSG	A	0.0	MLB/HR	
	B	0.0	MLB/HR	
AFW TO OTSG	A	0.0	GPM	
	B	0.0	GPM	
COND STOR TANK LVL		48.0	FT	
COND STOR VOL		446.0	KGAL	
CONDENSER PRESS	LP	0.0	IN HG	
	HP	0.0	IN HG	
HEAT SINK IN USE? COND/ATMOS?				

**FOR EMERGENCY PLAN
DRILL USE ONLY**

12:30 **ALARM GROUP STATUS** 12/6/89

PAM	INCORE SPS	RPS	EFIC	CW	CRD	BFD A	BFP B		
SIM	DHS	CFS	RCPM	FWH	TRBM	BRG	REHTR	MSP	TRBLO TSI
GENOG APS	SWYD	EHC	NSS	SD	FIRE	HVAC	RIS	SYSTEM	

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.1. Recognize and classify emergency conditions.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 1 and RS-1.

EVALUATION:

1. Did the SS recognize the initial off-normal event as a potential emergency?
2. Did the SS use EPIP 5001, Tab 18 to classify the initial event?
3. Did the SS classify the event as a UE?
4. If TSC was not activated, did the EC use EPIP 5001, Tab 4 to classify the Site Area Emergency?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Contr
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.2. Activate/augment the ERO and ERFs as appropriate.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2 and RS-5, 3, RS-7, RS-8, RS-11,
RS-10, RS-12 and RS-14

EVALUATION:

1. Did the EC designate a Communicator and a Recorder following the UE declaration?
2. Did the EC activate and dispatch appropriate RP teams, Emergency teams and/or Fire Brigade?
3. Did the EC order TSC activation following the declaration of the Alert (or earlier)?
4. Did the EC direct activation of the OSC?
5. If the TSC was not yet activated, did the EC direct activation of the EOF and the ENC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.3. Establish and maintain communication links with offsite agencies as required.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 4, RS-2 and RS-4

EVALUATION:

1. Did the Communicator demonstrate operation of the Voice Notification System phones?
2. Did the Communicator demonstrate operation of the Telecopier (hard copy) ?
3. Was consistent communication established with the NRC Incident Response Center (Red Phone)? (only if requested by the NRC)

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.4. Notify offsite agencies (Federal, State, and local) of emergency conditions and provide follow up notifications as required.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 4 and RS-2

EVALUATION:

1. Did the Communicator notify the Offsite Agencies within 15 minutes of the declaration of an Unusual Event and within 15 minutes of the declaration of an Alert?
2. If the TSC was not activated, did the Communicator notify the Offsite Agencies within 15 minutes of the declaration of a Site Area Emergency?
3. Did the EC verify each notification with the Communicator?
4. Did the Communicator provide updates to the counties and state hourly or when there was a change in status?
5. Did the Control Room notify the NRC within 1 hour of a declaration or escalation of the emergency classification?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.5. Transmit hardcopy Notification Form to the State and counties as soon as possible after verbal notifications have been completed.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2., 4. and RS-4.

EVALUATION:

1. Did the Communicator send a hard copy of the Notification Form to the Offsite Agencies at the Unusual Event and at the Alert?
2. If the TSC was not activated, did the Communicator send a hard copy of the Notification Form to the Offsite Agencies at the Site Area Emergency?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM CONTROLLER

OBJECTIVE: 2.1.6. Perform offsite dose projections as needed.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 10. and RS-23.

EVALUATION:

1. Did the EC order a dose projection calculation?
2. If ordered, did an operator perform a dose calc per EPIP 5430?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.7. Make Protective Action Recommendations as required.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 11. and RS-24

EVALUATION:

1. Was EPIP 5460 used to determine Protective Action recommendations?
2. Did the EC inform the Communicator of the appropriate Protective Action recommendations or fill in the forms personally?
3. Were the Protective Action Recommendations transmitted to the Offsite Agencies?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.8. Evaluate plant trends.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 1 and RS-1

EVALUATION:

1. Did the EC or other CR staff monitor IDADS and trend plant conditions?
2. Did the EC or other CR staff monitor SPDS and trend those parameters?
3. Was IDADS used to trend specific points?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.9. Inform onsite personnel of emergency status, plant conditions, and other information which may affect personnel safety.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3 and 4

EVALUATION:

1. Did the EC make a PA announcement following the declaration of an Unusual Event?
2. Did the EC make a PA announcement following the declaration of an Alert?
3. If the TSC was not activated, did the EC make a PA announcement following the declaration of a Site Area Emergency?
4. Was correct PA announcement made to inform personnel of early dismissal, dismissal or evacuation?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.10. Activate and direct the actions of the
Emergency Team.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: RS-36

EVALUATION:

1. Did the EC activate the Emergency Team?
2. Was the team briefed adequately?
3. Was radio contact maintained during the mission(s)?

NOTE: If any questions in the EVALUATION section are answered
no - please explain and provide recommendations in the
COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
Emergency Team Controller

1989 RANCHO SECO EXERCISE
CRITIQUE INPUT FORM

CONTRCLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.11. Perform turnover to the EC in the TSC and continue to provide information on plant conditions as requested.

- _____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 1 and RS-1

EVALUATION:

1. Did the EC (SS) provide the EC (TSC) with the appropriate turnover information?
2. Did the designated EC ensure Communicator turnover?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
EC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.12. Initiate accountability of onsite personnel.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 35 and RS-33

EVALUATION:

1. If an Alert or higher classification was declared and the TSC was not activated, did the EC implement EPIP 5310?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
Security / CAS Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.13. Use appropriate Casualty Procedures and
Emergency Operating Procedures in
conjunction with the Emergency Plan and
Emergency Plan Implementing Procedures.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 1 and RS-1.

EVALUATION:

1. Did the SS use C-30 for Message 3? (UE)
2. If the TSC was not activated, did the EC use C-49 for Site Area Emergency?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.14. Evaluate the need for early dismissal of non-essential personnel.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 35, RS-32 and RS-33

EVALUATION:

1. Did the EC use EPIP 5002 in consideration of an early dismissal?
2. If the EC decided upon early dismissal, did he implement EPIP 5310?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
Security / CAS Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: CONTROL ROOM LEAD CONTROLLER

OBJECTIVE: 2.1.15. Maintain emergency logs.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: NA

EVALUATION:

1. Did the EC's Recorder maintain records of CR activities during the emergency?
2. Did the EC brief the designated EC using these records?
3. Was appropriate paperwork given to the designated EC and the TSC Communicator(s) following turnover?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Control Room Lead Controller
EC Controller
TSC Communicator Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.1. Staff and declare the TSC operational.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 3 and RS-7

EVALUATION:

1. Did the EC refer to EPIP 5200 for activation guidance?
2. Did the EC ensure minimum staffing (per EPIP 5200) before activation?
3. Did the EC announce activation of the facility on his assumption of the EC duties?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Controller Room Lead Controller
TSC Lead Controller
EC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EC CONTROLLER

OBJECTIVE: 2.2.2. Receive turnover from Control Room staff.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4 and RS-7

EVALUATION:

1. Following declaration of an Alert (or earlier if appropriate), did the EC receive turnover from the Control Room EC (SS) per EPIP 5002, Attachment 7.2?
2. Did the designated EC ensure Communicator turnover?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
TSC Communicator Controller
Control Room Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.3. Direct activation of additional ERO and ERFs, as needed.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 3, RS-5 and RS-7

EVALUATION:

1. Were additional ERO/ERO Support personnel activated as needed?
2. If appropriate, was a shift change planned?
3. Were the EOF, UDAC, and the ENC activated at the appropriate times?
4. If an evacuation was ordered, was an Offsite Assembly Point activated?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.4. Recognize and classify emergency conditions.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 1 and RS-1 and RS-7

EVALUATION:

1. Did the EC consult with the Control Room on plant conditions?
2. Did the EC use EPIP 5001, Tab 4 to classify the Site Area Emergency?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC COMMUNICATOR CONTROLLER

OBJECTIVE: 2.2.5. Notify offsite agencies (Federal, State, and local) of emergency conditions, and provide follow up notifications as required.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 4, RS-2 and RS-7

EVALUATION:

1. If the TSC was activated, did the Communicator notify the Offsite Agencies within 15 minutes of the declaration of an Alert?
2. If the TSC was activated, did the Communicator notify the Offsite Agencies within 15 minutes of the declaration of a Site Area Emergency?
3. Did the Communicator notify the Offsite Agencies within 15 minutes of the declaration of a General Emergency?
4. Did the EC verify each notification with the Communicator?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
TSC Communicator Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC COMMUNICATOR CONTROLLER

OBJECTIVE: 2.2.6. Transmit hard copies of notifications and other critical documents to appropriate locations as soon as the documents become available.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 4, RS-4 and RS-7

EVALUATION:

1. If the TSC was activated, did the Communicator send a hard copy of the Notification Form to the Offsite Agencies at the Alert?
2. If the TSC was activated, did the Communicator send a hard copy of the Notification Form to the Offsite Agencies at the Site Area Emergency?
3. Did the Communicator send a hard copy of the Notification Form to the Offsite Agencies at the General Emergency?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
TSC Communicator Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.7. Inform onsite personnel of emergency status, plant conditions, and other information which may affect personnel safety.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3 and 4

EVALUATION:

1. Prior to dismissal or evacuation, were onsite personnel briefed via the PA?
2. Were Control Room personnel informed via the Operations Liaison and other channels?
3. Were OSC personnel informed via the TSC-OSC Liaison or other channels?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.8. Formulate and approve information for release to the public and the media. (District responsibility is limited to input on plant conditions).

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 13, 14, RS-7 and RS-26

EVALUATION:

1. Did the EC respond to any requests for information from the Nuclear Public Information Coordinator (NPIC)?
2. Did the EC approve any news releases (dealing only with plant conditions) prepared by the NPIC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.9. Evaluate onsite radiological conditions.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 6, RS-17, RS-18, RS-19, RS-20 and RS-21

EVALUATION:

1. Did the Radiological Assessment Coordinator:

- use IDADS to review Radiation Protection related data to provide necessary inplant Rad Protection direction?
- at the declaration of an Alert of higher emergency classification, direct the Rad Protection Logistics Coordinator in the OSC to implement EPIP-5345, "Onsite Out-of-Plant Radiological Monitoring"?
- evaluate the need for administration of Potassium Iodide for Response Teams per EPIP-5360, "Emergency Exposure Guidelines"?
- evaluate conditions requiring emergency exposure limits for Response Teams per EPIP-5360, "Emergency Exposure Guidelines"?
- provide the EC with a recommendation on the exposure limits?
- direct and coordinate all plant related Rad Protection operations through the TSC Rad Protection Logistics Coordinator?

(continued)

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORMS

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.9 Evaluate Onsite Radiological Conditions
(Continued)

EVALUATION:

Did the Radiological Assessment Coordinator:

- consider Emergency Grab samples per AP.313, "Emergency Grab Air-Sampling for R-15044, R-14045, and R-15546-A"?
- consider using the Post Accident Sampling System if appropriate?
- consider met conditions during assessment of the need for site evacuation?
- provide the EC with a recommendation on implementation of EPIP-5360, "Site Evacuation/Early Dismissal"?
- consider implementation of EPIP-5360, "Emergency Exposure Guidelines" when assessing radiological conditions in the TSC and/or CR?

Did the TSC Rad Protection Logistics Coordinator:

- Obtain two sets of High Radiation Area Door keys stored in the Control Room Key locker?
- forward one set of the keys to the OSC RPLC?
- form and direct the Radiological Support Team to assess radiological habitability in the TSC and Control Room?
- interface with the OSC Rad Protection Logistics Coordinator to provide updates on plant conditions for Response Team members?

Did the Radiological Support Team issue dosimetry to personnel in the TSC if appropriate?

(continued)

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.9 Evaluate Onsite Radiological Conditions
(Continued)

NOTE: If any questions in the EVALUATION section are answered
no - please explain and provide recommendations in the
COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
RAC Controller
OSC RPLC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.10. Perform offsite dose projections until relieved of that duty by UDAC.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 10, RS-1, RS-7 and RS-23

EVALUATION:

1. Were dose projections performed per EPIP 5440?
2. Were dose projections obtained from MIDAS or FASTCALC as soon as elevated release rates were indicated?
3. Was UDAC contacted to implement turnover of the dose projection responsibility?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
RAC Controller
UDAC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EC CONTROLLER

OBJECTIVE: 2.2.11. Make Protective Action Recommendations until relieved of that duty by the Emergency Manager.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 11, RS-7 and RS-24

EVALUATION:

1. Did the RAC provide PARs to the EC based on dose projections and EPIP 5460?
2. Did the EC order PARs based on EPIP 5460?
3. Were the PARs communicated to the Offsite Agencies?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
RAC Controller
Offsite ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EC and TSC LEAD CONTROLLERS

OBJECTIVE: 2.2.12. Evaluate plant trends.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: RS-1 and RS-7

EVALUATION:

1. Did the EC or other TSC staff monitor IDADS and trend plant conditions?
2. Did the EC or other TSC staff check with the Control Room on SPDS parameter trends (if appropriate)?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
CR Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.13. Coordinate operation of the OSC.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3, 4, RS-7 and RS-8

EVALUATION:

1. Did the TSC-OSC Liaison report on activation and operation of the OSC?
2. Did the TSC-OSC Liaison relay requests for support to the OSC and status of work to appropriate TSC staff?
3. Did the TSC-OSC Liaison give the OSC information after the EC briefings in the TSC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.14. Perform radiological surveys to verify habitability in the TSC and that TSC radiation exposure is kept as low as reasonably achievable (ALARA).

- _____ Met Objective
- _____ Did Not Meet Objective
- _____ Not Observed

ELEMENTS: 6, RS-7 and RS-43

EVALUATION:

1. Did the RAC order habitability surveys of the TSC?
2. Were habitability surveys of the TSC performed?
3. Were results of the habitability surveys communicated to the RAC?
4. Were appropriate actions taken if readings were elevated?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
RAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EC CONTROLLER

OBJECTIVE: 2.2.15. Authorize emergency exposure limits as appropriate.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 6, RS-7 and RS-20

EVALUATION:

1. Did the RAC review exposure limits per EPIP 5360 and advise the EC if any extensions were needed?
2. Did the EC authorize any needed exposure extensions and ensure documentation of that authorization?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
RAC Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.16. Gather data from the Control Room and OSC.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 4, RS-1 and RS-7

EVALUATION:

1. Did the Operations Liaison communicate with the Control Room and provide appropriate information to the TSC staff?
2. Did the TSC-OSC Liaison communicate with the OSC and provide appropriate information to the TSC staff?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
Control Room Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER
RAC CONTROLLER

OBJECTIVE: 2.2.17 Distribute data and provide assistance to the Control Room, Operations Support Center, Emergency Operations Facility, and Unified Dose Assessment Center.

- _____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3,4 and RS-7

EVALUATION:

1. Did the TSC provide information and assistance to other facilities as requested?
2. Did the TSC keep other facilities updated on plant conditions?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
TSC Lead Controller
OSC Lead Controller
EOF Lead Controller
UDAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.18. Provide access control to the TSC.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, RS-7

EVALUATION:

1. Did the Onsite Security Coordinator ensure security of the TSC per EPIP 5220?
2. Did security officers in the TSC provide access to the facility according to EPIP 5200?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EC and EM CONTROLLERS

OBJECTIVE: 2.2.19. Perform turnover to the EM/EOF and continue to provide information on plant conditions as requested.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 3, 4, RS-7 and RS-10

EVALUATION:

1. Did the EC turn over responsibility for PARs to the EM/EOF after UDAC assumed dose projection responsibility?
2. Did the EC brief the EM and turn over responsibility for offsite District activities?
3. Did the TSC staff continue to support the EOF and provide requested information in a timely manner?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
Offsite District ERF Lead Controller
EOF Lead Controller
EM Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.21. Initiate the collection of particulate and charcoal filters from an effluent sampling system.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 8, 9, RS-1, RS-7, RS-23 and RS-43

EVALUATION:

1. Did the RAC order samples of appropriate stacks and/or vents?
2. Were the stack/vent samples taken?
3. Were charcoal/AgZ and particulate samples obtained?
4. Were results of these samples obtained by the TSC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
RAC Controller
OSC Lead Controller
RP Logistics Support Coord. Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAC CONTROLLER

OBJECTIVE: 2.2.22. Periodically request UDAC to provide PAR updates. relieved of that duty by UDAC.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 11 and RS-24

EVALUATION:

1. Did a member of the RAC staff periodically question the DAC Communicator regarding PARs?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
RAC Controller
UDAC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EC CONTROLLER

OBJECTIVE: 2.2.23. Discuss plant reentry and recovery plans.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4, 33, RS-7 and RS-10

EVALUATION:

1. Did the EC confer with the EM on re-entry/recovery and implement EPIP 5210?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller
EC Controller
Offsite District ERF Lead Controller
EOF Lead Controller
EM Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TSC LEAD CONTROLLER

OBJECTIVE: 2.2.24. Maintain emergency logs.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: NA

EVALUATION:

1. Did the TSC staff maintain logs of their activities?
2. Did clerical staff maintain the EC Log?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
TSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.1. Staff and declare the OSC operational.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 3, 5 and RS-8

EVALUATION:

1. Did the OSC Coordinator activate the OSC per EPIP 5300?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC CONTROLLER

OBJECTIVE: 2.3.2. Establish and maintain communication link
with the TSC..

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4, and RS-8

EVALUATION:

1. Did the OSC Coordinator maintain communications with the TSC/
OSC Liaison?

NOTE: If any questions in the EVALUATION section are answered
no - please explain and provide recommendations in the
COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
TSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.3. Receive directions/initial briefing from the TSC.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4 and RS-8

EVALUATION:

1. Did the TSC/OSC Liaison or other TSC staff provide an initial briefing to the OSC Coordinator?
2. Did the TSC/OSC Liaison provide directions to the OSC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
TSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.4. Perform accountability of onsite personnel.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS:

EVALUATION:

1. Did the OSC Coordinator:

- Obtain a list of all badge numbers of persons accounted for at the Control Room, TSC, and Security Buildings and check it against the list of missing personnel?
- call the Control Room and request the names of personnel out in the plant?
- declare accountability complete after identifying those personnel not accounted for on the facility lists?
- announce the missing personnel names and request them to call a designated extension?
- direct a "Search and Rescue" effort if people are still missing?

(continued)

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.4. Perform accountability of onsite
personnel.
(Continued)

EVALUATION:

NOTE: If any questions in the EVALUATION section are answered
no - please explain and provide recommendations in the
COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Control Room Lead Controller
TSC Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.5. Perform radiological surveys to verify OSC habitability.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 6, RS-8 and RS-43

EVALUATION:

1. Did the RP Logistics Coordinator order habitability surveys of the OSC?
2. Were habitability surveys of the OSC performed?
3. Were results of the habitability surveys communicated to the RP Logistics Coordinator?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.6. Perform onsite radiological monitoring.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 6,7,8,9 and RS-22

EVALUATION:

1. Did Rad Protection teams sent from the OSC perform onsite radiological monitoring per EPIP-5345, "Onsite Out-of-Plant Radiological Monitoring and Environmental Sampling"?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
OSC RPLC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.7. Perform offsite radiological monitoring using equipment for measurement of airborne radioidine in the presence of noble gases.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 7, 8, 9 and RS-22

EVALUATION:

1. Did Rad Protection teams sent from the OSC perform offsite radiological monitoring per EPIP-5350, "Offsite Radiological Monitoring and Environmental Sampling"?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.8. Demonstrate exposure control involving contamination control.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 6 and RS-19

EVALUATION:

1. Did Rad Protection teams turn in dosimetry upon returning to the OSC?
2. Were members of teams checked for contamination upon returning to the OSC after an assignment?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
OSC RPLC Controller

1989 RANCHO SECO EXERCISE
CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.9. Provide access control to the OSC.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3 and RS-8

EVALUATION:

1. Did Security maintain access control to the OSC per EPIP-5220 and EPIP-5300?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
OSC RPLC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.10. Coordinate with Security to ensure emergency responders have access to plant areas of interest.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, RS-8 and RS-11

EVALUATION:

1. Did the OSC staff confer with the Onsite Security Coordinator or other Security personnel to ensure access to all areas for emergency responders?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
Security/CAS Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.11. Activate and direct the actions of the emergency repair teams.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3 and RS-8

EVALUATION:

1. Did the Maintenance Logistics Coordinator and the RP Logistics Coordinator activate and dispatch Response Teams per EPIP 5305?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
Response Team Controllers

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RAD MONITORING TEAM CONTROLLER

OBJECTIVE: 2.3.12. Collect particulate and charcoal filters from an effluent sampling system as directed by the TSC.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 8, 9, RS-1, RS-8, RS-23 and RS-43

EVALUATION:

1. If directed, did OSC personnel obtain particulate and charcoal/AgZ samples from plant stacks/vents per EPIP 5390?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
Sampling Team Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RP LOGISTICS COORDINATOR CONTROLLER

OBJECTIVE: 2.3.13. Perform exposure control by initiating personnel monitoring and decontamination as required.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 6, RS-8 and RS-18

EVALUATION:

1. Was personnel monitoring performed at the OSC?
2. If required, was (simulated) decontamination performed per EPIP 5385?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller
RP Logistics Coordinator Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.14. Perform turnover of information from SMUD
offsite monitors to county offsite
monitors.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 4, 6, 7, 8, 9 and RS-22

EVALUATION:

1. Did SMUD team brief county team on radiation levels encountered and locatin?
2. Did SMUD team brief county team on update of release information and any other information?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
Offsite RP Team Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: OSC LEAD CONTROLLER

OBJECTIVE: 2.3.15. Maintain emergency logs.

Met Objective
 Did Not Meet Objective
 Not Observed

ELEMENTS: NA

EVALUATION:

1. Did OSC staff maintain logs of emergency activities?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Onsite ERF Lead Controller
OSC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EOF LEAD CONTROLLER

OBJECTIVE: 2.4.1. Staff and declare the EOF operational.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 2, 3 and RS-10

EVALUATION:

1. Did Security initiate activation per EPIP 5400?
2. Did the EM activate the EOF per 5400?
3. Did the EM announce (over the PA) activation of the EOF?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
UDAC Lead Controller
Plant Status Controller
Emergency Manager Controller
Security Controller
ENC Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EOF LEAD CONTROLLER

OBJECTIVE: 2.4.2. Receive turnover from the TSC and assume responsibility for PARS.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 13, 18 and RS-10

EVALUATION:

1. Did the EM receive an initial briefing from the EC?
2. Did the EC turn over PARS to the EM?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
UDAC Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EM CONTROLLER

OBJECTIVE: 2.4.3. Verify activation of UDAC and the ENC.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3, 4, 5, RS-10, RS-12 and RS-14

EVALUATION:

1. Did the EM or a representative verify activation of UDAC?
2. Did the EM or a representative verify activation of the ENC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
EM Controller
UDAC Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: SECURITY / EOF CONTROLLER

OBJECTIVE: 2.4.4. Provide access control for the EOF.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3 and RS-11

EVALUATION:

1. Did the Offsite Security Coordinator ensure access control for the EOF AND UDAC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
Security / EOF Controller
EOF Lead Controller
UDAC Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EM CONTROLLER

OBJECTIVE: 2.4.5. Make PARS based on input from the DAC in UDAC.

- _____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 11, RS-10 and RS-24

EVALUATION:

1. Did the EM or his representative confer with the DAC concerning District PARS per EPIP 5460?
2. Were the PARS presented at the EOF Briefings in addition to the UDAC PARS?

NOTE: If any questions on the Evaluation Criteria are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EM Controller
UDAC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EOF LEAD CONTROLLER

OBJECTIVE: 2.4.6. Inform County and State decision makers about plant conditions, District PARs, and response activities via EOF Briefings, discussions, and facsimile transmissions.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4, RS-4 and RS-10

EVALUATION:

1. Did the EM and EOF District staff brief the Offsite Agencies concerning plant conditions, District PARs, and District response activities?
2. Were telecopies of EOF Briefing Data sent to Offsite Agencies prior to the EOF Briefings?
3. Did EM follow established EOF Briefing Agenda?

NOTE: If any questions on the Evaluation Criteria are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EM and EOF LEAD CONTROLLERS

OBJECTIVE: 2.4.7. Perform coordinated decision making activities with County, State, and District personnel.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3, 11 and RS-10

EVALUATION:

1. Did EOF Briefings/decision making include District, UDAC, County Liaisons, Sacto County decision maker(s) and State representatives?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
EM Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EM CONTROLLER

OBJECTIVE: 2.4.8. Formulate and approve information for release to the public and the media. (District responsibility limited to input on plant conditions).

- _____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 13, RS-10 and RS-26

EVALUATION:

1. Did the EM or appropriate EOF staff formulate information for news releases concerning District actions and plant conditions?
2. Did the EM approve the news releases?
3. Were news releases properly posted in the EOF?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EM Controller
LNC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EM and EOF LEAD CONTROLLERS

OBJECTIVE: 2.4.9. Discuss plant reentry and recovery plans.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 33 and RS-10

EVALUATION:

1. Did the EM and EOF staff confer with the EC and formulate re-entry and recovery plans per EPIP 5210?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
EM Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: TELECOPY and EOF LEAD CONTROLLERS

OBJECTIVE: 2.4.10. Transmit hardcopies of news releases, briefing forms, data sheets, and other critical documents to appropriate agencies as soon as the documents become available.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 4, RS-4 and RS-10

EVALUATION:

1. Did EOF telecopy personnel transmit copies of documents such as UDAC Briefing Forms to offsite agencies?
2. Were other documents transmitted as requested?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
Telecopy Controller
Offsite Agency ERF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EOF LEAD CONTROLLER

OBJECTIVE: 2.4.11. Maintain emergency logs.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: NA

EVALUATION:

1. Did the EOF staff maintain logs of their activities?
2. Did the EM's Recorder maintain the EM log?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: UDAC CONTROLLER

OBJECTIVE: 2.5.1. Staff and declare the UDAC operational
to the UDAC Staff and Emergency
Manager.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 5 and RS-12

EVALUATION:

1. Did the UDAC Manager activate UDAC per the UDAC procedure?
2. Was the EM notified of UDAC readiness?

NOTE: If any questions in the EVALUATION section are answered
no - please explain and provide recommendations in the
COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
EM Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: UDAC CONTROLLER

OBJECTIVE: 2.5.2. Establish and maintain a communication link with the TSC.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3, 4 and RS-12

EVALUATION:

1. Did the DAC Communicator establish and maintain communications with the TSC (RAC Communicator)?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
RMC Controller
DAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC CONTROLLER

OBJECTIVE: 2.5.3. Receive turnover from the TSC and assume responsibility for offsite dose projections.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 4, 5, 10, RS-1, RS-12 and RS-23

EVALUATION:

1. Did the DAC Communicator receive turnover from the RAC Communicator?
2. Did the DAC Communicator receive notice that dose assessment responsibility was being turned over to UDAC?
3. Did the TSC and UDAC perform a parallel calculation to ensure continuity of projections?
4. Did the fact that UDAC was accepting responsibility for offsite dose projections reach the RAC and the EC in the TSC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller
Onsite ERF Lead Controller
TSC Lead Controller
RAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC and RMC CONTROLLERS

OBJECTIVE: 2.5.4. Gather data from the TSC and field monitoring teams.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3, 4, 7, RS-1, RS-12 and RS-22

EVALUATION:

1. Did the DAC Communicator continue to obtain plant information from the RAC Communicator?
2. Did the RMC Communicator continue to obtain field monitoring data from the field teams?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller
RMC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC CONTROLLER

OBJECTIVE: 2.5.5. Perform comparison calculations between the UDAC and TSC dose projections.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 4, RS-12 and RS-23

EVALUATION:

1. During turnover, or at some subsequent point, did the TSC and UDAC perform a common calculation to ensure accuracy?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller
RAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC CONTROLLER

OBJECTIVE: 2.5.6. Perform dose assessment and evaluate
offsite impact of releases/potential
releases.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 3, 5, 10, RS-1, RS-12 and RS-23

EVALUATION:

1. Did the DAC/DAC Assistant perform dose calcs per EPIP 5450?
2. Did the State QC team check the dose calcs?
3. Did the UDAC staff evaluate the consequences of the projected doses and/or actual doses?

NOTE: If any questions in the EVALUATION section are answered
no - please explain and provide recommendations in the
COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC and RMC CONTROLLERS

OBJECTIVE: 2.5.7. Analyze potential differences between projected doses and field data and evaluate implications of these differences on Protective Action Recommendations (PARs).

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 10, RS-1 and RS-12

EVALUATION:

1. Did the UDAC staff reconcile differences between field data and dose projections from EPIP 5450?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller
RMC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: UDAC CONTROLLER

OBJECTIVE: 2.5.8. Formulate PARs.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 11, RS-1, RS-12 and RS-24

EVALUATION:

1. Did UDAC formulate PARs based on the UDAC procedure?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: EOF LEAD CONTROLLER

OBJECTIVE: 2.5.9. Inform decision makers, through EOF Briefings, of the radiological consequences of the event, and provide PARs warranted by those consequences, such as the use of KI.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4, 6, 16, RS-12 and RS-17

EVALUATION:

1. Did the UDAC/EOF Liaison present PARs and UDAC recommendations for exposure control at the EOF briefings?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
EOF Lead Controller
UDAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC and EM CONTROLLERS

OBJECTIVE: 2.5.10. Provide District PARS to the Emergency Manager.

- _____ Met Objective
- _____ Did Not Meet Objective
- _____ Not Observed

ELEMENTS: 4, RS-12 and RS-24

EVALUATION:

1. Did the DAC prepare District PARS for the EM based on EPIP 5450 and 5460?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
DAC Controller
EM Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: UDAC CONTROLLER

OBJECTIVE: 2.5.11. Inform UDAC members of protective action decisions and emergency response activities discussed at EOF Briefings.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: RS-12.

EVALUATION:

1. Did the UDAC/EOF Liaison brief the UDAC staff on his return from EOF briefings?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC CONTROLLER

OBJECTIVE: 2.5.12. Provide PAR actions to the TSC as the actions are identified and posted.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4 and RS-12

EVALUATION:

1. Did the DAC Communicator keep the TSC informed of PARs (through the RAC Communicator)?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller
RAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: UDAC CONTROLLER

OBJECTIVE: 2.5.13. Perform initial and follow up briefings
with UDAC staff.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 3, 4 and RS-12

EVALUATION:

1. Did the UDAC Manager, UDAC/EOF Liaison and UDAC/Plant Information Coordinator periodically brief the staff on PARS, plant conditions and changes in emergency conditions?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: DAC CONTROLLER

OBJECTIVE: 2.5.14. Perform quality assurance checks of all dose assessment calculations.

- ____ Met Objective
____ Did Not Meet Objective
____ Not Observed

ELEMENTS: RS-12 and RS-23.

EVALUATION:

1. Did the State QC Team validate all the DAC dose calcs?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller
DAC Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: UDAC CONTROLLER

OBJECTIVE: 2.5.15. Maintain emergency logs.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: NA

EVALUATION:

1. Did UDAC staff maintain their logs?
2. Did the Briefing Clerk maintain records for all UDAC Briefing forms?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
UDAC Controller

1989 RANCH SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.1. Staff and declare the ENC operational.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 2, 5 and RS-14

EVALUATION:

1. Did the ENC Manager activate the ENC per EPIP 5501?
2. Did the ENC Supervisor supervise the setup per EPIP 5516?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller
EOF Lead Controller

1989 RANCH SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.2. Provide access control for the ENC.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 2, 5 and RS-14

EVALUATION:

1. Did Security Officers ensure access control for the ENC?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC CONTROLLER

OBJECTIVE: 2.6.3. Establish and maintain communication with the EOF.

- _____ Met Objective
- _____ Did Not Meet Objective
- _____ Not Observed

ELEMENTS: 4 and RS-14

EVALUATION:

1. Were telephones initially tested per EPIP 5516?
2. Did ENC staff communicate with the EOF, principally through the NPIC (EPIP 5503)?
3. Did ENC Supervisor ensure available lines of communication?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.4. Receive initial briefing and direction from the EOF (or TSC or Control Room if appropriate).

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 4 and RS-14

EVALUATION:

1. Did the NPIC obtain initial briefing per Attachment 1 to EPIP 5503?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller
EOF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.5. Schedule and conduct media briefings following the Emergency Manager's approval of plant condition information.

- ____ Met Objective
____ Did Not Meet Objective
____ Not Observed
-

ELEMENTS: 14, RS-14 and RS-26

EVALUATION:

1. Did the NPIC conduct briefings per EPIP 5503?
2. Did the District Technical Spokesperson support the NPIC per EPIP 5504?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.6. Conduct background and technical briefings.

_____ Met Objective

_____ Did Not Meet Objective

_____ Not Observed

ELEMENTS: 13, 14 and RS-14

EVALUATION:

1. Did the NPIC conduct a background briefing per EPIP 5503?
2. Did the District Technical Spokesperson conduct technical briefings per EPIP 5504?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller
EOF Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.7. Inform District employees of emergency conditions and response activities.

- _____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed
-

ELEMENTS: 13, RS-14

EVALUATION:

1. Did the Employee Communications Coordinator audio record current news releases onto Power Line Phone (may be simulated)?
2. Were all District News Releases pasted up on "Power Line" masthead?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: RUMOR CONTROL CONTROLLER

OBJECTIVE: 2.6.8. Establish and operate rumor control.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: 15 and RS-14

EVALUATION:

1. Did the Rumor Control Coordinator operate rumor control per EPIP 5506?
2. Did the Telephone Communicators - Public and Media, track and report rumors per EPIP 5508 and EPIP 5514?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller
Rumor Control Controller

1989 RANCHO SECO EXERCISE

CRITIQUE INPUT FORM

CONTROLLER: ENC LEAD CONTROLLER

OBJECTIVE: 2.6.9. Maintain emergency logs.

_____ Met Objective
_____ Did Not Meet Objective
_____ Not Observed

ELEMENTS: NA

EVALUATION:

1. Did ENC personnel maintain and update emergency logs?

NOTE: If any questions in the EVALUATION section are answered no - please explain and provide recommendations in the COMMENTS Section below.

COMMENTS:

DISTRIBUTION: Exercise Director
Timeline Coordinator
Offsite District ERF Lead Controller
ENC Lead Controller

SACRAMENTO MUNICIPAL UTILITY DISTRICT
RANCHO SECO
1989 ANNUAL EXERCISE