

Schedule of Events

<u>Date</u>	<u>Time</u>	<u>Place</u>	<u>Event/Attendance Required</u>
10/12/93	1300-1600	MNS TR-155	Controller/Evaluator Training
10/14/93	0900-1200	MNS TR-155	Player Training
10/19/93	1300-1500	MNS TR-155	Controller/Evaluator Pre-brief
10/20/93			Annual Exercise
10/20/93	After Drill	MNS TR-155	Player Critique
10/21/93	0900-1200	MNS TR-155	* Controller/Evaluator Critique
10/21/93	1430-	MNS TR-155	NRC Critique

* Controllers that will need to attend the NRC Critique will be determined at this critique.

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McGuire Nuclear Station

I. SCOPE AND OBJECTIVES

A. Scope

The 1993 McGuire Nuclear Station annual exercise is designed to meet the exercise requirements of 10CFR50, Appendix E, Section IV.7. The exercise will be conducted on October 20, 1993.

This exercise will involve participation of McGuire Nuclear Station emergency response personnel. The State and Counties will participate by staffing pre-designated relocation shelters and vehicle monitoring and decontamination stations. The Emergency Operations Facility (EOF) will participate.

The Annual Fire Drill and the Annual Medical drill will be part of the annual exercise.

A formal critique including Duke Power and the NRC will be held at 1430, October 21, 1993 at McGuire Nuclear Station. This critique will be closed to the public.

B. Exercise Objectives (Duke Power Emergency Organization Emergency Management)

1. Demonstrate the ability to declare emergency classifications in accordance to procedures.
2. Demonstrate the ability to notify the States and Counties within fifteen minutes after declaring an emergency or after changing the emergency classification.
3. Demonstrate proper use of the message format and authentication methodology for messages transmitted to States and Counties.
4. Demonstrate the ability to alert, notify, and staff the TSC, OSC, and EOF facilities after declaring an Alert or higher emergency class.
5. Demonstrate precise and clear transfer of responsibility from the Shift Supervisor (Emergency Coordinator) in the Control Room to the Emergency Coordinator in the TSC.

6. Demonstrate the ability to notify the NRC not later than one hour after declaring one of the emergency classes.
7. Demonstrate assembly of station personnel within 30 minutes in a simulated emergency and provide accountability for any not present at the assembly locations.
8. Test communications equipment among on-site emergency facilities including plant extensions and intercoms.
9. Test off-site communications equipment to the County and State warning points, County and State Emergency Operations Centers and to the NRC including the Selective Signal System and the NRC Emergency Notification System.
10. Test the adequacy and operability of emergency equipment/supplies.
11. Evaluate the adequacy of the following assessment tools, as applicable:
 1. Drawings
 2. Data Displays
 3. Maps
12. Demonstrate precise and clear transfer of responsibility from the Emergency Coordinator in the TSC to the Emergency Operations Facility Director.

Accident Assessment

13. Demonstrate the ability to transmit data using the "Emergency Operations Facility Data Transmittal System in accordance with procedures and to distribute this data throughout the EOF.
14. Demonstrate the ability to provide data to the TSC and OSC in accordance with station procedures.
15. Demonstrate the ability to locate a simulated, radioactive plume and to measure the off-site radiation levels.
16. Demonstrate adequate radio communications between the off-site monitoring teams and the TSC/EOF.
17. Demonstrate the ability to develop off-site dose

projections in accordance with procedures.

18. Demonstrate the ability to collect soil, water and vegetation samples in accordance with procedures.
19. Demonstrate the ability to continuously monitor and control emergency worker exposure.
20. Demonstrate the ability to determine on-site radiation levels and airborne radiiodine concentrations.

Protective Action Recommendations

21. Demonstrate the ability to provide timely and appropriate protective action recommendations to off-site officials in accordance with station procedures.

Plant Operations

22. Demonstrate the ability to assess the incident and provide mitigation strategies.

Fire Drill

23. Demonstrate proper plant personnel response to a simulated fire emergency and timely backup assistance from the off-site fire support agency.

Medical Drill

24. Demonstrate proper response to a simulated medical emergency involving a contaminated patient in accordance with station procedures.

Other

25. Demonstrate resolution of previous exercise findings (weaknesses, deficiencies) identified by evaluators, QA, or NRC, as applicable.

CONDUCT OF EXERCISE

A. Exercise Organization

The Exercise Organization is made up of controllers, evaluators, observers, players and trainees as described below.

Controller/Evaluators

Controllers and evaluators are assigned to specific locations and/or groups as described in part B of this section.

Controllers and evaluators are selected based on their expertise or qualifications to evaluate their assigned area.

In many instances, one person may serve in a dual capacity as both controller and evaluator. Duke Power controllers and evaluators will be identified by wearing armbands or tags.

Controllers are responsible for:

- 1) Maintaining action according to the scenario.
- 2) Providing input messages and data.

Controllers will provide simulated plant parameters and information in the form of exercise messages to appropriate players throughout the exercise.

Evaluators are responsible for:

- 1) Observing players as they work in their specialized functions
- 2) Compiling observations and judgments onto the evaluation forms
- 3) Generation "good practices" and or "action items," as appropriate.

Evaluators will observe players response to the messages and data sheets they are given. Each evaluator should generate a chronology of events observed throughout the exercise. Following the exercise, evaluation sheets should be completed and action items and/or good practices developed.

Observers

Observers from Duke Power, other utilities, and State and local officials may be authorized to observe various aspects of the exercise. Participation will be limited to observing player actions only. Observers should not interact with players during the exercise

Observers will be identified by wearing armbands or tags.

Players

Players include Duke Power personnel assigned to perform functions of the Emergency Plan in the Control Room, Technical Support Center, Operational Support Center, Emergency Operations Facility and other Company personnel that may be assigned as players.

The success of the exercise is largely dependent on player reaction and knowledge of the emergency plan and procedures. Some information and situations affecting player reaction will exist at the time the exercise begins (initial conditions). Most of this input, however, will be introduced by controllers throughout the course of the exercise. Players are responsible for initiating actions according to the procedures, responsibilities, and tasks outlined for their particular function in the emergency plan and implementing procedures.

Players should react to scenario information as it is presented to them. During the exercise is not the appropriate time to critique and comment on the scenario data or information. This does not mean, however, that questions cannot be asked of controllers to provide clarification, if needed.

B. Controller/Evaluator Assignments

<u>Function</u>	<u>Number of Controller/Evaluators</u>
Exercise Director	1
Simulator Control Room	3
TSC Overall	1
TSC Radiation Protection	1
TSC Data	1
TSC Off-Site Agency Communications	1
OSC Safety	2
OSC Security	1
OSC Overall	1
OSC Radiation Protection	3
OSC Chemistry	1
OSC Maintenance	2
OSC Instrument and Electrical	3
OSC Operations	3
Off-site Rad. Monitoring	4
EOF Overall	2
EOF Rad. Assessment	2
EOF Accident Assessment	1
Emergency Communications	1
News Group	2

C. Exercise Messages and Data

White message sheets with notes to controllers are kept by the controller/evaluators to allow review of those actions that the players should initiate. Colored message sheets without the notes to controllers will be given to the players at the indicated times. Contingency messages will be given to the players, as necessary, to keep the scenario on track or to provide information contingent upon player actions.

The scenario will be driven by the simulator. Operators will receive indications directly from the simulator at the training center. Personnel at other locations will receive simulated plant data either through the data transmittal system (with pre-programmed exercise data) or through other communications. Hardcopy data sheets showing "snapshots" of plant parameters will be printed and given to the players in the simulator area, TSC and OSC if a problem occurs with the simulator.

Off-site and on-site radiological monitoring data will be provided to the players after an actual reading has been made. Radiological and chemistry sample results will be provided after samples are pulled and analyzed. Any exceptions are noted in exercise messages.

D. Exercise Rules

1. Initial plant conditions will be given to players prior to the start of the exercise. This information will only be given to those persons that would normally be aware of such information.
2. Controllers will be available in the Technical Support Center, Operational Support Center, Simulator Control Room Emergency Operations Facility and field monitoring vehicles. Controllers will provide message sheets, data sheets, on-site/off-site radiological data, or other information, as appropriate, for players to respond to. Scenario data will only be provided to players after they have gone to the persons or places where that data would be available in an actual emergency.
3. Player response should be real-time, with no simulated actions unless directed otherwise by the controller. Generally, emergency response activities should be performed fully and NOT simulated unless personnel safety, plant safety, or unit operation would be jeopardized.

4. For ALARA reasons, exercise participants should not enter actual high radiation areas. Instead, players should go to the general area and make the controller aware of their intended response.
5. If a procedure must be simulated, it is the player's responsibility to ensure that the controller is fully aware of any actions taken. If information is needed for p[layer response, it is appropriate to ask questions of the controller. HOWEVER, DO NOT TALK TO CONTROLLERS UNLESS ABSOLUTELY NECESSARY.
6. Respirators do not have to be worn by exercise participants. Administrative controls for respirator issue, however, will be followed. Radiation Protection will issue a tag to indicate that a respirator is being worn, and tag out the respirator being issued. Air bottles will be real-time (approximately 30 minutes supply per bottle).
7. Anti-C's will be worn by players if required by Radiation Protection practices or procedure. NO exceptions will be allowed unless directed otherwise by the controller.
8. All phone and radio communications required by procedure will be made unless directed otherwise by the controller. Calls generally should not be made to persons, groups or organizations that are not participating in the exercise. Communications should begin and end with the statement "This is a drill."
9. Once Site Assembly has been achieved, those persons not directly participating in the exercise will be told to return to their normal work area.
10. Site evacuation of non-essential personnel, if required, will be simulated.
11. A helicopter for off-site monitoring, if needed, will be simulated.
12. Players will be identified by colored armbands or tags. Controllers, evaluators observers, and trainees will be identified by appropriately labelled armbands or tags.

13. Observer participation will be limited to observing player actions only. Observers should not interact with players during the exercise.

III. CRITIQUE

Critiques should serve as a feedback mechanism to identify and correct faults discovered during the exercise. The discussions held by key players and controller/evaluators during the critiques are often the only opportunity for integrating all comments and developing an accurate overall picture of performance during an exercise. The written logs and comments of each controller/evaluator will provide valuable information for later evaluation. However, each individual is capable of viewing only a small portion of an entire exercise and, in some cases, views only a small portion of a particular task. The critiques serve to clear up misconceptions that may result from limited individual viewpoints, and help participants put all of the comments in perspective.

Process

Controller/evaluators should attend the player critique to obtain any information that may have been missed or misunderstood during the exercise in order to provide for a more thorough evaluation.

Immediately following the player critique, the lead controllers (for TSC, OSC, Off-Site, Control Room, and EOF) should meet with the controller/evaluators in their area of evaluation. Each controller/evaluator should complete and sign their evaluation form and generate action items and/or good practices (see sections below instructions). The lead controller should then work with group members to determine if the exercise objectives were adequately met and to ensure action items are written for objectives that were not met. Additional action items may also be generated for areas where improvement is needed. The lead controller should compile all evaluation sheets and action items/good practices for the group. When complete, the group should meet and key players in their area of evaluation to review the items and make adjustments, as necessary, if an item(s) was born out of a misunderstanding or misconception.

After meeting with the player, the lead controller should make a copy of the evaluation sheets and items. The originals should be given to the Exercise Director and the copies should be retained by the lead controllers.

When all lead controllers have completed the above tasks, the controller critique can be held. All controller/evaluators should be present. The Exercise Director will lead the critique with each lead controller presenting information for his/her group. The lead controller should first discuss any

objectives in his/her area that were not met and why. Then, each action item and good practice should be discussed. Each item presented will be open for discussion. Any controller aware of any information that could change or nullify an item should present the information to the group. At the end of the critique, the Exercise Director may ask that certain controllers attend the NRC critique, particularly if significant problems were identified in an area of evaluation.

Key players, in addition to controllers requested by the Exercise Director, should attend the NRC critique. During the critique, the following persons or groups will provide comments.

- A. Emergency Coordinator (Players comments)
- B. Exercise Director (Controller/evaluator comments)
- C. Observers (if any)
- D. NRC

Each item presented will be open for discussion. Any player or controller aware of any information that could change or nullify and item should present the information to the group.

Following the critique, the Exercise Director will combine the critique comments into an action item list. If any questions remain regarding any item identified, the authoring evaluator may be asked to conduct individual interviews with the players involved in order to gather necessary information to complete the item or to determine the root cause. The Station Emergency Planning Manager and/or the Exercise Director may also conduct interviews, as necessary. The individual item will be assigned to appropriate members of the organization for resolution. The Station Emergency Planning Manager will be responsible for follow-up to ensure implementation of corrective measures.

Evaluation Forms

Evaluation forms have been developed to allow review of the specific exercise objectives stated in part I of this exercise plan. Where an objective is not rates as having been completed in an adequate manner, the evaluator will elaborate on the back of the sheet and refer to the associated action item(s). Even if an objective is adequately met, the evaluator may make suggestions for improvement.

Outstanding performances should also be recognized where player actions are clearly exemplary.

Exercise Good Practice and Action Item Forms

Controller/evaluators are requested to use their written logs

and evaluation sheets to generate action item findings. Using 'Exercise Action Item' forms, complete the 'Findings' section for each identified item. Example action item forms are available to provide guidance for completing these forms.

The finding should state the action, behavior, or conditions observed that were unacceptable or in need of improvement. Ensure appropriate detail is provided in order to adequately describe the item. Names of participants observed should be recorded for future reference.

Lastly, the controller/evaluator's name should be printed on the upper right hand corner of each page. This will enable the Exercise Director to contact the appropriate person if questions arise or additional information is required.

Good practice forms should be used to list outstanding performances observed where the participants actions are clearly exemplary. The controller/evaluator's name should be printed on the upper right hand corner of each page. Example good practice forms are available to provide guidance for completing these forms.

Schedule

Player critiques will be held immediately following the exercise on October 20, 1993. The station critique, led by the Exercise Director or Station Emergency Planning Manager will be held at McGuire Nuclear Station in Training Room 155. The EOF critique, led by the EOF Lead Controller or designee, will be held in the EOF.

The controller/evaluator critique, led by the Exercise Director, will be held at 0900 on October 21, 1993, in the McGuire Nuclear Station Administration Building, Room 155.

The NRC critique will be held at 1430 on October 21, 1993 in the McGuire Administration Building, Room 155.

Name: _____

Date: _____

Area of Review: Control Room

<u>EXERCISE OBJECTIVE TO BE REVIEWED</u>	<u>(CHECK ONE)</u>	
	<u>ADEQUATE</u>	<u>INADEQUATE*</u>
1. Demonstrate the ability to declare emergency classification in accordance with procedures.	_____	_____
2. Demonstrate the ability to notify the State and Counties within 15 minutes after declaring an emergency or after changing the emergency classification.	_____	_____
3. Demonstrate the ability to alert, notify, and staff the TSC, and OSC facilities after declaring an Alert or higher emergency classification.	_____	_____
4. Demonstrate the ability to notify the NRC not later than 1 hour after declaring one of the emergency classes.	_____	_____
5. Test communications equipment among on-site emergency facilities including plant extensions, and intercoms.	_____	_____
6. Test off-site communications equipment to the Counties and State warning points, and to the NRC including the Selective Signaling System and the NRC FTS 2000 phone system.	_____	_____
7. Test the adequacy and operability of emergency equipment/supplies.	_____	_____
8. Demonstrate precise and clear transfer of responsibility from the Shift Supervisor in the Control Room to the Emergency Coordinator in the TSC.	_____	_____
9. Demonstrate proper use of the message format and authentication methodology for messages transmitted to State and Counties.	_____	_____
10. Evaluate the adequacy of the following assessment tools: 1. Drawings 2. Data Display Boards 3. Maps	_____	_____

EXERCISE OBJECTIVE TO BE REVIEWED

(CHECK ONE)

ADEQUATE INADEQUATE*

11. Demonstrate the ability to assess the incident and provide mitigation strategies. _____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: TSC Overall

(CHECK ONE)

EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|----|---|-------|-------|
| 1. | Demonstrate the ability to notify the State and Counties within 15 minutes after declaring an emergency or after changing the emergency classification. | _____ | _____ |
| 2. | Demonstrate the ability to notify the NRC not later than 1 hour after declaring one of the emergency classes. | _____ | _____ |
| 3. | Demonstrate assembly of station personnel within 30 minutes in a simulated emergency and provide accountability for any not present at the assembly locations. | _____ | _____ |
| 4. | Test communications equipment among on-site emergency facilities including plant extensions, and intercoms. | _____ | _____ |
| 5. | Test off-site communications equipment to the Counties and State warning points, and to the NRC including the Selective Signaling System and the NRC FTS 2000 phone system. | _____ | _____ |
| 6. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 7. | Demonstrate precise and clear transfer of responsibility from the Emergency Coordinator in the TSC to the EOF Director in the EOF. | _____ | _____ |
| 8. | Demonstrate proper use of the message format and authentication methodology for messages transmitted to State and Counties. | _____ | _____ |
| 9. | Evaluate the adequacy of the following assessment tools:
1. Drawings
2. Data Display Boards
3. Maps | _____ | _____ |

(CHECK ONE)

EXERCISE OBJECTIVE TO BE REVIEWED

ADEQUATE

INADEQUATE*

10. Demonstrate the ability to transmit data using the Data Transmittal System in accordance with station procedures.

11. Demonstrate the ability to provide timely and appropriate protective action recommendations to off-site officials in accordance with station procedures.

12. Demonstrate the ability to assess the incident and provide mitigation strategies.

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: TSC Radiation Protection

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|----|--|-------|-------|
| 1. | Test Communications equipment among on-site emergency facilities including plant extensions and intercoms. | _____ | _____ |
| 2. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 3. | Evaluate the adequacy of the following assessment tools:
1. Drawings
2. Data Display Boards
3. Maps | _____ | _____ |
| 4. | Demonstrate adequate radio communications between the off-site monitoring teams and the TSC. | _____ | _____ |
| 5. | Demonstrate the ability to develop off-site dose projections in accordance with procedures. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: Plant Data

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

1. Demonstrate the ability to transmit data using the Emergency Data Transmittal System in accordance with station procedures. _____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: OSC Overall

EXERCISE OBJECTIVE TO BE REVIEWED (CHECK ONE)
ADEQUATE **INADEQUATE***

- | | | | |
|----|--|-------|-------|
| 1. | Test communications equipment among on-site emergency facilities including plant extensions and intercoms. | _____ | _____ |
| 2. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 3. | Evaluate the adequacy of the following assessment tools:
1. Drawings
2. Data Display Boards
3. Maps | _____ | _____ |
| 4. | Demonstrate the ability to assess the incident and provide mitigation strategies. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: OSC Instrument and Electrical

(CHECK ONE)

EXERCISE OBJECTIVE TO BE REVIEWED **ADEQUATE** **INADEQUATE***

- | | | | |
|----|---|-------|-------|
| 1. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 2. | Demonstrate the ability to assess the incident and provide mitigation strategies. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: OSC Chemistry

<u>EXERCISE OBJECTIVE TO BE REVIEWED</u>	<u>(CHECK ONE)</u>	
	<u>ADEQUATE</u>	<u>INADEQUATE*</u>
1. Test the adequacy and operability of emergency equipment/supplies.	_____	_____
2. Demonstrate the ability to assess the incident and provide mitigation strategies.	_____	_____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: OSC Maintenance

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|----|---|-------|-------|
| 1. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 2. | Demonstrate the ability to assess the incident and provide mitigation strategies. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: OSC Operations

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|----|---|-------|-------|
| 1. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 2. | Demonstrate the ability to assess the incident and provide mitigation strategies. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: On-Site Rad. Monitoring

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|----|---|-------|-------|
| 1. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 2. | Demonstrate the ability to assess the incident and provide mitigation strategies. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: Off-Site Rad. Monitoring

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|----|--|-------|-------|
| 1. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 2. | Demonstrate the ability to collect air, soil, water, and vegetation samples in accordance with station procedures. | _____ | _____ |
| 3. | Demonstrate adequate radio communications between the off-site monitoring teams and the TSC/EOF. | _____ | _____ |

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: EOF Overall

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

- | | | | |
|-----|---|-------|-------|
| 1. | Demonstrate the ability to declare emergency classification in accordance with procedures. | _____ | _____ |
| 2. | Demonstrate the ability to notify the State and Counties within 15 minutes after declaring an emergency or after changing the emergency classification. | _____ | _____ |
| 3. | Demonstrate access control to the EOF. | _____ | _____ |
| 4. | Demonstrate the ability to notify the NRC not later than 1 hour after declaring one of the emergency classes. | _____ | _____ |
| 5. | Test off-site communications equipment to the Counties and State warning points, and to the NRC including the Selective Signaling System and the NRC FTS 2000 phone system. | _____ | _____ |
| 6. | Demonstrate adequate radio communications between the State/Counties and the EOF. | _____ | _____ |
| 7. | Test the adequacy and operability of emergency equipment/supplies. | _____ | _____ |
| 8. | Demonstrate precise and clear transfer of responsibility from the Emergency Coordinator in the TSC to the EOF Director in the EOF. | _____ | _____ |
| 9. | Demonstrate proper use of the message format for messages transmitted to State and Counties. | _____ | _____ |
| 10. | Demonstrate the ability to distribute Data Transmittal System data throughout the EOF according to the Emergency Plan Implementing Procedures. | _____ | _____ |

EXERCISE OBJECTIVE TO BE REVIEWED (CHECK ONE) ADEQUATE INADEQUATE*

11. Evaluate the adequacy of the following assessment tools:

- 1. Drawings
- 2. Data Display Boards
- 3. Maps

12. Demonstrate the ability to provide timely and appropriate protective action recommendations to off-site officials in accordance with station procedures.

13. Demonstrate the ability to assess the incident and provide mitigation strategies.

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: EOF Plant Assessment

<u>EXERCISE OBJECTIVE TO BE REVIEWED</u>	<u>(CHECK ONE)</u>	
	<u>ADEQUATE</u>	<u>INADEQUATE*</u>
1. Test the adequacy and operability of emergency equipment/supplies.	_____	_____
2. Demonstrate the ability to assess the incident and provide mitigation strategies.	_____	_____
3. Evaluate the adequacy of the following assessment tools:		
1. Drawings		
2. Data Display Boards		
3. Maps	_____	_____

* NOTE: Expand on any item(s) marked "inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: EOF Radiological Assessment

<u>EXERCISE OBJECTIVE TO BE REVIEWED</u>	<u>(CHECK ONE)</u>	
	<u>ADEQUATE</u>	<u>INADEQUATE*</u>
1. Test the adequacy and operability of emergency equipment/supplies.	_____	_____
2. Demonstrate the ability to collect air, soil, water, and vegetation samples in accordance with station procedures.	_____	_____
3. Demonstrate adequate radio communications between the off-site monitoring teams and the TSC/EOF.	_____	_____
4. Evaluate the adequacy of the following assessment tools: 1. Drawings 2. Data Display Boards 3. Maps	_____	_____
5. Demonstrate the ability to develop off-site dose projections in accordance with procedures.	_____	_____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: EOF Off-Site Agency Communications

(CHECK ONE)

EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

1. Demonstrate the ability to notify the State and Counties within 15 minutes after declaring an emergency or after changing the emergency classification. _____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: EOF News Group

(CHECK ONE)
EXERCISE OBJECTIVE TO BE REVIEWED **ADEQUATE** **INADEQUATE***

- 1. Demonstrate access control measure to the News Center and the Media Center. _____

- 2. Demonstrate the ability to provide accurate information to the news media in a timely manner and to provide effective rumor control according to the Emergency Plan Implementing Procedures. _____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Name: _____ Date: _____

Area of Review: Medical Drill

(CHECK ONE)

EXERCISE OBJECTIVE TO BE REVIEWED ADEQUATE INADEQUATE*

1. Demonstrate proper response to a simulated medical emergency involving a contaminated patient in accordance with station procedures. _____

* NOTE: Expand on any item(s) marked "Inadequate"

Evaluator Signature _____

Example
DRILL or EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: / / Station: _____

Finding: Good recovery action by Operations to
start SSF make-up pump for make-up to the
NC system.

1
1
1
1

Example

DRILL or EXERCISE GOOD PRACTICE

Drill or Exercise Date: ___/___/___ Station: _____

Finding: Performance did an excellent job of ensuring
timely OAC data was delivered to the TSC and
CMC with 'normal' data transmittal paths (and
improvised paths when problems were encountered).

DRILL OF EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

DRILL or EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

DRILL OF EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

DRILL or EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

DRILL or EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

DRILL or EXERCISE GOOD PRACTICE

To: _____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Example

DRILL OR EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. _____

Drill or Exercise Date: _____ Station: _____

Finding: Two and a half (2.5) inch fire hose is
not available in the fire brigade locker.
Hose is stored in outside cabinets, but
should cabinets become inaccessible, hose
would not be available.

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed
and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed:

Date Closed: ____/____/____ Signed: _____

(System Emergency Planner)

Example

DRILL OR EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. _____

Drill or Exercise Date: _____ Station: _____

Finding: IAE personnel were dispatched on a
Repair & Recovery Team without receiving and
passing required training (personnel in
question were Buck Rogers and Indiana Jones).

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed
and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed:

Date Closed: ____/____/____ Signed: _____
(System Emergency Planner)

DRILL or EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. ____/____/____/____/____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed: _____

Date Closed: ____/____/____ Signed: _____

(System Emergency Planner)

DRILL or EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. ____/____/____/____/____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed

and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed: _____

Date Closed: ____/____/____ Signed: _____

(System Emergency Planner)

DRILL or EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. ____/____/____/____/____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed:

Date Closed: ____/____/____ Signed: _____

(System Emergency Planner)

DRILL or EXERCISE ACTION ITEM:

Lead Responsibility: _____ Item No. ____/____/____/____/____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed: _____

Date Closed: ____/____/____ Signed: _____

(System Emergency Planner)

DRILL or EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. ____/____/____/____/____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

If no, provide a short description of why item has not been completed and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed:
Date Closed: ____/____/____ Signed: _____

(System Emergency Planner)

DRILL or EXERCISE ACTION ITEM

Lead Responsibility: _____ Item No. ____/____/____/____/____

Drill or Exercise Date: ____/____/____ Station: _____

Finding: _____

Target Date for Completion: ____/____/____

..... FOLLOW-UP

Has corrective action been taken? Yes _____ No _____

If yes, provide a short description of the action taken: _____

Date Completed: ____/____/____ Signed: _____

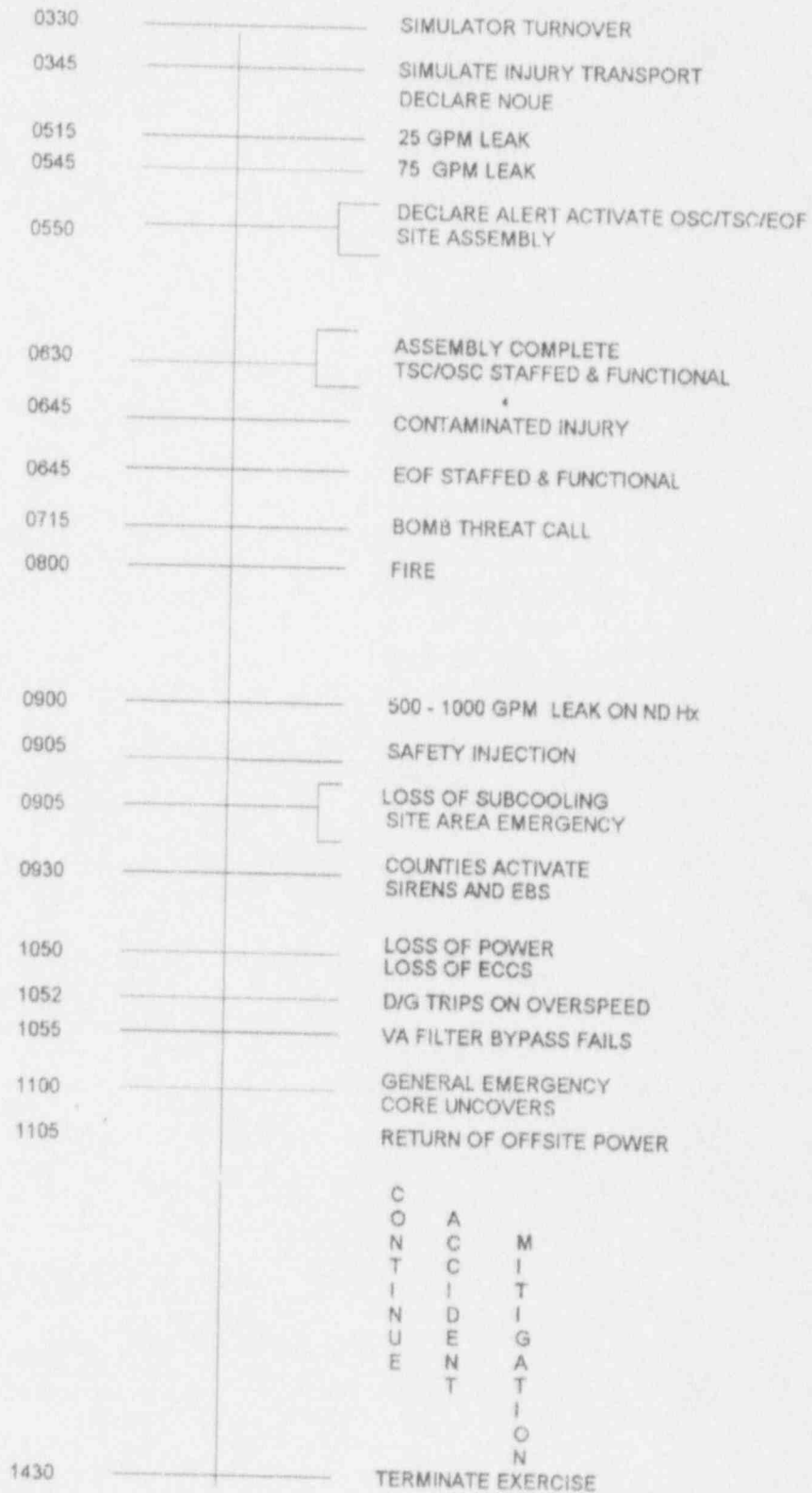
If no, provide a short description of why item has not been completed and establish a new completion date: _____

New Completion Date: ____/____/____ Signed: _____

Item Closed:
Date Closed: ____/____/____ Signed: _____
(System Emergency Planner)

MNS ANNUAL EXERCISE

OCT. 20, 1993



ALL TIMES ARE APPROXIMATE AND ACTUAL TIMES WILL BE DETERMINED BY PLAYER ACTIONS. FIRE AND MEDICAL PORTIONS MAY VARY DUE TO AVAILABILITY OF OFFSITE SUPPORT.

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

INITIAL CONDITIONS

UNIT 1

100% Power 144 EFPD
"A" D/G - Replacing #14 Cylinder Liner expected complete
11:00 AM 10/21/93
SM: 589 pcm, Xe: 2774 pcm, SM Eq. Diff 2.90 pcm
NCS [B]: 623 ppm, Pzr [B]: 623 ppm
Controlling procedure: OP/1/A/6100/03 "Controlling
Procedure for Unit Operation", Enc. 4.1 "Power Increase"
complete

NOTE FOR TURNOVER: There has been an employee injured
in the Aux. Eldg. MERT has responded
and MEDIC is on the scene preparing
to transport the contaminated
employee to Carolinas Medical
Center.

UNIT 2

100 % Power 320 EFPD 130 day continuous run
D/G 2B in maintenance for PM's on auxiliary pumps

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

WEATHER FORECAST

Tuesday 10/19/93

Fair tonight with a slight chance of showers. Clouds will be increasing on Wednesday with a chance of afternoon thunderstorms. Low temperature tonight will be 63 deg. with a high on Wednesday of 82 degrees. Winds from the South at 3-5 mph.

Wednesday 10/20/93

Clouds increasing throughout the day with a chance of afternoon thunderstorms. Temperatures will remain moderate throughout the day with a high of 82 and a low Wednesday night of 62.

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

SCENARIO

0330 Simulator turnover with normal full power operations.

0345 Simulate an ambulance transporting a contaminated medical injury offsite for further care.

PREDICTED RESPONSE

Declare Notification of Unusual Event

Make notifications to State and Counties and NRC

0515 The NC System develops a 25 gpm leak.

PREDICTED RESPONSE

Enter AP/1/A/5500/10 Case 2, "NC System Leakage Within Capability of Both NV Pumps".

Perform Enclosure 1 of AP/1/A/5500/10

Enter OP/1/A/6150/04 "Monitor and Control of PRT"

Classify, Notification of Unusual Event

Enter OP/1/A/6300/01 "Turbine Generator Operation"

Enter OP/1/A/6100/03 "Controlling Procedure for Unit Operation"

0520 Valve 1NI-173 will not close (mechanically bound)

PREDICTED RESPONSE

Dispatch NLO to close 1EMXA R2A, (MCC breaker for 1NI-173).

Dispatch NLO to close 1EMXB 1-6B (MCC breaker for 1NI-178)

Dispatch NLO to manually close NI-173. (Will not be opened during exercise).

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

Dispatch Mechanical, Instrument And Electrical, and Radiation Protection to assist in closing 1NI-173.

0530 Control Room receives notification that the employee sent to Carolinas Medical Center was not contaminated and that events are secured at the hospital.

0545 Leak size increases to 75 gpm.

PREDICTED RESPONSE

Classify, ALERT
Activate TSC/OSC/EOF
Conduct Site Assembly
Enter OP/1/A/6100/02 "Controlling Procedure for Unit Shutdown"

0645 Contaminated medical injury takes place in Waste Shipping (2 patients, 1 will go to Carolinas Medical Center as contaminated, the other will be a non-life threatening injury and will be decontaminated prior to leaving the site for further medical care).

PREDICTED RESPONSE

Request off-site medical assistance

0715 PBX Operator receives a call stating that there is a bomb on one of the main transformers on Unit 1.

PREDICTED RESPONSE

Request off-site assistance from Mecklenburg County Sheriffs Department in locating the bomb.

Dispatch station fire brigade to standby in case of fire.

0800 Fire at the Central Waste Storage. (A crane is being dismantled at the north end of the Auxiliary Building and has access around the Auxiliary Building and through the North VAP blocked).

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

0900 Seals fail on the ND Heat Exchanger to allow a 500-1000 gpm leak to the Auxiliary Building Floor.

PREDICTED RESPONSE

Enter EP/1/A/5000/01, "Safety Injection".

Enter OP/1/A/6200/14 "Refueling Water System"

Enter EP/1/A/5000/08, "Loss of Coolant Accident Outside Containment".

0901 1EMF36 is indicating off scale due to leak to floor

0905 Loss of Subcooling

PREDICTED RESPONSE

Declare Site Area Emergency

Enter EP/1/A/5000/06 "Loss of Emergency Coolant Recirculation".

Enter EP/1/A/5000/14.1 "Response to Imminent Pressurized Thermal Shock Conditions".

Evacuate Site non-essential personnel

0915 Valve 1ND-29 fails intermittent

PREDICTED RESPONSE

Dispatch a NLO, Mechanical, and Instrument and Electrical to manually open

1050 Loss of offsite and onsite power due to direct lightning strike in Switchyard. Loss of ECCS.

PREDICTED RESPONSE

Enter EP/1/A/5000/09 "Loss of All AC Power"

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

1052 "B" D/G trips on overspeed

PREDICTED RESPONSE

Dispatch a NLO to investigate (while investigating the NLO will also find the 1A D/G Day Tank level instrument leaking fuel oil on the floor. Approximately 5 gallon has leaked out).

Enter EP/1/A/5000/9.2 "Loss of All AC Power with SI Required"

1055 Bypass on VA Filters fails open

1100 Declare General Emergency based on Loss of Recirculation when needed. Core uncovers.

PREDICTED RESPONSE

Recommend sheltering of persons within the 5 mile radius of the station and monitor EBS for persons within a 10 mile radius of the station.

1105 Return of offsite power

1300 Unit 2 "A" Feedwater Pump "Low Oil Level" alarm due to a leaking flange. (If an NLO is dispatched and arrives within 15 minutes, he/she will be allowed to tighten the flange with no impact on Unit 2. If greater than 15 minutes there will be a successful runback on Unit 2 with messages indicating 100 gallons of oil had leaked onto the floor).

NOTE: During the Site Area Emergency, the State and Counties will be setting up relocation shelters, vehicle decon and monitoring stations and personnel monitoring and decon. There will be simulation of school evacuations. The sirens will sound at Site Area Emergency and be simulated at General Emergency.

CONFIDENTIAL

McGuire Nuclear Station
Annual Exercise
Event Sequence
October 20, 1993

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:25

MESSAGE NO. OPS-1

Message for: NLO CHECKING ND HEAT EXCHANGER ROOM

Message:

"A" Heat exchanger room has been checked and there are
NO leaks

Notes to Controllers:

THIS MESSAGE SHOULD BE GIVEN PRIOR TO THE ND HX LEAK

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:30

MESSAGE NO. OPS-2

Message for: NLO

Message:

Power is now on MCC Breaker 1 EMXA R2A.

Notes to Controllers:

CALL SIMULATOR PHONE 5090 PRIOR TO RELEASING THIS MESSAGE.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:30

MESSAGE NO. OPS-3

Message for: NLO

Message:

Power is now on 1 EMXB 1-6B.

Notes to Controllers:

CALL SIMULATOR EXT. 5090 PRIOR TO RELEASING THIS MESSAGE.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:40

MESSAGE NO. OPS-4

Message for: NLO

Message:

IND-56 is definitely releasing and is hot and making a lot of noise.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:45

MESSAGE NO. OPS-5

Message for: NLO

Message:

1ND-61 is relieving.

Notes to Controllers:

GIVE ONLY IF 1ND-30A IS OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-6

Message for: NLO

Message:

1ND-61 is NOT relieving

Notes to Controllers:

GIVE IF 1ND-30A IS CLOSED

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:45

MESSAGE NO. OPS-7

Message for: NLO

Message:

1ND-64 is relieving.

Notes to Controllers:

GIVE ONLY IF 1ND-15B OR 1ND-30A ARE OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-8

Message for: NLO

Message:

1ND-64 is hot but not relieving

Notes to Controllers:

GIVE IF 1ND-15B OR 1ND-30A IS CLOSED

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-9

Message for: NLO

Message:

INI-161 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-10

Message for: NLO

Message:

1NS-2 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-11

Message for: NLO

Message:

INS-19 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-12

Message for: NLO

Message:

INV-229 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-13

Message for: NLO

Message:

INI-102 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-14

Message for: NLO

Message:

INI-119 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-15

Message for: NLO

Message:

1NI-151 is not relieving

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:50

MESSAGE NO. OPS-16

Message for: NLO

Message:

1NI-173 will NOT close.

Notes to Controllers:

Follow the NLO to the Change Room and hold the NLO there for 5 minutes after they are dressed out prior to giving this message.

Do NOT allow the NLO to go to shift RP for coverage, however RP information will be provided by you, the controller.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS - 17

Message for: NLO Checking D/G

Message:

You just found a fuel oil leak on the D/G day tank coming from the level instrument inlet. It has leaked approx. 5 gal.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. OPS-18

Message for: NLO

Message:

OP/1/A/5500/10 Enclosure 1 remaining valves are closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:40

MESSAGE NO. OPS-19

Message for: NLO

Message:

IAS-11 is OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 7:15

MESSAGE NO. OPS-20

Message for: NLO

Message:

Every other cooling group fans on the main step up transformers are shut down.

Notes to Controllers:

CALL SIMULATOR EXT. 5090 PRIOR TO RELEASING THIS MESSAGE.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 7:25

MESSAGE NO. OPS-21

Message for: NLO

Message:

"G" Heater Drain Tank Pumps are shut down.

Notes to Controllers:

Call the Simulator EXT. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:41

MESSAGE NO. OPS-22

Message for: NLO

Message:

"C" Heater Drain Pumps are secured.

Notes to Controllers:

Give this same message one at a time as each is shut down.

Call Simulator EXT. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:45

MESSAGE NO. OPS-23

Message for: NLO

Message:

"C" Heater Drain Pumps are secured.

Notes to Controllers:

Give this same message one at a time as each is shut down.

Call Simulator EXT. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:50

MESSAGE NO. OPS-24

Message for: NLO

Message:

"C" Heater Drain Pumps are secured.

Notes to Controllers:

Give this same message one at a time as each is shut down.

Call Simulator EXT. 5090 p: or to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 7:45

MESSAGE NO. OPS-25

Message for: NLO

Message:

1AS-74 is OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:45

MESSAGE NO. OPS-26

Message for: NLO

Message:

2AS-74 is OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:45

MESSAGE NO. OPS-27

Message for: NLC

Message:

1AS-253 is OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:10

MESSAGE NO. OPS-28

Message for: NLO

Message:

The MG sets are removed from service.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 11:09

MESSAGE NO. OPS-29

Message for: NLO

Message:

ISP-1 is closed

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 11:09

MESSAGE NO. OPS-30

Message for: NLO

Message:

ISP-2 is closed

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:10

MESSAGE NO. OPS-31

Message for: NLO

Message:

Turbine is on turning gear.

Notes to Control ers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:15

MESSAGE NO. OPS-32

Message for: NLO

Message:

"A" ND Pump Breaker looks fine.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:20

MESSAGE NO. OPS-33

Message for: NLO

Message:

1ND-29 will NOT close.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-34

Message for: NLO

Message:

INC-24 is closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-35

Message for: NLO GOING TO SSF

Message:

NC Pump Seal Injection is initiated (EP/09 Enc. 3 is complete)

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-36

Message for: NLO GOING TO 1ETA

Message:

NC Pump Seal Injection is initiated.
EP/09 Enc. 2 is complete

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-37

Message for: NLO

Message:

1EVDA BREAKER 6 IS OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-38

Message for: NLO

Message:

1EVDD BREAKER 8 IS OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-39

Message for: NLO

Message:

All breakers on 1TA, TB, TC, and TB are OPEN

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-40

Message for: NLO

Message:

RC Pump Breaker Control Fuses are pulled.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-41

Message for: NLO

Message:

Breaker 1EMXC 5B is Closed

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-42

Message for: NLO

Message:

Breaker IEMXD 5B is closed

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-43

Message for: NLO

Message:

D/G tripped on overspeed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-44

Message for: NLO

Message:

1KC-21 is open and a solid stream of water is visible in
the sight glass.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-45

Message for: NLO

Message:

1KC-21 is closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-46

Message for: NLO

Message:

1KC-6 is unlocked and throttled 1 turn open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 47

Message for: NLO

Message:

1KC-6 is open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-48

Message for: NLO

Message:

1KC-24 is open and a solid stream of water is visible in
the sight glass.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-49

Message for: NLO

Message:

1KC-24 is closed

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 50

Message for: NLO

Message:

1KC-9 is unlocked and throttled 1 turn open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-51

Message for: NLO

Message:

1KC-9 is open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-52

Message for: NLO

Message:

1KC-27 is open and a solid stream of water is visible in the sight glass.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-53

Message for: NLO

Message:

1KC-27 is closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 54

Message for: NLO

Message:

1KC-12 is unlocked and throttled 1 turn open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-55

Message for: NLO

Message:

1KC-12 is open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-56

Message for: NLO

Message:

1KC-30 is open and a solid stream of water is visible in the sight glass.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-57

Message for: NLO

Message:

1KC-30 is closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-58

Message for: NLO

Message:

IKC-15 is unlocked and throttled 1 turn open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL.

Date: 10/20/93

Time:

MESSAGE NO. OPS-59

Message for: NLO

Message:

1KC-15 is open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-60

Message for: NLO

Message:

SSF is secured per EP/1/A/5000/9.2 Enclosure 4

Notes to Controllers:

CALL 5090 PRIOR TO GIVING THIS MESSAGE.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-61

Message for: NLO

Message:

LG Seal Oil Air Side Back Up Pump is running

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-62

Message for: NLO

Message:

OP/1/B/6300/03 Enclosure 4.3 "Dumping Hydrogen From Generator
is COMPLETE.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 11:30

MESSAGE NO. OPS-63

Message for: NLO

Message:

MCC Breaker 1EMXA-R1E is Closed.

Notes to Controllers:

Call Simulator Ext. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:45

MESSAGE NO. OPS-64

Message for: NLO

Message:

INV-172 is OPEN.

Notes to Controllers:

Call Simulator Ext. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:45

MESSAGE NO. OPS-65

Message for: NLO

Message:

1NV-174 is OPEN

Notes to Controllers:

Call Simulator Ext. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:45

MESSAGE NO. OPS-66

Message for: NLO

Message:

INV-176 is Closed.

Notes to Controllers:

Call Simulator Ext. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 11:50

MESSAGE NO. OPS-67

Message for: NLO

Message:

Hydrogen Analyzers are in service.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:50

MESSAGE NO. OPS-68

Message for: NLO

Message:

Diesel Generators are shut down.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-69

Message for: NLO ON UNIT 2 FEEDWATER PUMP

Message:

The flange leak is stopped.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. IAE-1

Message for: IAE Tech.

Message:

The actuator is removed from 1NI-173.

Notes to Controllers:

This action normally will take 2 - 3 hours. If there are any snubbers or pipe hangers this will delay the job. Any special lifting rigs will require more time.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-2

Message for: IAE Tech.

Message:

IP/0/A/3207/02E "IR Compensation Check" is complete.

Notes to Controllers:

Give to IAE after entering mode 3 and procedure has been simulated complete.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-3

Message for: IAE Tech.

Message:

1ND-29 is stuck off seat and will not close.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-4

Message for: IAE TECH.

Message:

Air is off 1ND-29 and work is complete.
The valve is intermittent and will NOT close.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-5

Message for: IAE TECH

Message:

D/G has a faulty 50% switch.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-6

Message for: IAE TECH

Message:

D/G faulty 50% switch has been replaced.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-7

Message for: IAE Tech.

Message:

The leaking tubing entrance fitting to the fuel oil day tank level instrument has been repaired.

Notes to Controllers:

Ensure techs go thru appropriate steps of procuring parts and procedures. (QA, etc.)

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. MNT-1

Message for: Maintenance Tech.

Message:

The valve (1NI-173) is stuck and you cannot get it to jack closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. MNT-2

Message for: MAINTENANCE TECH.

Message:

1ND29 will not jack closed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. MNT-3

Message for: MAINTENANCE TECH

Message:

Dampers are bound up on the VA Filters and will not open.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. MNT-4

Message for: MAINTENANCE TECH ON FEEDWATER PUMP

Message:

The leaking flange has been retorqued and the leak is stopped.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. RP-1

Message for: RP Tech

Message:

Rad levels at INI-173 are as found/as posted.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 10:45

MESSAGE NO. RP-2

Message for: RP Tech.

Message:

Activity levels in Lower Containment are:

Actual (as sample results indicate)

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 10:45

MESSAGE NO. RP-3

Message for: RP Tech.

Message:

Rad levels in Upper Containment are:

ACTUAL (as sample results indicate)

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. CHEM-1

Message for: RDWST SUPV.

Message:

A Crud Burst will not be performed

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-2

Message for: Radwaste

Message:

PRT is vented per procedure.

Notes to Controllers:

This should be OP/0/A/5200/18

Call Simulator Ext. 5090 prior to releasing this message.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:30

MESSAGE NO. Chem - 3

Message for: Chemistry

Message:

Boron sample results are 620 ppm.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

Notes to Controllers:

Hand out as necessary.

Call Simulator Ext. 5090 prior to releasing these messages.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

Notes to Controllers:

Hand out as necessary.

Call Simulator Ext. 5090 prior to releasing these messages.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

Notes to Controllers:

Hand out as necessary.

Call Simulator Ext. 5090 prior to releasing these messages.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

Notes to Controllers:

Hand out as necessary.

Call Simulator Ext. 5090 prior to releasing these messages.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

Notes to Controllers:

Hand out as necessary.

Call Simulator Ext. 5090 prior to releasing these messages.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

Notes to Controllers:

Hand out as necessary.

Call Simulator Ext. 5090 prior to releasing these messages.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 10:45

MESSAGE NO. CHEM-5

Message for: Radwaste

Message:

WG system is prepared for DEGAS.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 10:45

MESSAGE NO. CHEM-6

Message for: Radwaste

Message:

NM-10 is open

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx: 1045

MESSAGE NO. CHEM-7

Message for: Radwaste

Message:

NM-283 is OPEN.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. CHEM-8

Message for: CHEM TECH.

Message:

Report that NC System Boron is 1300 ppm.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. CHEM-9

Message for: RADWASTE TECH

Message:

The floor drain tank is aligned to the Aux. Floor Drain Tank.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR - 1

Message for: CONTROL ROOM SRO

Message:

Simulate a call to Carolinas Medical Center informing them that an employee is being sent contaminated.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-2

Message for: SRO

Message:

When making the NRC Immediate Notification, inform the NRC Duty Officer (Bethesda) that we will be conducting the McGuire Annual Exercise all day. Ask if they wish to continue receiving calls.

Notes to Controllers:

GIVE TO THE SIMULATOR SRO PRIOR TO MAKING THE NRC IMMEDIATE NOTIFICATION.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-3

Message for: SRO

Message:

PT/1/A/4600/01 Will not be performed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-4

Message for: SRO

Message:

PT/1/A/4250/01A "Main Steam Isolation Valve Movement Test"
will not be performed.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-5

Message for: SRO

Message:

ALL lockouts are reset.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-6

Message for: SRO

Message:

The Core is uncovered. Low Range Level is 60%.

Thermocouples are at 500 deg.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-7

Message for: SRO

Message:

The Core is uncovered. Low Range Level is 55%.

Thermocouples are at 700 deg.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-8

Message for: SRO

Message:

The Core low range scale is at 50%.

Thermocouples are at 900 deg.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-9

Message for: SRO

Message:

Core low range scale is at 45%.

Thermocouples are at 1100 deg.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-10

Message for: SRO

Message:

CORE IS UNCOVERED TO 40%

Thermocouples are indicating 1260 deg.

Red path on core cooling SPDS.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-11

Message for: SRO

Message:

RVLIS LEVEL IS 35 %

Thermocouples are at 1450 deg.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 8:00

MESSAGE NO. Fire Brigade - 1

Message for: Fire Brigade Leader

Message:

The Waste Storage Facility is fully engulfed in fire.
Flammable liquids have run out of the facility and are
burning outside the truck corridor door.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Fire Brigade - 2

Message for:

Message:

The fire is now extinguished.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Emergency Coordinator - 1

Message for: Emergency Coordinator

Message:

Simulate Site Evacuation.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Emergency Coordinator - 2

Message for: Emergency Coordinator

Message:

THE EXERCISE IS NOW TERMINATED.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. EOF DIRECTOR - 1

Message for: EOF DIRECTOR

Message:

THE EXERCISE IS NOW TERMINATED.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 0620

MESSAGE NO. SEC - 1

Message for: SECURITY AT VAP OR N. PAP

Message:

The large crane used to change out the NS Heat exchanger has broken down while passing through the VAP. Access through the VAP is blocked until the crane is moved.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SEC - 2

Message for: SECURITY VAP OR N. PAP

Message:

THE CRANE HAS BEEN MOVED FROM THE VAP AND NORMAL ACCESS IS RESTORED.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 7:15

MESSAGE NO.

Message for: Irate Employee

Message:

THIS IS A DRILL MESSAGE. I'm tired of you jerks treating me like you have been. I knew you were going to cut out my job so now it's my time to get even with you. I'm tired of it so I put a bomb on one of the main transformers before I left yesterday. There is no use in you looking for it because I hid it and you will never find it. THIS IS A DRILL MESSAGE.

Notes to Controllers:

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:25

MESSAGE NO. OPS-1

Message for: NLO CHECKING ND HEAT EXCHANGER ROOM

Message:

"A" Heat exchanger room has been checked and there are
NO leaks

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:30

MESSAGE NO. OPS-2

Message for: NLO

Message:

Power is now on MCC Breaker 1 EMXA R2A.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:30

MESSAGE NO. OPS-3

Message for: NLO

Message:

Power is now on 1 EMXB 1-6B.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:40

MESSAGE NO. OPS-4

Message for: NLO

Message:

1ND-56 is definitely releasing and is hot and making a lot of noise.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10)/93

Time: Approx. 5:45

MESSAGE . OPS-5

Message 1. r: NLO

Message:

IND-61 is relieving.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-6

Message for: NLO

Message:

1ND-61 is NOT relieving.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:45

MESSAGE NO. OPS-7

Message for: NLO

Message:

IND-64 is relieving.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-8

Message for: NLO

Message:

IND-64 is hot but not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. CPS-9

Message for: NLO

Message:

1NI-161 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-10

Message for: NLO

Message:

1NS-2 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-11

Message for: NLO

Message:

INS-19 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-12

Message for: NLO

Message:

1NV-229 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-13

Message for: NLO

Message:

1NI-102 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-14

Message for: NLO

Message:

INI-119 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 5:45

MESSAGE NO. OPS-15

Message for: NLO

Message:

1NI-151 is not relieving

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 5:50

MESSAGE NO. OPS-16

Message for: NLO

Message:

INI-173 will NOT close.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS -17

Message for: NLO Checking D/G

Message:

You just found a fuel oil leak on the D/G day tank coming from the level instrument inlet. It has leaked approx. 5 gal.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. OPS-18

Message for: NLO

Message:

OP/1/A/5500/10 Enclosure 1 remaining valves are closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 19/20/93

Time: Approx. 6:40

MESSAGE NO. OPS-19

Message for: NLO

Message:

IAS-11 is OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 7:15

MESSAGE NO. OPS-20

Message for: NLO

Message:

Every other cooling group fans on the main step up
transformers are shut down.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 7:25

MESSAGE NO. OPS-21

Message for: NLO

Message:

"G" Heater Drain Tank Pumps are shut down.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:41

MESSAGE NO. OPS-22

Message for: NLO

Message:

"C" Heater Drain Pumps are secured.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:45

MESSAGE NO. OPS-23

Message for: NLO

Message:

"C" Heater Drain Pumps are secured.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:50

MESSAGE NO. OPS-24

Message for: NLO

Message:

"C" Heater Drain Pumps are secured.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 7:45

MESSAGE NO. OPS-25

Message for: NLO

Message:

1AS-74 is OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:45

MESSAGE NO. OPS-26

Message for: NLO

Message:

2AS-74 is OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 7:45

MESSAGE NO. OPS-27

Message for: NLO

Message:

1AS-253 is OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:10

MESSAGE NO. OPS-28

Message for: NLO

Message:

The MG sets are removed from service.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 11:09

MESSAGE NO. OPS-29

Message for: NLO

Message:

1SP-1 is closed

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 11:09

MESSAGE NO. OPS-30

Message for: NLO

Message:

ISP-2 is closed

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:10

MESSAGE NO. OPS-31

Message for: NLO

Message:

Turbine is on turning gear.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:15

MESSAGE NO. OPS-32

Message for: NLO

Message:

"A" ND Pump Breaker looks fine.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:20

MESSAGE NO. OPS-33

Message for: NLO

Message:

1ND-29 will NOT close.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-34

Message for: NLO

Message:

INC-24 is closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-35

Message for: NLO GOING TO SSF

Message:

NC Pump Seal Injection is initiated (EP/09 Enc. 3 is complete)

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-36

Message for: NLO GOING TO 1ETA

Message:

NC Pump Seal Injection is initiated.
EP/09 Enc. 2 is complete

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 37

Message for: NLO

Message:

1EVDA BREAKER 6 IS OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 38

Message for: NLO

Message:

1EVDD BREAKER 8 IS OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-39

Message for: NLO

Message:

All breakers on 1TA, TB, TC, and TB are OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 40

Message for: NLO

Message:

RC Pump Breaker Control Fuses are pulled.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-41

Message for: NLO

Message:

Breaker 1EMXC 5B is Closed

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-42

Message for: NLO

Message:

Breaker 1EMXD 5B is closed

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-43

Message for: NLO

Message:

D/G tripped on overspeed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-44

Message for: NLO

Message:

1KC-21 is open and a solid stream of water is visible in the sight glass.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-45

Message for: NLO

Message:

1KC-21 is closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-46

Message for: NLO

Message:

1KC-6 is unlocked and throttled 1 turn open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-47

Message for: NLO

Message:

1KC-6 is open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-48

Message for: NLO

Message:

1KC-24 is open and a solid stream of water is visible in the sight glass.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-49

Message for: NLO

Message:

1KC-24 is closed

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-50

Message for: NLO

Message:

1KC-9 is unlocked and throttled 1 turn open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-51

Message for: NLO

Message:

1KC-9 is open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-52

Message for: NLC

Message:

1KC-27 is open and a solid stream of water is visible in
the sight glass.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 53

Message for: NLO

Message:

1KC-27 is closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS- 54

Message for: NLO

Message:

1KC-12 is unlocked and throttled 1 turn open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL.

Date: 10/20/93

Time:

MESSAGE NO. OPS-55

Message for: NLO

Message:

1KC-12 is open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-56

Message for: NLO

Message:

1KC-30 is open and a solid stream of water is visible in
the sight glass.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-57

Message for: NLO

Message:

1KC-30 is closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-58

Message for: NLO

Message:

1KC-15 is unlocked and throttled 1 turn open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-59

Message for: NLO

Message:

1KC-15 is open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-60

Message for: NLO

Message:

SSF is secured per EP/1/A/5000/9.2 Enclosure 4

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-61

Message for: NLO

Message:

LG Seal Oil Air Side Back Up Pump is running

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-62

Message for: NLO

Message:

OP/1/B/6300/03 Enclosure 4.3 "Dumping Hydrogen From Generator
is COMPLETE.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 11:30

MESSAGE NO. OPS-63

Message for: NLO

Message:

MCC Breaker 1EMXA-R1E is Closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:45

MESSAGE NO. OPS-64

Message for: NLO

Message:

INV-172 is OPEN.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:45

MESSAGE NO. OPS-65

Message for: NLO

Message:

1NV-174 is OPEN

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:45

MESSAGE NO. OPS-66

Message for: NLO

Message:

1NV-176 is Closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 11:50

MESSAGE NO. OPS-67

Message for: NLO

Message:

Hydrogen Analyzers are in service.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:50

MESSAGE NO. OPS-68

Message for: NLO

Message:

Diesel Generators are shut down.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. OPS-69

Message for: NLO ON UNIT 2 FEEDWATER PUMP

Message:

The flange leak is stopped.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. IAE-1

Message for: IAE Tech.

Message:

The actuator is removed from 1NI-173.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-2

Message for: IAE Tech.

Message:

IP/0/A/3207/02E "IR Compensation Check" is complete.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-3

Message for: IAE Tech.

Message:

1ND-29 is stuck off seat and will not close.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-4

Message for: IAE TECH.

Message:

Air is off 1ND-29 and work is complete.
The valve is intermittent and will NOT close.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-5

Message for: IAE TECH

Message:

D/G has a faulty 50% switch.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-6

Message for: IAE TECH

Message:

D/G faulty 50% switch has been replaced.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. IAE-7

Message for: IAE Tech.

Message:

The leaking tubing entrance fitting to the fuel oil day tank level instrument has been repaired.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6:00

MESSAGE NO. MNT-1

Message for: Maintenance Tech.

Message:

The valve (1NI-173) is stuck and you cannot get it to jack closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. MNT-2

Message for: MAINTENANCE TECH.

Message:

1ND29 will not jack closed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. MNT- 3

Message for: MAINTENANCE TECH

Message:

Dampers are bound up on the VA Filters and will not open.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. MNT-4

Message for: MAINTENANCE TECH ON FEEDWATER PUMP

Message:

The leaking flange has been retorqued and the leak is stopped.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 6;00

MESSAGE NO. RP-1

Message for: RP Tech

Message:

Rad levels at LNI-173 are as found/as posted.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 10:45

MESSAGE NO. RP-2

Message for: RP Tech.

Message:

Activity levels in Lower Containment are:

ACTUAL (as sample results indicate)

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 10:45

MESSAGE NO. RP-3

Message for: RP Tech.

Message:

Rad levels in Upper Containment are:

ACTUAL (as sample results indicate)

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. CHEM -1

Message for: RDWST SUPV.

Message:

A Crud Burst will not be performed

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-2

Message for: Radwaste

Message:

PRT is vented per procedure.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 11:30

MESSAGE NO. Chem - 3

Message for: Chemistry

Message:

Boron sample results are 620 ppm.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Chem-4 There are 6 copies of this message to hand out

Message for: Radwaste

Message:

PRT is vented per procedure

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 10:45

MESSAGE NO. CHEM-5

Message for: Radwaste

Message:

WG system is prepared for DEGAS.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx. 10:45

MESSAGE NO. CHEM-6

Message for: Radwaste

Message:

NM-10 is open

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx: 1045

MESSAGE NO. CHEM-7

Message for: Radwaste

Message:

NM-283 is OPEN.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. CHEM- 8

Message for: CHEM TECH.

Message:

Report that NC System Boron is 1300 ppm.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. CHEM- 9

Message for: RADWASTE TECH

Message:

The floor drain tank is aligned to the Aux. Floor Drain Tank.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR - 1

Message for: CONTROL ROOM SRO

Message:

Simulate a call to Carolinas Medical Center informing them that an employee is being sent contaminated.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-2

Message for: SRO in Simulator

Message:

When making the NRC Immediate Notification, inform the NRC Duty Officer (Bethesda) that we will be conducting the McGuire Annual Exercise all day. Ask if they wish to continue receiving calls.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR- 3

Message for: SRO

Message:

PT/1/A/4600/01 Will not be performed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR- 4

Message for: SRO

Message:

PT/1/A/4250/01A "Main Steam Isolation Valve Movement Test"
will not be performed.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR- 5

Message for: SRO

Message:

ALL lockouts are reset.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-6

Message for: SRO

Message:

The Core is uncovered. Low Range Level is 60%.

Thermocouples are at 500 deg.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-7

Message for: SRO

Message:

The Core is uncovered. Low Range Level is 55%.

Thermocouples are at 700 deg.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-8

Message for: SRO

Message:

The Core low range scale is at 50%.

Thermocouples are at 900 deg.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-9

Message for: SRO

Message:

Core low range scale is at 45%.

Thermocouples are at 1100 deg.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-10

Message for: SRO

Message:

CORE IS UNCOVERED TO 40%

Thermocouples are indicating 1260 deg.

Red path on core cooling SPDS.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SIMULATOR-11

Message for: SRO

Message:

RVLIS LEVEL IS 35 %

Thermocouples are at 1450 deg.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: Approx 8:00

MESSAGE NO. Fire Brigade - 1

Message for: Fire Brigade Leader

Message:

The Waste Storage Facility is fully engulfed in fire.
Flammable liquids have run out of the facility and are
burning outside the truck corridor door.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Fire Brigade - 2

Message for:

Message:

The fire is now extinguished.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Emergency Coordinator - 1

Message for: Emergency Coordinator

Message:

Simulate Site Evacuation.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. Emergency Coordinator - 2

Message for: Emergency Coordinator

Message:

THE EXERCISE IS NOW TERMINATED.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. EOF DIRECTOR - 1

Message for: EOF DIRECTOR

Message:

THE EXERCISE IS NOW TERMINATED.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 0620

MESSAGE NO. SEC - 1

Message for: SECURITY AT VAP OR N. PAP

Message:

The large crane used to change out the NS Heat exchanger has broken down while passing through the VAP. Access through the VAP is blocked until the crane is moved.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time:

MESSAGE NO. SEC - 2

Message for: SECURITY VAP OR N. PAP

Message:

THE CRANE HAS BEEN MOVED FROM THE VAP AND NORMAL ACCESS IS RESTORED.

CONFIDENTIAL

THIS IS AN EXERCISE MESSAGE

DRILL

Date: 10/20/93

Time: 7:15

MESSAGE NO.

Message for: Irate Employee

Message:

THIS IS A DRILL MESSAGE. I'm tired of you jerks treating me like you have been. I knew you were going to cut out my job so now it's my time to get even with you. I'm tired of it so I put a bomb on one of the main transformers before I left yesterday. There is no use in you looking for it because I hid it and you will never find it. THIS IS A DRILL MESSAGE.

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 6:15 AM

Message number: 1

Message for: Rumor control

Message:

Councilman Webb: I know that there is more to the story on the nuclear problem at McGuire than you are printing. What is the real story? Where can I move my family?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 6:30Am

Message number: 2

Message for: Rumor control

Message:

My husband has been called back to the plant to staff the TSC. I'm scared! What is going on at the plant? Is my husband in any type of danger? I don't even know how to get in touch with him! What number can I call to check with him?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 6:40 AM

Message number: 3

Message for: Rumor control

Message:

This is Helen Everhardt. I live in a small house in Charlotte. I am an elderly person and can not drive. What am I suppose to do? If they evacuate, who's going to take care of me?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 6:45 Am

Message number: 4

Message for: Rumor control

Message:

Hello, I wonder if you would get them to announce over the radio and on television that I would be glad to come and get anyone who needs transportation to an evacuation shelter if they would call me at 882-7543. My name is Charlie Lewis.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:00AM

Message number: 5

Message for: Rumor control

Message:

I know you've had an accident at the nuclear plant. I've been on a tour before and know a lot about nuclear plants. I'll know if you are not telling the public the truth about your problem. Was this accident caused by operator error like at Three Mile Island or is the equipment broken? My name is Bill Hodges.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:05 Am

Message number: 6

Message for: Rumor control

Message:

This is the second time that you've had problems at your plant. People don't realize how serious problems at a nuclear station really are. Is this just like the leak you had before? I know about your steam generator problems. Is this a steam generator problem?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:10 Am

Message number: 7

Message for: Rumor control

Message:

Hello, I've been listening to the radio and I hear that there is something wrong at that nuclear plant. I'm scared because I'm the only one at home in my neighborhood. If I leave now, where should I go?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:10Am

Message number: 8

Message for: Rumor control

Message:

This is Martin Smith of Statesville, NC. I just heard that your plant on Lake Wylie has declared an ALERT. What exactly is that? Are we in danger? Does this mean that radiation is leaking out?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:15 AM

Message number: 9

Message for: Rumor control

Message:

Hi, I have just heard an ambulance go by my house twice. My neighbor said that they said something on the radio about an accident at the nuclear plant. Can you tell me if there is something wrong at the nuclear plant?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:18 AM

Message number: 10

Message for: Rumor control

Message:

This is Margie Stock and my husband is a welder at McGuire. I am terrified that he has been hurt. Can you tell me where he is? Can I talk to him? Can you have him call home?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:30AM

Message number: 11

Message for: Rumor control

Message:

This is Mark Hodges with Channel 36 television. Is there some where at the station that we can land our station helicopter? One of our reporters has been out of the area and we'd like to get him to the plant as fast as we can.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:35Am

Message number: 12

Message for: Rumor control

Message:

Hello, I'm George Settle, they just told about the nuclear plant over the radio. They keep talking about a reactor - what is a reactor? What does "control rods" have to do with it? Well, if the reactor gets too hot what is going to keep the plant from melting or burning or whatever it does?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:40 AM

Message number: 13

Message for: Rumor control

Message:

I understand that the nuclear station has blown up. Are we going to be seeing any radiation? I know we need to leave town. What is the safest route for us to take?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:45Am

Message number: 14

Message for: Rumor control

Message:

This is Brenda Smith with the Charlotte Observer. I have just come on shift and I understand that there is a problem at one of your nuclear stations. Can you bring me up-to-date?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:50 AM

Message number: 15

Message for: Rumor control

Message:

Hello, I get my water from a well on my property. Will the water be affected by the release of the radioactive gases in this area? I just heard them talking about how to store food and I'm wondering about the water.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 7:55 Am

Message number: 16

Message for: Rumor control

Message:

This is Tim Petty. My wife works at the station and I've heard that you're having a lot of problems. She works in Safety Assurance. I called and she wasn't at her desk. I'm scared that she's been hurt. Can you kind out where she is and tell her to give me a call.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:00AM

Message number: 17

Message for: Rumor control

Message:

This is WBT-TV. We are receiving your news release about the problem at the station. I feel like it is our duty (since we are and EBS station) to make sure the public stay informed. Do you have 24 hour-a-day coverage? Who do I need to contact? We'd like to do a story at 12 noon, 6 p.m. and 11 p.m. I will also need a statement from a Duke Power representative. Who can help me out?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:05AM

Message number: 18

Message for: Rumor control

Message:

This is Mrs. Jordan, and there are men in white suits out in my neighborhood...what is going on? Do I need to stay inside? Do I need to leave? Do I need to get my dog in the house? I have a garden out in the back, are the plants safe to eat?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:10 AM

Message number: 19

Message for: Rumor control

Message:

My husband is an operator at the plant. I've heard there's a problem and want to make sure that he is O.K. Can you transfer me to the control room or can you give me the most up-to-date information?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:20AM

Message number: 20

Message for: Rumor control

Message:

I've been listening to the radio and I hear that there is a terrible fire at McGuire. I'm frightened. What do I need to do?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:20Am

Message number: 21

Message for: Rumor control

Message:

Hello, this is Myra Stevens and I live on Highway 73. Close to the nuclear station. As I was taking my kids to school this morning, I noticed alot of people running around at your nuclear station. Is there a problem there? I sure didn't feel good about leaving my children? Are they safe? Am I?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:25 AM

Message number: 22

Message for: Rumor control

Message:

Ms. Ashley: I am 73 years old and I don't own a radio or TV.
How will I get information about the nuclear accident?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:26 AM

Message number: 23

Message for: Rumor control

Message:

Hi, I'm Rick Priory. I'm getting alot of questions from people in the General Office and I'm just calling to see what information you are giving out. Should I put a recording on my telephone referring calls to this number? Do you think the situation is improving?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:28 AM

Message number: 24

Message for: Rumor control

Message:

This is Mike Easterling of Cornelius. I heard on the radio that you folks had ~~an~~ a fire at McGuire. How serious is it? Is it out? Have there been any injuries?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:30 AM

Message number: 25

Message for: Rumor control

Message:

I'm scared. I've heard on my radio there's a problem at the nuke plant. I'm new and have always been concerned about the safety of the plant. I've heard how dangerous plants like this can be. They're just like nuclear bombs. Is this plant going to blow up? What do I need to do?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:45 AM

Message number: 26

Message for: Rumor control

Message:

This is Mark Jones. There are all kinds of DUke Power vans driving around. I know there is a problem at your station. Do I need to stay inside? What's going on? Do I need to leave the are? DO I need to put my dog inside? I have a garden out back. Are the plants going to be contaminated?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:50 Am

Message number: 27

Message for: Rumor control

Message:

This is Ms. Abrahams. I have a child in elementary school. Have you evacuated any of the schools? What do I need to do?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:50 Am

Message number: 28

Message for: Rumor control

Message:

My name is Bill Norton and my wife and I were looking at some property on Lake Norman this morning and noticed that your atomic nuclear plant. Is is safe? How long has it been in the area? Will we be affected by the station if we live so close by?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:50Am

Message number: 29

Message for: Rumor control

Message:

Hi. My name is Lynn Morse and I'm on vacation. I was listening to my CB and heard some county officials talking about evacuating

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:55 Am

Message number: 30

Message for: Rumor control

Message:

I live alone and have a cat. I know that it is silly but I am very close to my cat. I can't just leave her....If I am evacuated, can I take the cat to the shelter?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:55 Am

Message number: 31

Message for: Rumor control

Message:

This is Yvonne Lamb. I'm worried about the problems you're having at the nuclear station. Is this like what happened at Three Mile Island? Are we going to have to evacuate? I am six months pregnant. Am I in any special danger?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 8:58Am

Message number: 32

Message for: Rumor control

Message:

This is Mrs. Hugh Robinson. My son works at your nuclear station as a contractor. I want to speak with him. Can you tell me how to get in touch with him? I know that your workers are trained but he is not a Duke employee -- what will he do?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:00 Am

Message number: 33

Message for: Rumor control

Message:

Hello, I am Maisy Peterson of Westland Hills Rest Home. We have heard there is a bad problem at your nuclear plant. Who will come get us?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:00 AM

Message number: 34

Message for: Rumor control

Message:

You know, after that Three mile Island accident, the public found out that the plant workers were hiding information. How do we know that we're getting the whole story now? What are you trying to hid. Is the public in any type of danger?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:00 Am

Message number: 35

Message for: Rumor control

Message:

I need some information please. I am a realtor in Huntersville and as I was showing some property at Cowans Ford this morning, my client noticed alot of activity at your nuclear station. They were concerned and will not sign on the property until I have information on what is going on and if it is normal. Is it normal? How often do you have problems? How prepared are you to take care of them? Is this plant like that Three Mile Island plant that melted down? Or is it like the one in Russia that killed so many people? (Realtors name is Annette Ramsey)

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:00

Message number: 36

Message for: Rumor control

Message:

Hello, I'm Marion Strock. I'm a county official and ~~i~~ thought I would call this number to see what you all were telling people about that plant. I've been listening to the news but it sounds like they just keep repeating the same thing over and over. What is happening at the plant right now? Are you all leveling with the people? How soon do you think it's going to be before you evacuate all this area? People are calling here and I don't know what to tell them. I think I should just leave so I won't get all these calls.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:05AM

Message number: 37

Message for: Rumor control

Message:

This is Alan Moore and I'm handicapped. I know that there is a problem at the station. I kept my emergency planning booklet that you send me in the mail but I haven't sent the little handicapped card back in. What do I do?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:08Am

Message number: 38

Message for: Rumor control

Message:

I've just hear that the same thing that happened in Russia is happening here. You know they didn't tell the Russian people about the situation and many of them died. Why doesn't Duke tell the truth so that we will have the time to get out before we die?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:10 AM

Message number: 39

Message for: Rumor control

Message:

This is H.A. Thompson with WBTB News. We would like to come down to the plant and set up a crew. Will you have someone available to comment?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:15

Message number: 40

Message for: Rumor control

Message:

I'm mad as I can be about this here accident at ~~that~~ that nuclear plant. I told the folks when they put that plant here that something like this was going to happen. Everything I've worked for all my life is right here in this area. If something happens to it and I can't live here no longer, I want you to know than I'm going to sue DPC. You can tell Bill Lee that I'm going to get all my neighbors to sue too. It ain't fair for people to lose their homes and everything they've got so that they can put these nuclear plants here. What is your name? Do you work for DPC? Well, you will hear from me if this here thing gets worse.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:18 Am

Message number: 41

Message for: Rumor control

Message:

This is Elise Summers and my family and I are terrified! We have only been in the area for about 6 months now and don't know where to go or what to do. Help...Explain what we need to do and what is actually going on.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:20 Am

Message number: 42

Message for: Rumor control

Message:

This is Missy Lee. I am 8 years old and my mommy is at the store. She said she'd be right back. The siren in our neighborhood is going off and my brother, Neil, said to call this number. What are we supposed to do? My brother is old. He is 14. What are we supposed to do? Do you think my mommy has been hurt?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:25AM

Message number: 43

Message for: Rumor control

Message:

My brother who works at the plant, just called his wife and told her that things at the plant were getting worse. And they just said on the tv that conditions are stable. Who should I believe? I've been calling everyone I know to tell them what my brother said. We're all getting out of here.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:30 AM

Message number: 44

Message for: Rumor control

Message:

My name is Elizabeth Brown. I know what you are having a melt down at one of your plants. Where is the plant located? What kind of danger is my 5 month old child in? Are we going to get sick?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:35 AM

Message number: 45

Message for: Rumor control

Message:

This is Alan Moore and I am handicapped. I read your brochure but I never sent in a card. What do I do?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:40AM

Message number: 46

Message for: Rumor control

Message:

This is Angie Cosby. I just heard the sirens around the nuclear station go off. Is this a test. You all are always testing those sirens. I didn't get a notice this time...why not?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:45AM

Message number: 47

Message for: Rumor control

Message:

I understand that you are having major problems at your plant. How many people work there? How many have been injured? How many have been exposed to radiation?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:48Am

Message number: 48

Message for: Rumor control

Message:

This is Irvin Letterman. My wife is at Eastridge Mall shopping and the sirens have sounded in our neighborhood. Do I need to leave without her? How will she know? She is a heart patient and will need her medication -- how will I get it to her? What if she has a heart attack? Who will take care of her?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:50AM

Message number: 49

Message for: Rumor control

Message:

We are visiting with our cousins here on Lake Norman and they are out on the lake fishing. We heard the sirens and aren't sure what to do. What has happened? What has happened to our cousins out in the boat? How will they get back to us? How long do they have?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:55Am

Message number: 50

Message for: Rumor control

Message:

I work at Nesbitt Lumber Company in Mount Holly and we have heard the sirens go off, but our management says "Keep working". Can you tell us what is going on?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 9:55AM

Message number: 51

Message for: Rumor control

Message:

Hi, this is Mike Whingate. I heard there's a problem at you nuke plant. The siren have been going off and my child's in school. Where do I need to go and pick her up. She's only 8 years old

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:00 Am

Message number: 52

Message for: Rumor control

Message:

This is television Channel 36. We would like to go to the plant to get some footage. Is it possible to get into the control room so the public can see the operators at work? Who do we need to talk to?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:05Am

Message number: 53

Message for: Rumor control

Message:

Hello. My name is Brad Day. My neighbor just told me that there is a chance that babies will be borne with deformities because of the accident at your nuclear plant. He said that after Chernobyl both animals and humans had more defects. What do you know about that?

Notes:

THIS IS A DRILL MESSAGE

Date: October 25, 1993

Time: 10:10 Am

Message number: 54

Message for: Rumor control

Message:

Hello. I live in Gastonia and I have heard the reports of problems at McGuire but I have not heard the sirens. Aren't they working? What good are they if they can't let us know of these emergencies?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:15 AM

Message number: 55

Message for: Rumor control

Message:

Mrs. Markam: I have a dog shelter in Lincolnton and I have heard the sirens go off. I read my emergency planning brochure and understand that I cannot take the animals with me. I cannot leave these animals here to die. Who can I call to get help?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:20 AM

Message number: 56

Message for: Rumor control

Message:

My husband works at the nuclear station. I am a little worried with all of the problems you're having at the plant. I would like for him to come on home. How can I get in touch with him? His name is Jerry Blue.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:30 Am

Message number: 57

Message for: Rumor control

Message:

Hi, I read in a magazine that they give out iodine tablets around nuclear power plants when an accident occurs. Who is giving them out in my area? I live at Boiling Springs.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:40 Am

Message number: 58

Message for: Rumor control

Message:

Hello, my neighbor just told me that babies will be born with deformities because of this nuclear accident. He said he read it in a magazine recently. He said that after Chernobyl both animals and humans had more birth defects. What do you know about that?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:45 AM

Message number: 59

Message for: Rumor control

Message:

This is Mason Black of Black's Dairy Farm. I am a volunteer fireman and heard that you all were having some problems. What's happening? Are my cows going to be okay? Do you need a volunteer fireman to come in and help out? Do you need for us to help with crowd control?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 10:50 Am

Message number: 60

Message for: Rumor control

Message:

This is Beth Myers of Davidson and I am 7 months pregnant and my husband is working out of town. I remember that they evacuated pregnant women and children at Three Mile Island first. Did they miss me? I am scared and I have no one here. Please help me.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:00 Am

Message number: 61

Message for: Rumor control

Message:

Ms. Markam: Can I take my prize persian cat to the shelter?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:05

Message number: 62

Message for: Rumor control

Message:

My name is Bob Adams. I know there is more to the story than what we are been told on the radio and tv. What is the whole/real story? Where should I move my family?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:08 Am

Message number: 63

Message for: Rumor control

Message:

Mr. Shelly: I am 90 years old and I have lived through everything from tornados, to hurricane HUGO, to all the wars. I am not going to leave my home. I hear those sirens and I hear the news, but I'm not leaving. I guess this is as good a place as any to die.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:11 AM

Message number: 64

Message for: Rumor control

Message:

My name is Mark Rhinegruger. I just heard about the release of radiation you're having at the plant. What kind of danger are we (the public) in? I'm scared. I heard all kinds of things about radiation.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:20 AM

Message number: 65

Message for: Rumor control

Message:

This is Dan Rather with CBS news. We want to do a live interview with Bill Lee about the accident at McGuire. Wall Street analysts will be offering their opinions

Can you give us your comments or can you get Bill Lee on the line?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:30. m

Message number: 66

Message for: Rumor control

Message:

This is Elise Summers and my family and I are terrified. We have only lived here 6 months and we don't have any information about where to go or what to do. What is a General Emergency? What do we do? Is it too late?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:35 AM

Message number: 67

Message for: Rumor control

Message:

Hello, this is Channel 7 in Greenville SC and we would like to put you on the air to explain to our viewers what is exactly happening at McGuire. Are you ready?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:40

Message number: 68

Message for: Rumor control

Message:

This is the switchboard I just received a phone call from Mary Evatt. She lives on Ebenezer Road. She says that the siren at the end of the road has not stopped running.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:45 Am

Message number: 69

Message for: Rumor control

Message:

My area has been designated for evacuation. I can't understand your maps (in the booklet you mailed out). They always confuse me. Can you help me out? What am I suppose to take with me and how long will it be before I can return?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:50 AM

Message number: 70

Message for: Rumor control

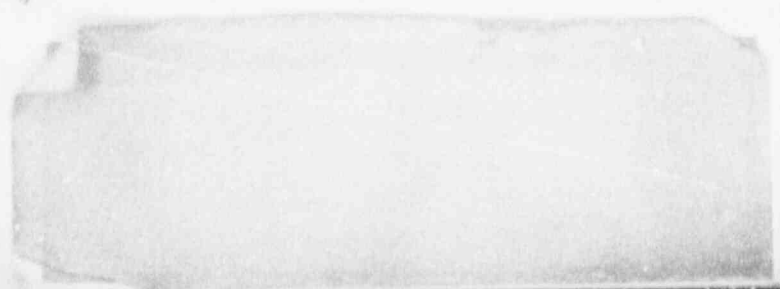
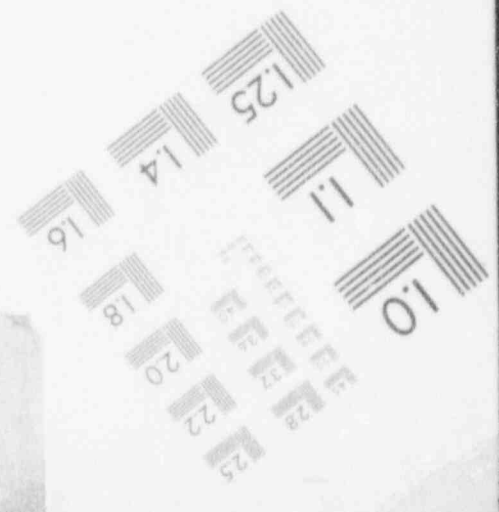
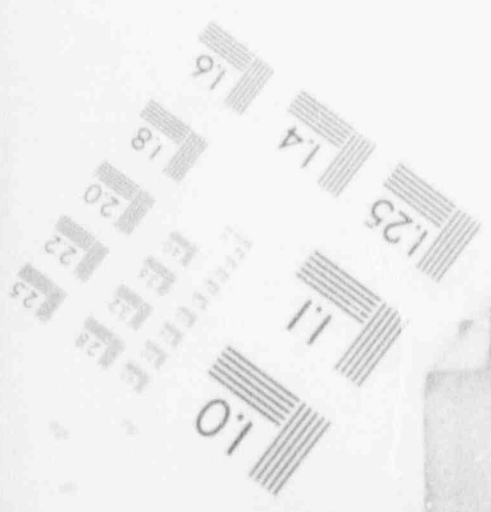
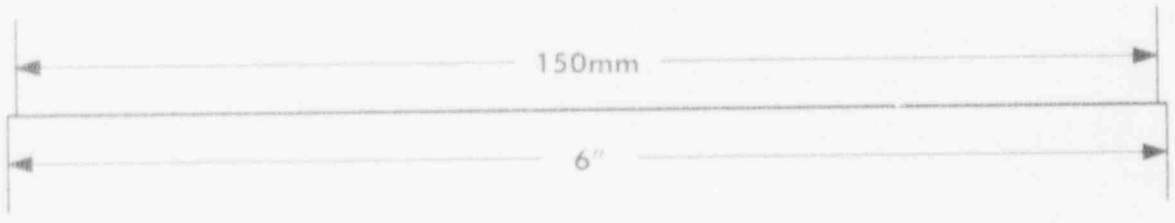
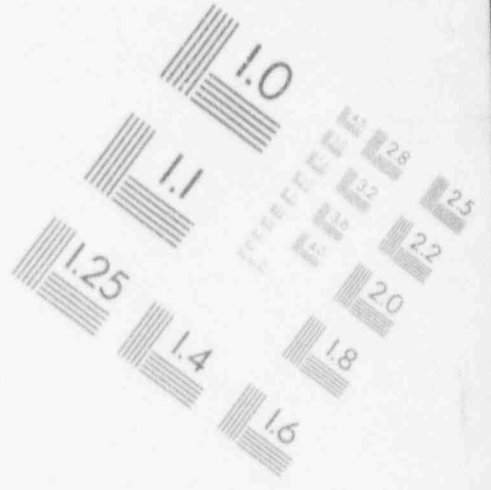
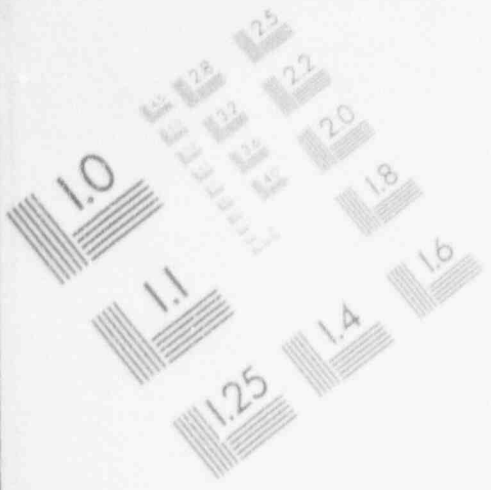
Message:

This is Mike Cosar with WBT and we are getting the same information over and over about the problems at the station. We would like to see for ourselves. Can someone meet us at McGuire? Our viewers deserve the truth.

Notes:

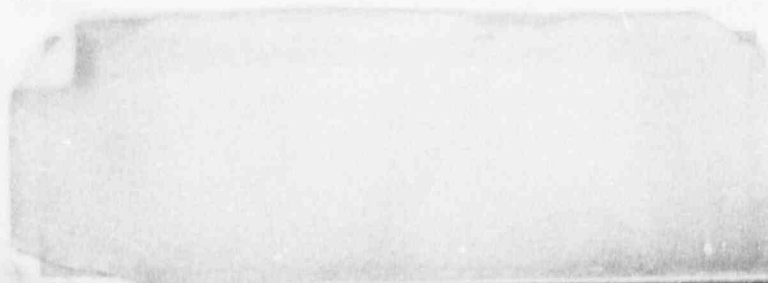
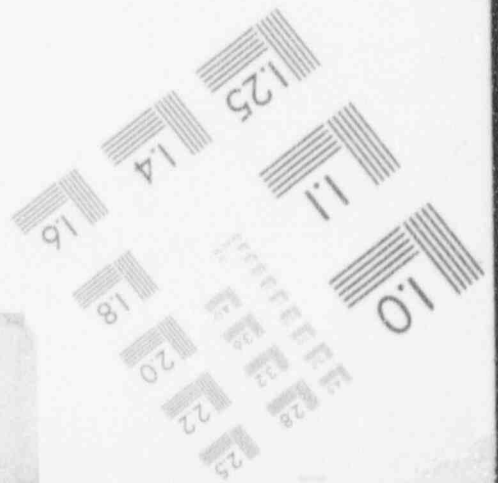
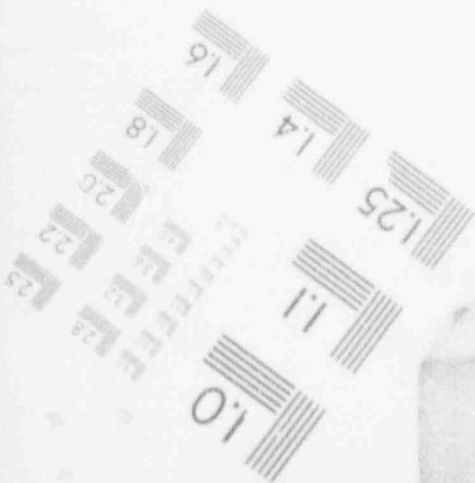
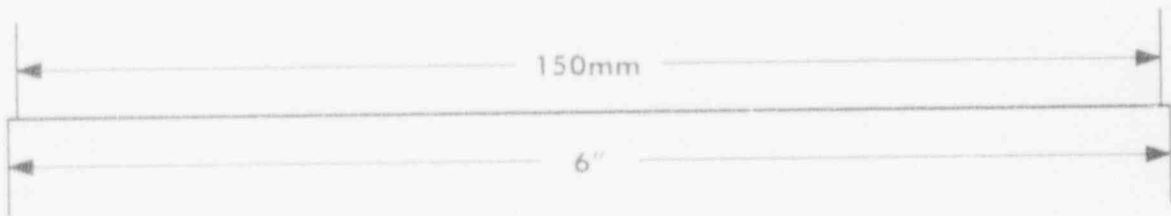
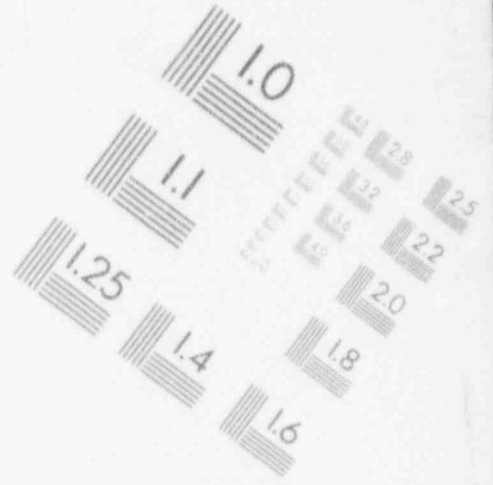
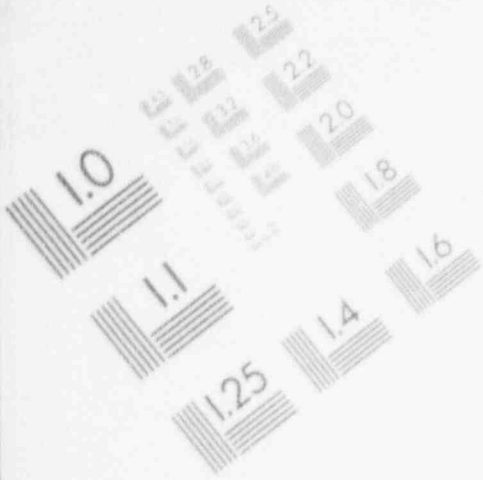
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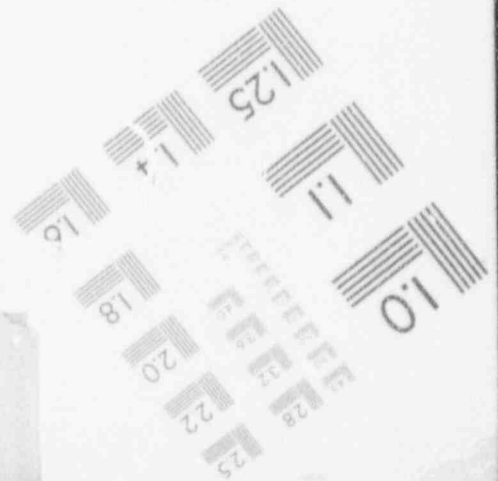
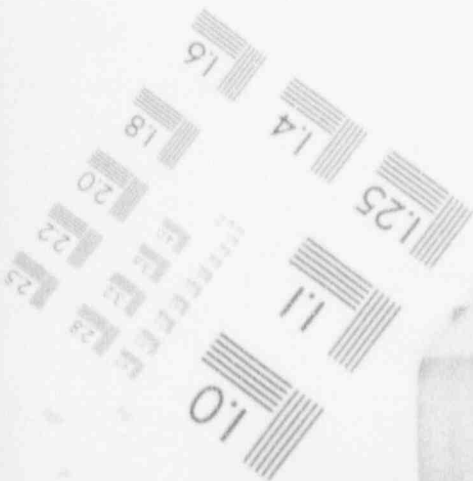
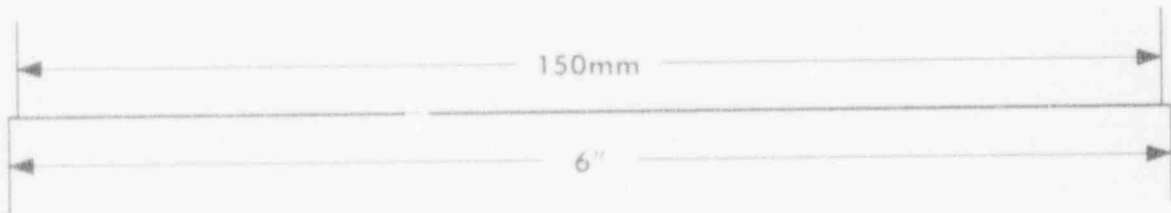
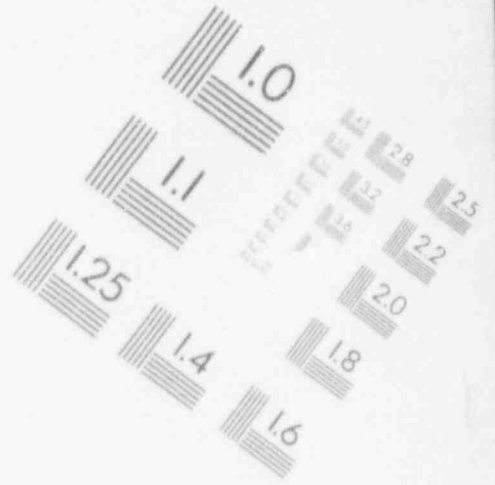
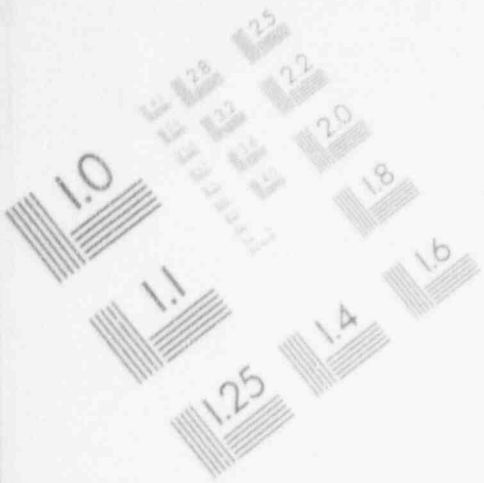
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IMAGE EVALUATION TEST TARGET (MT-3)



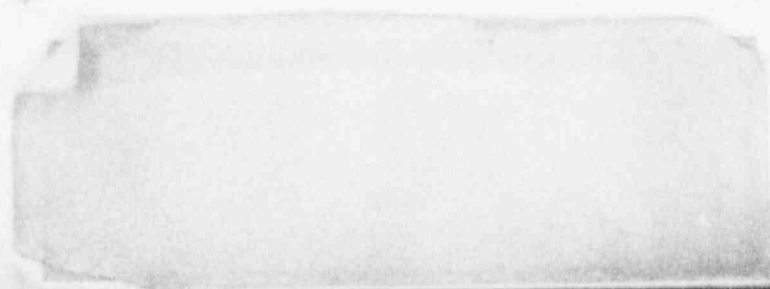
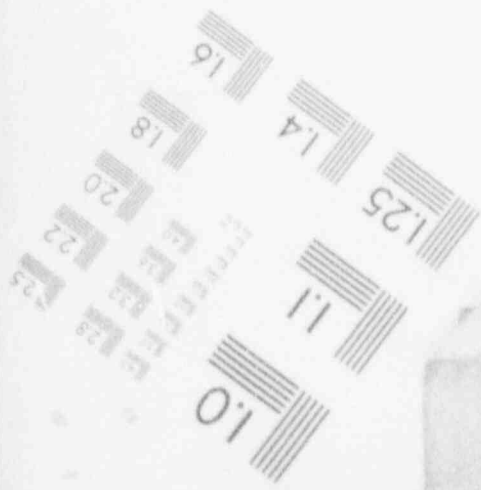
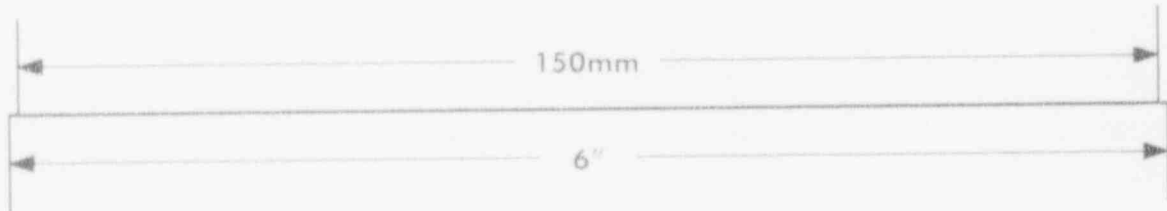
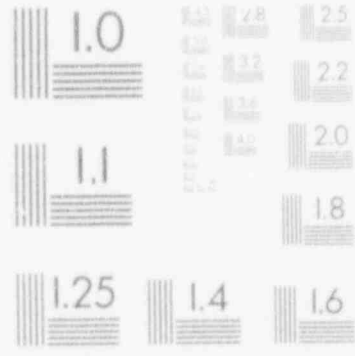
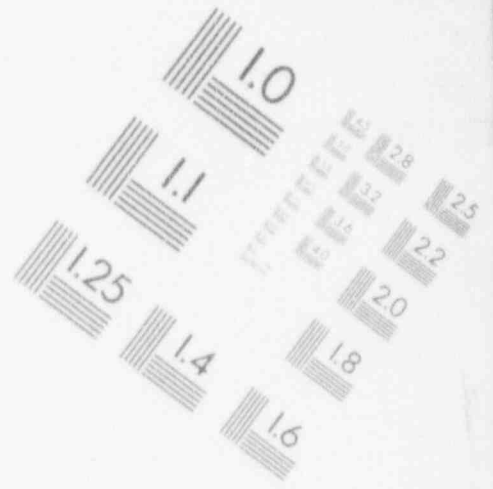
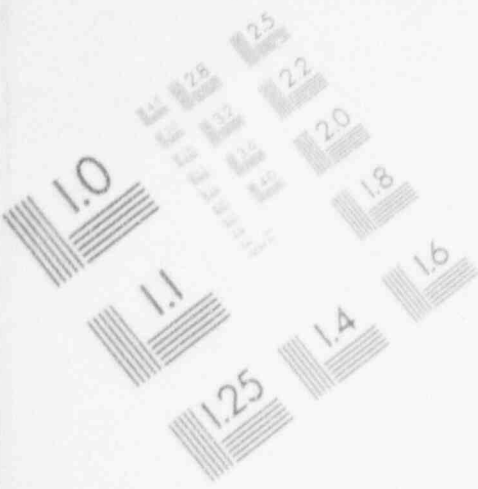
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IMAGE EVALUATION TEST TARGET (MT-3)



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IMAGE EVALUATION TEST TARGET (MT-3)



THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 11:55

Message number: 71

Message for: Rumor control

Message:

Mr. Abrams: I have a child in elementary school in (your county) and we have been ordered to evacuate. What do I do?

Notes:

THIS IS DRILL MESSAGE

Date: October 20, 1993

Time: 12:00 NOON

Message number: 72

Message for: Rumor control

Message:

Tom Meadows here. What is a general emergency? How did you get to that? What is next?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 12:05PM

Message number: 73

Message for: Rumor control

Message:

My name is Jerry Strange and I've studied about nuclear plants in college. Three Mile Island and Chernobyl both had serious problems. I understand the risk but would like to come to the plant to see a recovery team in action.

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 12:10 AM

Message number: 74

Message for: Rumor control

Message:

This is Amanda Brown. Has there been an accident at McGuire?
We have heard our sirens here at our lake cabin but have no radio
or tv. Do we need to evacuate? Has there been a release of
radioactivity? We were out on the boat and had been skiing. Is
the water bad in the lake?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 12:15 Pm

Message number: 75

Message for: Rumor control

Message:

This is Jack Horan with the Charlotte Observer. We are covering your problem at McGuire and need some information. How many people work there? How many have been evacuated from the station? How many from the community? What about injuries?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 12:20 Pm

Message number: 76

Message for: Rumor control

Message:

This is Mr. Steely. I'm 90 years old and don't want to leave my home. I heard those sirens, radio reports and television reports... but don't want to leave my home. I just wanted to let you know that I'm staying!

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 12:25 PM

Message number: 77

Message for: Rumor control

Message:

My name is Nita Haron. I have a friend that works at the nuclear station. She called and asked me to pick up her children from daycare - that there was a big problem at the plant. What is going on? Is it dangerous for me to be out driving? Breathing the air?

Notes:

THIS IS A DRILL MESSAGE

Date: October 20, 1993

Time: 12:30 Pm

Message number: 78

Message for: Rumor control

Message:

My name is Ray Green and I'm with Channel 7 News. Where can I come to get the most up-to-date information about the plant? I'd also like a company spokesperson to speak on the 6:00 News.

Notes:

Group: 05	-----	PRIMARY SYSTEM	-----		
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP		616.36	DEG F	
2. A0971	NCLLOOP B WIDE RANGE HOT LEG TEMP		616.66	DEG F	
3. A0977	NC LOOP C WIDE RANGE HOT LEG TEMP		616.36	DEG F	
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP		616.36	DEG F	
5. A1061	NC LOOP A WIE RANGE COLD LEG TEMP		559.38	DEG F	
6. A1067	NC LOOP B WIDE RANGE COLD LEG TEM		559.42	DEG F	
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP		559.44	DEG F	
8. A1079	NC LOOP D WIDE RANGE CLLD LEG TEMP		559.42	DEG F	
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS		2248.19	PSIG	
11. A1124	PZR LEVEL I (HOT CALIBRATED)		61.11	%	
12. D2803	REACTOR COOLANT PUMP A	ON			
13. D2804	RACTOR COOLANT PUMP B	ON			
14. D2805	REACTOR COOLANT PUMP C	ON			
15. D2806	REACTOR COOLANT PUMP D	ON			
16. A1177	SOURCE RANG (FLUX) LEVEL CHANNEL 1		0.00	CPS	
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL2		0.00	CPS	
18. A0528	PWVER RANGE AVG LEVEL QUADRANT 1 (N-43)		9.12	%	
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE		99.09	%	
20. A0602	CVCS BORON METER (ISOLATED ON Ph. A)		622.89	PPM	
21. A1312	RVLIS - TRIN A - DYNAMIC HEAD D/P		105.07	%	
22. A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL		61.33	%	
23. A1306	VLIS - TRAIN A - LOWER RANGE LEVEL		64.00	%	
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN		13.81	DEG F	
Group: 10	-----	SECONDARY SYSTEM	-----		
1. A1004	STEAM GEN A WIDE RANGE LEVEL		63.86	%	
2. A1005	TTEAM GEN B WIDE RANGE LEVEL		63.86	%	
3. A0970	STEAM GEN C WIDE RANE LEVEL		63.56	%	
4. A0988	STEAM GEN D WIDE RANGE LEVEL		63.86	%	
5. A1107	STEAM GENA STEAM (LINE) PRESS I		990.20	PSIG	
6. A1113	STEAM GEN B STEAM (LINE) PRESS I		990.20	PSIG	
7. A1119	STEAM GEN C STEAM (LINE) PRESS I		990.21	PSIG	
8. A1125	STEAM GEN D STEAM (INE) PRESS I		990.19	PSIG	
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1		3.79	MLB/HR	
10. P1414	TOTAL S/GB (MAIN) FEEDWATER FLOW 1		3.79	ML/HR	
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1		3.79	MLB/HR	
12. P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1		3.79	MLB/HR	
13. P1208	AUX FEEDWATER FLOW O S/G A		0.0530	MLB/HR	
44. P1209	AUX FEEDWATER FLOW TO S/G B		0.0530	MLB/HR	
15. P1210	AUX FEEDWATER FLOW TO S/G C		0.0530	MLB/HR	
16. P1211	AUX FEEDWATER FLOW TO S/G D		0.0530	MLB/HR	
17. A1059	STEAM GEN A NARROW RANGE LEVEL IV		66.00	%	
18. A1065	STEAM GEN B NARROW ANGE LEVEL IV		66.00	%	
19. A1071	STEAM GEN C NARROW RANGE LEVEL IV		66.00	%	
20. A1077	STEAM GNN D NARROW RANGE LEVEL IV		66.00	%	
21. A0736	MAIN STEAM HEADER PRESSURE		975.75	PSIG	

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1.	D0970	NV PUMP A (HIGH HEAD SI)	OFF
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HIG HEAD SI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHARGE HEADER FLOW	87.37 GPM
9.	A0855	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00 GPM
10.	A0764	LETDOWN H OUTLET FLOW	75.64 GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO
13.	D0401	REFUELING WATER STOAGE TANK LEVEL	NOT EMER LO

Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	----- PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1610 PSIG
3.	A1047	WIDE RANGE CONTAIN PRESS (-5 TO 60)	----- PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.59 DEG F
5.	A1204	UPPER CONT AMBIENT AIR TEMP A	89.98 DE F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMENT SUP LEVEL TRAIN B	----- FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN	0.00 %
9.	D3572	NS UMP A (CONTAINMENT SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SRAY)	OFF

Group: 25		RADIATION SYSTEMS	
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98 CPM
2.	A0829	1EM551A IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.94 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE H RANGE	5.00 CPM
7.	A0055	1EF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.00 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	11.01 CPM
10.	A0012	1EMF36L UNI VENT GAS LO RANGE	465.00 CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	19.95 CPM
12.	A0013	EMF35L UNIT VENT PARTICULATE LO RANGE	310.00 CPM
13.	A0049	1EMF37 UNIT VENT IODINE	385.00 CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.00 CPM
15.	A1368	1EMF24 STEMLINE 1A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR	0.0110 MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.110 MR/HR
18.	A1386	1EMF27 STEAMLINE 1DRADIATION MONITOR	0.0110 MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	----- CPM

Group: 30		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	----- MPH
2.	P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	----- MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAG))	----- DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	----- DEG
5.	P0849	LOWER WIND DIRECTION (15 MIUTE AVERAGE)	----- DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN	----- IN
7.	P0851	AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)	----- DEG C
8.	A0863	UNIT VENT STACK FLOW	91647.50 FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35			
1. A0268	IN-CORE TEMP A10 T/C #2	559.29	DEG F
2. A0166	IN-CORE TEMP J06 T/C #17	558.82	DEG F
3. A0155	IN-CORE TEMP F01 T/C #43	559.73	DEG F
4. A0251	IN-CORETEMP M07 T/C #59	559.13	EG F
5. P0823	5 HIGHEST IN-CORE T/C TEMP ARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7. A1323	IN-CO:RE TEMP K05 T/C #54	-----	DEG F
8. A1341	IN-CCRE TEMP M11 T/C #60	-----	DEG F
9. A1287	IN-CO:R TEMP D13 T/C #42	-----	DEGF
10. A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36 DEG F
2.	A0971	NCLLOOP B WIDE RANGE HOT LEG TEMP	616.66 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36 DEG F
5.	A1061	NC LOOP A WIE RANGE COLD LEG TEMP	559.38 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEM	559.42 DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44 DEG F
8.	A1079	NC LOOP D WIDE RANGE CLLD LEG TEMP	559.42 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2248.19 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	61.11 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	RACTOR COOLANT PUMP B	ON
14.	D2305	REACTOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANG (FLUX) LEVEL CHANNEL 1	0.00 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL2	0.00 CPS
18.	A0628	PWVER RANGE AVG LEVEL QUADRANT 1 (N-43)	9.12 %
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.09 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89 PPM
21.	A1312	RVLIS - TRIN A - DYNAMIC HEAD D/P	105.07 %
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33 %
23.	A1306	VLIS - TRAIN A - LOWER RANGE LEVEL	64.00 %
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.81 DEG F

Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.86 %
2.	A1005	TTEAM GEN B WIDE RANGE LEVEL	63.86 %
3.	A0970	STEAM GEN C WIDE RANE LEVEL	63.86 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.86 %
5.	A1107	STEAM GENA STEAM (LINE) PRESS I	990.20 PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	990.20 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	990.21 PSIG
8.	A1125	STEAM GEN D STEAM (INE) PRESS I	990.19 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79 MLB/HR
10.	P1414	TOTAL S/GB (MAIN) FEEDWATER FLOW 1	3.79 ML/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79 MLB/HR
13.	P1208	AUX FEEDWATER FLOW O S/G A	0.0530 MLB/HR
44.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0530 MLB/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0530 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0530 MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00 %
18.	A1065	STEAM GEN B NARROW ANGE LEVEL IV	66.00 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00 %
20.	A1077	STEAM GNN D NARROW RANGE LEVEL IV	66.00 %
21.	A0736	MAIN STEAM HEADER PRESSURE	975.75 PSIG

Group:	System Name	Status	Value	Unit
15	----- AUXILIARY/INJECTION SYSTEMS -----			
1.	D0970 NV PUMP A (HIGH HEAD SI)	OFF		
2.	D0620 NV PUMP B (HIGH HEAD SI)	ON		
3.	A0827 BORON INJECTION (HIG HEAD SI) FLOW		0.00	GPM
4.	D3574 NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5.	D3576 NI PUMP B INTERMEDIATE HEAD SI)	OFF		
6.	D1042 ND PUMP A (LOW HEAD SI / RHR)	OFF		
7.	D0968 ND PUMP B (LOW HEAD SI / RHR)	OFF		
8.	A0758 CHARGING PUMP DISCHARGE HEADER FLOW		87.37	GPM
9.	A0856 (LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10.	A0764 LETDOWN H OUTLET FLOW		75.64	GPM
11.	D0400 REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12.	D0402 REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13.	D0401 REFUELING WATER STOAGE TANK LEVEL	NOT EMER LO		
20	----- CONTAINMENT SYSTEMS -----			
1.	A0590 NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2.	A0785 INTER. RANGE CONTAIN. PRESS (-5 TO 20)		0.1610	PSIG
3.	A1047 WIDE RANGE CONTAIN PRESS (-5 TO 60)			PSIG
4.	A1228 LOWER CONT AMBIENT AIR TEMP A		110.59	DEG F
5.	A1204 UPPER CONT AMBIENT AIR TEMP A		89.98	DE F
6.	A1041 CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7.	A0671 CONTAINMENT SUP LEVEL TRAIN B			FT
8.	A0848 CONTAINMENT H2 CONCENTRATION TRAIN		0.00	%
9.	D3572 NS UMP A (CONTAINMENT SPRAY)	OFF		
10.	D3573 NS PUMP B (CONTAINMENT SRAY)	OFF		
25	----- RADIATION SYSTEMS -----			
1.	A0115 1EMF48 REACTOR COOLANT MONITOR		51924.98	CPM
2.	A0829 1EM551A IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
3.	A0835 1EMF51B IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
4.	A0073 1EMF39H CONTAINMENT GAS HI RANGE		2.00	CPM
5.	A0067 1EMF39L CONTAINMENT GAS LO RANGE		28504.94	CPM
6.	A0061 1EMF38H CONTAINMENT PARTICULATE H RANGE		5.00	CPM
7.	A0055 1EF38L CONTAINMENT PARTICULATE LO RANGE		27029.45	CPM
8.	A1009 1EMF36HH UNIT VENT GAS HI HI RANGE		4.00	R/HR
9.	A0018 1EMF36H UNIT VENT GAS HI RANGE		11.01	CPM
10.	A0012 1EMF36L UNI VENT GAS LO RANGE		465.00	CPM
11.	A0019 1EMF35H UNIT VENT PARTICULATE HI RANGE		19.95	CPM
12.	A0013 EMF35L UNIT VENT PARTICULATE LO RANGE		310.00	CPM
13.	A0049 1EMF37 UNIT VENT IODINE		385.00	CPM
14.	A0079 1EMF40 CONTAINMENT IODINE		500.00	CPM
15.	A1368 1EMF24 STEMLINE 1A RADIATION MONITOR		0.0110	mR/Hr
16.	A1374 1EMF25 STEAMLINE 1B RADIATION ONITOR		0.0110	MR/HR
17.	A1380 1EMF26 STEAMLINE 1C RADIATION MONITOR		0.110	MR/HR
18.	A1386 1EMF27 STEAMLINE 1DRADIATION MONITOR		0.0110	MR/HR
19.	A0127 EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM
30	----- ENVIRONMENTAL SYSTEMS -----			
1.	P0846 UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2.	P0848 LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3.	P0850 LOWER TO UPPER DELTA-T (15 MINUTE AVERAG))			DEG C
4.	P0847 UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5.	P0849 LOWER WIND DIRECTION (15 MIUTE AVERAGE)			DEG
6.	P0595 PRECIPITATION IN LAST 15 MIN			IN
7.	P0851 AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)			DEG C
8.	A0863 UNIT VENT STACK FLOW		91647.50	FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35			
1. A0268	IN-CORE TEMP A10 T/C #2	559.29	DEG F
2. A0166	IN-CORE TEMP J06 T/C #17	558.82	DEG F
3. A0155	IN-CORE TEMP F01 T/C #43	559.73	DEG F
4. A0251	IN-CORETEMP M07 T/C #59	559.13	EG F
5. P0823	5 HIGHEST IN-CORE T/C TEMP ARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9. A1287	IN-COR TEMP D13 T/C #42	-----	DEGF
10. A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05	PRIMARY SYSTEM		
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.66	DEG F
3. A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.38	DEG F
6. A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	559.42	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44	DEG F
8. A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	559.42	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2248.19	PSIG
11. A1124	PZR LEVEL I (HOT CALIBRATED)	61.11	%
12. D2803	REACTOR COOLANT PUMP A		ON
13. D2804	REACTOR COOLANT PUMP B		ON
14. D2805	REACTOR COOLANT PUMP C		ON
15. D2806	REACTOR COOLANT PUMP D		ON
16. A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	9.12	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.09	%
20. A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89	PPM
21. A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	105.07	%
22. A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33	%
23. A1306	VLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.81	DEG F

Group: 10	SECONDARY SYSTEM		
1. A1004	STEAM GEN A WIDE RANGE LEVEL	63.86	%
2. A1005	STEAM GEN B WIDE RANGE LEVEL	63.86	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	63.86	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	63.86	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	990.20	PSIG
6. A1113	STEAM GEN B STEAM (LINE) PRESS I	990.20	PSIG
7. A1119	STEAM GEN C STEAM (LINE) PRESS I	990.21	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I	990.19	PSIG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.79	ML/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
12. P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
13. P1208	AUX FEEDWATER FLOW TO S/G A	0.0530	MLB/HR
14. P1209	AUX FEEDWATER FLOW TO S/G B	0.0530	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO S/G C	0.0530	MLB/HR
16. P1211	AUX FEEDWATER FLOW TO S/G D	0.0530	MLB/HR
17. A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00	%
19. A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00	%
20. A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.00	%
21. A0736	MAIN STEAM HEADER PRESSURE	975.75	PSIG

Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----

1. D0970	NV PUMP A (HIGH HEAD SI)	OFF		
2. D0620	NV PUMP B (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIG HEAD SI) FLOW		0.00	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B INTERMEDIATE HEAD SI)	OFF		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW		87.37	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN H OUTLET FLOW		75.64	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STOAGE TANK LEVEL	NOT EMER LO		

Group: 20 ----- CONTAINMENT SYSTEMS -----

1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)		0.1610	PSIG
3. A1047	WIDE RANGE CONTAIN PRESS (-5 TO 60)			PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A		110.59	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A		89.98	DE F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN		0.00	%
9. D3572	NS UMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMENT SRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 REACTOR COOLANT MONITOR		51924.98	CPM
2. A0829	1EM551A IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE		2.00	CPM
5. A0067	1EMF39L CONTAINMENT GAS LO RANGE		28504.94	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE H RANGE		5.00	CPM
7. A0055	1EF38L CONTAINMENT PARTICULATE LO RANGE		27029.45	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE		4.00	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE		11.01	CPM
10. A0012	1EMF36L UNI VENT GAS LO RANGE		465.00	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE		19.95	CPM
12. A0013	EMF35L UNIT VENT PARTICULATE LO RANGE		310.00	CPM
13. A0049	1EMF37 UNIT VENT IODINE		385.00	CPM
14. A0079	1EMF40 CONTAINMENT IODINE		500.00	CPM
15. A1368	1EMF24 STEMLINE 1A RADIATION MONITOR		0.0110	mR/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR		0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR		0.110	MR/HR
18. A1386	1EMF27 STEAMLINE 1DRADIATION MONITOR		0.0110	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM

Group: 30 ----- ENVIRONMENTAL SYSTEMS -----

1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAG))			DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTION (15 MIUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)			DEG C
8. A0863	UNIT VENT STACK FLOW		91647.50	FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----
1. A0268	IN-CORE TEMP A10	T/C #2	559.29 DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	558.82 DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	559.73 DEG F
4. A0251	IN-CORETEMP M07	T/C #59	559.13 EG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP ARGIN	----- DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	----- DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	----- DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	----- DEG F
9. A1287	IN-COR TEMP D13	T/C #42	----- DEGF
10. A1161	IN-CORE TEMP C04	T/C #3	----- DEG F

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.66 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36 DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.38 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	559.42 DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44 DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	559.42 DEG F
9.	A0825	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2248.19 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	61.11 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR COOLANT PUMP B	ON
14.	D2805	REACTOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00 CPS
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	9.12 %
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.09 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89 PPM
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	105.07 %
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33 %
23.	A1306	VLIS - TRAIN A - LOWER RANGE LEVEL	67.00 %
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.81 DEG F

Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.86 %
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	63.86 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	63.86 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.86 %
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	990.20 PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	990.20 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	990.21 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	990.19 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79 MLB/HR
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.79 ML/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79 MLB/HR
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0530 MLB/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0530 MLB/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0530 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0530 MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00 %
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00 %
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.00 %
21.	A0736	MAIN STEAM HEADER PRESSURE	975.75 PSIG

Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----

1. D0970	NV PUMP A (HIGH HEAD SI)	OFF		
2. D0620	NV PUMP B (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIG HEAD SI) FLOW		0.00	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B INTERMEDIATE HEAD SI)	OFF		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW		87.37	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN H OUTLET FLOW		75.64	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STOAGE TANK LEVEL	NOT EMER LO		

Group: 20 ----- CONTAINMENT SYSTEMS -----

1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)		0.1610	PSIG
3. A1047	WIDE RANGE CONTAIN PRESS (-5 TO 60)			PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A		110.59	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A		89.98	DE F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN		0.00	%
9. D3572	NS UMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMENT SRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 REACTOR COOLANT MONITOR		51924.98	CPM
2. A0829	1EM551A IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE		2.00	CPM
5. A0067	1EMF39L CONTAINMENT GAS LO RANGE		28504.94	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE H RANGE		5.00	CPM
7. A0055	1EF38L CONTAINMENT PARTICULATE LO RANGE		27029.45	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE		4.00	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE		11.01	CPM
10. A0012	1EMF36L UNI VENT GAS LO RANGE		465.00	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE		19.95	CPM
12. A0013	EMF35L UNIT VENT PARTICULATE LO RANGE		310.00	CPM
13. A0049	1EMF37 UNIT VENT IODINE		385.00	CPM
14. A0079	1EMF40 CONTAINMENT IODINE		500.00	CPM
15. A1368	1EMF24 STEMLINE 1A RADIATION MONITOR		0.0110	mR/HR
16. A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR		0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR		0.110	MR/HR
18. A1386	1EMF27 STEAMLINE 1DRADIATION MONITOR		0.0110	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM

Group: 30 ----- ENVIRONMENTAL SYSTEMS -----

1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAG))			DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTION (15 MIUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)			DEG C
8. A0863	UNIT VENT STACK FLOW		91647.50	FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----
1. A0268	IN-CORE TEMP A10	T/C #2	559.29 DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	558.82 DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	559.73 DEG F
4. A0251	IN-CORETEMP M07	T/C #59	559.13 EG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP ARGIN	----- DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	----- DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	----- DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	----- DEG F
9. A1287	IN-COR TEMP D13	T/C #42	----- DEGF
10. A1161	IN-CORE TEMP C04	T/C #3	----- DEG F

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.66 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36 DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.38 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	559.42 DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44 DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	559.42 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2248.19 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	61.11 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR COOLANT PUMP B	ON
14.	D2805	REACTOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00 CPS
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	9.12 %
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.09 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89 PPM
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	105.07 %
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33 %
23.	A1306	VLIS - TRAIN A - LOWER RANGE LEVEL	64.00 %
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.81 DEG F

Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.86 %
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	63.86 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	63.86 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.86 %
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	990.20 PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	990.20 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	990.21 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	990.19 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79 ML/HR
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.79 ML/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79 ML/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79 ML/HR
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0530 ML/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0530 ML/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0530 ML/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0530 ML/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00 %
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00 %
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.00 %
21.	A0736	MAIN STEAM HEADER PRESSURE	975.75 PSIG

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1.	D0970	NV PUMP A (HIGH HEAD SI)	OFF
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HIG HEAD SI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHARGE HEADER FLOW	87.37 GPM
9.	A0856	(LOW HEAD SI / RHR) ND Hx RETURN FLOW	0.00 GPM
10.	A0764	LETDOWN H OUTLET FLOW	75.64 GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO
13.	D0401	REFUELING WATER STOAGE TANK LEVEL	NOT EMER LO

Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1610 PSIG
3.	A1047	WIDE RANGE CONTAIN PRESS (-5 TO 60)	PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.59 DEG F
5.	A1204	UPPER CONT AMBIENT AIR TEMP A	89.98 DE F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMENT SUP LEVEL TRAIN B	FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN	0.00 %
9.	D3572	NS UMP A (CONTAINMENT SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SRAY)	OFF

Group: 25		RADIATION SYSTEM	
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98 CPM
2.	A0829	1EM551A IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.94 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE H RANGE	5.00 CPM
7.	A0055	1EF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.00 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	11.01 CPM
10.	A0012	1EMF36L UNI VENT GAS LO RANGE	465.00 CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	19.95 CPM
12.	A0013	EMF35L UNIT VENT PARTICULATE LO RANGE	310.00 CPM
13.	A0049	1EMF37 UNIT VENT IODINE	385.00 CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.00 CPM
15.	A1368	1EMF24 STEMLINE 1A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR	0.0110 MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.110 MR/HR
18.	A1386	1EMF27 STEAMLINE 1DRADIATION MONITOR	0.0110 MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	CPM

Group: 30		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	MPH
2.	P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAG))	DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	DEG
5.	P0849	LOWER WIND DIRECTION (15 MIUTE AVERAGE)	DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN	IN
7.	P0851	AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)	DEG C
8.	A0863	UNIT VENT STACK FLOW	91647.50 FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----
1. A0268	IN-CORE TEMP A10	T/C #2	559.29 DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	558.82 DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	559.73 DEG F
4. A0251	IN-CORETEMP M07	T/C #59	559.13 EG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP ARGIN	----- DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	----- DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	----- DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	----- DEG F
9. A1287	IN-COR TEMP D13	T/C #42	----- DEGF
10. A1161	IN-CORE TEMP C04	T/C #3	----- DEG F

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36	DEG F	
2.	A0971	NCLLOOP B WIDE RANGE HOT LEG TEMP	616.66	DEG F	
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36	DEG F	
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36	DEG F	
5.	A1061	NC LOOP A WIE RANGE COLD LEG TEMP	559.38	DEG F	
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEM	559.42	DEG F	
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44	DEG F	
8.	A1079	NC LOOP D WIDE RANGE CLLD LEG TEMP	559.42	DEG F	
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2248.19	PSIG	
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	61.11	%	
12.	D2803	REACTOR COOLANT PUMP A		ON	
13.	D2804	RACTOR COOLANT PUMP B		ON	
14.	D2805	REACTOR COOLANT PUMP C		ON	
15.	D2806	REACTOR COOLANT PUMP D		ON	
16.	A1177	SOURCE RANG (FLUX) LEVEL CHANNEL 1	0.00	CPS	
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL2	0.00	CPS	
18.	A0628	PWVER RANGE AVG LEVEL QUADRANT 1 (N-43)	9.12	%	
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.09	%	
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89	PPM	
21.	A1312	RVLIS - TRIN A - DYNAMIC HEAD D/P	105.07	%	
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33	%	
23.	A1306	VLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%	
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.81	DEG F	

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.86	%	
2.	A1005	TTEAM GEN B WIDE RANGE LEVEL	63.86	%	
3.	A0970	STEAM GEN C WIDE RANE LEVEL	63.86	%	
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.86	%	
5.	A1107	STEAM GENA STEAM (LINE) PRESS I	990.20	PSIG	
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	990.20	PSIG	
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	990.21	PSIG	
8.	A1125	STEAM GEN D STEAM (INE) PRESS I	990.19	PSIG	
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR	
10.	P1414	TOTAL S/GB (MAIN) FEEDWATER FLOW 1	3.79	ML/HR	
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR	
12.	F1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR	
13.	P1208	AUX FEEDWATER FLOW O S/G A	0.0530	MLB/HR	
44.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0530	MLB/HR	
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0530	MLB/HR	
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0530	MLB/HR	
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00	%	
18.	A1065	STEAM GEN B NARROW ANGE LEVEL IV	66.00	%	
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00	%	
20.	A1077	STEAM GNN D NARROW RANGE LEVEL IV	66.00	%	
21.	A0736	MAIN STEAM HEADER PRESSURE	975.75	PSIG	

Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----

1. D0970	NV PUMP A (HIGH HEAD SI)	OFF		
2. D0620	NV PUMP B (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIGH HEAD SI) FLOW		0.00	CPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW		87.37	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN H OUTLET FLOW		75.64	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EMER LO		

Group: 20 ----- CONTAINMENT SYSTEMS -----

1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)		0.1610	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A		110.59	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A		89.98	DE F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN		0.00	%
9. D3572	NS UMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 REACTOR COOLANT MONITOR		51924.98	CPM
2. A0829	1EM551A IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON		8.99	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE		2.00	CPM
5. A0067	1EMF39L CONTAINMENT GAS LO RANGE		28504.94	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE H RANGE		5.00	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE		27029.45	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE		4.00	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE		11.01	CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE		465.00	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE		19.95	CPM
12. A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE		310.00	CPM
13. A0049	1EMF37 UNIT VENT IODINE		385.00	CPM
14. A0079	1EMF40 CONTAINMENT IODINE		500.00	CPM
15. A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR		0.0110	mR/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR		0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR		0.110	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR		0.0110	MR/HR
19. A0127	1EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM

Group: 30 ----- ENVIRONMENTAL SYSTEMS -----

1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)			DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERATURE (15 MINUTE AVERAGE)			DEG C
8. A0863	UNIT VENT STACK FLOW		91647.50	FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----	
1. A0268	IN-CORE TEMP A10	T/C #2	559.29	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	558.82	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	559.73	DEG F
4. A0251	IN-CORETEMP M07	T/C #59	559.13	EG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP ARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-COR TEMP D13	T/C #42	-----	DEGF
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

Group	System	Value	Unit
Group: 05	PRIMARY SYSTEM		
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.66	DEG F
3. A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.38	DEG F
6. A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	559.42	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44	DEG F
8. A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	559.42	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2248.19	PSIG
11. A1124	PZR LEVEL I (HOT CALIBRATED)	61.11	%
12. D2803	REACTOR COOLANT PUMP A		ON
13. D2804	REACTOR COOLANT PUMP B		ON
14. D2805	REACTOR COOLANT PUMP C		ON
15. D2806	REACTOR COOLANT PUMP D		ON
16. A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	9.12	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.09	%
20. A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89	PPM
21. A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	105.07	%
22. A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33	%
23. A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.81	DEG F
Group: 10	SECONDARY SYSTEM		
1. A1004	STEAM GEN A WIDE RANGE LEVEL	63.86	%
2. A1005	STEAM GEN B WIDE RANGE LEVEL	63.86	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	63.86	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	63.86	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	990.20	PSIG
6. A1113	STEAM GEN B STEAM (LINE) PRESS I	990.20	PSIG
7. A1119	STEAM GEN C STEAM (LINE) PRESS I	990.21	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I	990.19	PSIG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.79	ML/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
12. P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
13. P1208	AUX FEEDWATER FLOW TO S/G A	0.0530	MLB/HR
14. P1209	AUX FEEDWATER FLOW TO S/G B	0.0530	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO S/G C	0.0530	MLB/HR
16. P1211	AUX FEEDWATER FLOW TO S/G D	0.0530	MLB/HR
17. A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00	%
19. A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00	%
20. A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.00	%
21. A0736	MAIN STEAM HEADER PRESSURE	975.75	PSIG

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1.	D0970	NV PUMP A (HIGH HEAD SI)	OFF
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HIG HEAD SI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHARGE HEADER FLOW	87.37 GPM
9.	A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00 GPM
10.	A0764	LETDOWN H OUTLET FLOW	75.64 GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO
13.	D0401	REFUELING WATER STOAGE TANK LEVEL	NOT EMER LO

Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1610 PSIG
3.	A1047	WIDE RANGE CONTAIN PRESS (-5 TO 60)	PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.59 DEG F
5.	A1204	UPPER CONT AMBIENT AIR TEMP A	89.98 DE F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMENT SUP LEVEL TRAIN B	FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN	0.00 %
9.	D3572	NS UMP A (CONTAINMENT SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SRAY)	OFF

Group: 25		RADIATION SYSTEMS	
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98 CPM
2.	A0829	1EM551A IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.94 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE H RANGE	5.00 CPM
7.	A0055	1EF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.00 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	11.01 CPM
10.	A0012	1EMF36L UNI VENT GAS LO RANGE	465.00 CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	19.95 CPM
12.	A0013	EMF35L UNIT VENT PARTICULATE LO RANGE	310.00 CPM
13.	A0049	1EMF37 UNIT VENT IODINE	385.00 CFM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.00 CPM
15.	A1368	1EMF24 STEMLINE 1A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR	0.0110 MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.110 MR/HR
18.	A1386	1EMF27 STEAMLINE 1DRADIATION MONITOR	0.0110 MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	CPM

Group: 30		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	MPH
2.	P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAG))	DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	DEG
5.	P0849	LOWER WIND DIRECTION (15 MIUTE AVERAGE)	DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN	IN
7.	P0851	AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)	DEG C
8.	A0863	UNIT VENT STACK FLOW	91647.50 FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----	
1.	A0268	IN-CORE TEMP A10 T/C #2	59.29	DEG F
2.	A0166	IN-CORE TEMP J06 T/C #17	558.82	DEG F
3.	A0155	IN-CORE TEMP F01 T/C #43	559.73	DEG F
4.	A0251	IN-CORETEMP M07 T/C #59	559.13	EG F
5.	P0823	5 HIGHEST IN-CORE T/C TEMP ARGIN	-----	DEG F
6.	P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8.	A1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287	IN-COR TEMP D13 T/C #42	-----	DEGF
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.36	DEG F	
2.	A0771	NC LOOP B WIDE RANGE HOT LEG TEMP	616.36	DEG F	
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	616.36	DEG F	
4.	A1061	NC LOOP D WIDE RANGE HOT LEG TEMP	616.36	DEG F	
5.	A1061	NC OOP A WIDE RANGE COLD LEG TEMP	559.7	DEG F	
6.	A1067	NC LOOP B WIDE RANGE COL LEG TEMP	559.43	DEG F	
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.44	DEG F	
8.	A1079	NC LOOP D WIE RANGE COLD LEG TEMP	559.42	DEG F	
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRSS	2247.46	PSIG	
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	60.66	%	
12.	D2803	REACTOR COOLANT PUMP A		ON	
13.	D2804	REACTOR COOLANT PUMP B		NN	
14.	D2805	REACTOR COOLNT PUMP C		ON	
15.	D2806	REACTOR COOLANT PUMP D		ON	
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS	
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	CPS	
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	99.13	%	
19.	P1385	REACTOR THERMA POWER, BEST ESTIMATE	99.10	%	
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	622.89	PPM	
21.	A1312	RLIS - TRAIN A - DYNAMIC HEAD D/P	10507	%	
22.	A1300	RVLIS - TRAIN A - UPPE RANGE LEVEL	61.33	%	
23.	A3306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%	
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13.76	DEG F	

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.86	%	
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	63.86	%	
3.	A0970	STEAM GEN WIDE RANGE LEVEL	63.86	%	
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.86	%	
5.	A1107	TEAM GEN A STEAM (LINE) PRESS I	99.26	PSIG	
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	990.26	PSIG	
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	990.27	PSIG	
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	990.27	PSIG	
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW	3.79	MLB/HR	
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	.78	MLB/HR	
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR	
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR	
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0530	MLB/HR	
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0530	MLB/HR	
15.	P1210	AUX FEEDWATER FLOW TO S/G C	.0530	MLB/HR	
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0530	MLB/HR	
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00	%	
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00	%	
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00	%	
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.00	%	
21.	A0736	MAIN STEAM HEADER PRESSURE	975.80	PSIG	

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1.	D0970	NV PUMP A (HIGH HEAD SI)	OFF
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HGGH HEAD SI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHARGE HEADER FLOW	96.94 GPM
9.	A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	8.65 GPM
10.	A0764	LETDOW HX OUTLET FLOW	75.62 GPM
11.	D0400	REFUELING WATER STORAGE TAN LEVEL	NORMAL
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT L
13.	D0401	REFUELING WATER SORAGE TANK LEVEL	NOT EMER LO
Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RANGE CONTAIN. PRESS((-1 TO +1)	----- PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1615 PSIG
3.	A1047	WIDE RANGE CONTAI. PRESS (-5 TO 60)	----- PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.53 DEG F
5.	A1204	UPPER COTT AMBIENT AIR TEMP A	89.99 DEG F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMENT SUMP LEVEL TRAIN B	----- FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	00.00 %
9.	D3572	NS PUMP A (CONTAINMET SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	FFF
Group: 25		RADIATION SYSTEM	
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51224.98 CPM
2.	A0829	1EMF51A IN CONTAINMNT HI RANGE RAD MON	8.99 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	8.99 R/HR
4.	A0073	1EMF39H ONTAINMENT GAS HI RANGE	2.00 CM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANE	28504.93 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00 CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.00 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	11.01 CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANE	465.00 CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	19.95 CPM
12.	A0013	1EMF35L UNIT VENT ARTICULATE LO RANGE	310.00 CPM
13.	A0049	1EMF37 UNIT VENT IODINE	385.00 CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.00 PM
15.	A1368	1EMF24 STEAMLIN 1A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLIN 1B RADIATION MONITOR	0.010 MR/HR
17.	A1380	1EMF26 STEAMLIN C RADIATION MCNITOR	0.0110 MR/HR
18.	A1386	1EMF27 STEAMLIN 1D RADIATION MONITOR	0.0110 MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	----- PM
Group: 3		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	----- MPH
2.	P0848	LOWER WIND SPEED (15 MINUTE AVEAGE)	----- MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	----- DDEG C
4.	P0847	UPPER WIND DIRECTION (15MINUTE AVERAGE)	----- DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	----- DEG
6.	P0595	PRECIPITATION I LAST 15 MIN	----- IN
7.	P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVEAGE)	----- DEG C
8.	A0863	UNITVENT STACK FLOW	91647.50 FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group:35				
1. A0268	IN-COPE TEMP A10	T/C #2	559.30	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	558.82	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	559.74	DEG F
4. A0251	IN-CORE TEMP M07	T/C #5	559.14	DEG F
5. F0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. PC628	5 HIGHEST IN-CRE	T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-ORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.37	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.37	DEG F
3. A0977	NC LOO C WIDE RANGE HOT LEG TEMP	616.37	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LGG TEMP	616.37	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.37	DEG F
6. A1067	I'C LOOP B WIDE ANGE COLD LEG TEMP	559.45	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.45	DEG F
8. A1079	NC LOP D WIDE RANGE COLD LEG TEMP	559.43	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE ANGE PRESS	2246.34	PSIG
11. A1224	PZR LEVEL I (HOT CALIBRATED)	61.12	%
12. D2803	REACTOR COOLANT PMP A		ON
13. D2804	REACTOR COOLANT PUMP B		ON
14. D2805	REACTOR COOLANT PUMP C		ON
15. D2806	REACTOR COOLANT PUMP D		ON
16. A177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS
17. A1206	SOURCE RANGE FLUX) LEVEL CHANNEL 2	0.00	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRANT 1 N-43)	99.14	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.0	%
20. A0602	CVCS BORON METER (ISOLTED ON Ph. A)	622.89	PPM
21. A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	105.07	%
22. A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33	%
23. A1306	RVLIS - TRAIN A - LOWER RANGE LEEL	64.00	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	13558	DEG F

----- SECONDARY SYSTEM -----

Group: 10			
1. A1004	STEAM GEN AWIDE RANGE LEVEL	63.86	%
2. A1005	STEAM GEN B WIDE RANGE LEVEL	63.86	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	63.86	%
4. A0988	STEAM GEN D WIDE RANG LEVEL	63.86	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	990.35	PSIG
6. A1113	STEAM GEN B STEAM (LINE) PRESS I	990.36	PSIG
7. A1119	STEAM GEN C STEAM (LINE) PRESS I	990.37	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I	990.36	PSIG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.79	MLB/HR
11. P1416	TOTAL S/G C MMMAIN) FEEDWATER FLOW 1	3.79	MLBHR
12. P1418	TOTAL S/G D (MAIN) FEEDWATER FLW 1	3.79	MLB/HR
13. P1208	UUX FEEDWATER FLOW TO S/G A	00530	MLB/HR
14. P1209	AUX FEEDWATER FLOW T S/G B	0.0530	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO S/G C	0.0530	MLB/HR
16. P1211	AUX FEEDWATER FLOW TO S/G D	0.0530	MLB/HR
17. A1059	STEAM GEN A NARROW RANGE LEVEL IV	66.00	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00	%
19. A1071	STEAM GEN C NARROW ANGE LEVEL IV	66.00	%
20. A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.01	%
21. A0736	MAIN STEAMHEADER PRESSURE	975.91	PSIG

Date: 10/20/93

Time: 0530

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1. D0970	NV PUMP A (HIGH HEAD SI)	OFF	
2. D0620	NV PUM B (HIGH HEAD SI)	ON	
3. A0827	BORON INJECTION (HIGH HEAD I) FLOW		0.00 GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF	
8. A0758	CHARGING PUMP DISCHARGE HEDDER FLOW		102.09 GPM
9. A0866	(LOW HEAD SI / RHR) ND HX RETURN FLOW		8.65 GPM
10. A0764	LETDOWN HX OUTEET FLOW		75.51 GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL	
12. D0402	REFUELIGG WATER STORAGE TANK LEVEL	NOT LO	
13. D0401	REFUELING WATER STORAGE ANK LEVEL	NOT EMER LO	
Group: 20		CONAINMENT SYSTEMS	
1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	-----	PSIG
2. A0785	INTE.. RANGE CONTAIN. PRESS (-5 TO 20)	0.163	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)	-----	PSIG
4. A2228	LOWER CONT AMBIENT AIR TEMP A	110.74	DEG F
5. A1204	UPPER CONT AMIENT AIR TEMP A	90.00	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7. A0671	CONAAINMENT SUMP LEVEL TRAIN B	----	FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00	%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	FF	
10. D3573	NS PUMP B (COTAINMENT SPRAY)	OFF	
Group: 25		RADATION SYSTEMS	
1. A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98	CPM
2. A0829	1EMF5A IN CONTAINMENT HI RANGE RAD MON	8.99	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	8.99	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00	CPM
5. A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.85	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE HI RANEE	5.00	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45	CPM
8. A1009	1EMF36HH UNIT VENT GAS HIHI RANGE	4.00	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE	11.01	CPM
10. A0012	1EMF36L UNIT VNT GAS LO RANGE	465.00	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	19.95	CPM
12. A0013	1EMF35L UNITVENT PARTICULATE LO RANGE	310.00	CPM
13. A0049	1EMF37 UNIT VENT IODINE	385.00	CPM
14. A0079	1EMF40 CONTAINMENT IODINE	500.00	CPM
15. A1368	1EMF24 STEAMIINE 1A RADIATION MONITOR	0.0110	mR/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.011	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RAIATION MONITOR	0.0110	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	-----	CPM
Group: 30		ENVIRONMENTAL SYSTES	
1. P0846	UPER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	-----	DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	-----	DEG
5. P0849	LOWER WIND DIRECTION (15 MINUE AVERAGE)	-----	DEG
6. P0595	RECIPIATION IN LAST 15 MIN	----	IN
7. P0851	AMBIENT AIR TEMPERATUE(15 MINUTE AVERAGE)	-----	DEG C
8. A0863	UNIT VENT STACK FLOW	91647.50	FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPES	-----	
1.	A0268	IIN-CORE TEMP A10 T/C #2	59.29	DEG F
2.	A0166	IN-CORE TEMP J06 T/C #17	558.82	DEG F
3.	A0155	IN-CORE TEMP F01 T/C #43	559.73	DEG F
4.	A0251	IN-CORE TEMP M07 T/C #59	559.14	DG F
5.	P0823	5 HIGHEST IN-CORE T/C TEMP MAGIN	-----	DEG F
6.	P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05 T/C 554	-----	DEG F
8.	A1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287	IN-CORE TEMP D13 T/C 42	-----	DEG F
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.22	DEG F	
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.22	DEG F	
3.	A0977	NNC LOOP C WIDE RANGE HOT LEG TEMP	616.22	DEG F	
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.22	DEG F	
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.31	DEG F	
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	559.44	DEG F	
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.46	DEG F	
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	559.44	DEG F	
9.	A0826	NC SYSTEM (HOT LEG WIDE RANGE PRESS	2253.43	PSIG	
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	60.98	%	
12.	D2803	REACTOR COLANT PUMP A			ON
13.	D2804	REACTOR COOLANT PUMP B			ON
14.	D2805	REACTOR COOLANT PUMP C			ON
15.	D2806	REACTOR COOLANT PUMP D			ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS	
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	PS	
18.	A0628	POWER RANGE AVG LEVEL QUADRNT 1 (N-43)	98.86	%	
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	99.05	%	
20.	A0602	CVCS BORON METER ISOLATED ON Ph. A)	623.35	PPM	
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	105.06	%	
22.	A1300	RVLIS -TRAIN A - UPPER RANGE LEVEL	61.33	%	
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%	
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	14.34	DEG F	

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAMGEN A WIDE RANGE LEVEL	63.85	%	
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	63.85	%	
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	63.85	%	
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.86	%	
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	991.45	PSIG	
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	991.8	PSIG	
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	991.02	PSIG	
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	990.99	PSIG	
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.78	MLB/HR	
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW	3.78	MLB/HR	
11.	P1416	TOTL S/G C (MAIN) FEEDWATER FLOW 1	3.7	MLB/HR	
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.78	MLB/HR	
13.	P2208	AUX FEEDWATER FLOW TO S/G A	0.0530	MLB/HR	
14.	P1209	AUX FEEDWATERFLOW TO S/G B	0.0530	MLB/HR	
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0530	MLB/HR	
16.	P1211	AUXFEEDWATER FLOW TO S/G D	0.0530	MLB/HR	
17.	A1059	STEAM GEN A NARROW RANG LEVEL IV	66.00	%	
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.00	%	
19.	A1071	STEAM GEN C ARROW RANGE LEVEL IV	66.00	%	
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	66.01	%	
21.	A0736	MAN STEAM HEADER PRESSURE	977.2	PSIG	

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1.	D0970	NV PUMP A (IGH HEAD SI)	OFF
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON
3.	A0827	ORON INJECTION (HIGH HEAD SI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HED SI / RHR)	OFF
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	HARGING PUMP DISCHARGE HEADER FLOW	123.0 GPM
9.	A0856	(LOW HEAD SI / RHR) ND H RETURN FLOW	9.88 GPM
10.	A0764	LETDOWN HX OUTLET FLOW	75.74 GPM
11.	D0400	REFUELING ATER STORAGE TANK LEVEL	NORMAL
12.	D0402	REFUELING WATER STORAGE TANK LEEL	NOT LO
13.	D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EME LO
Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RAGE CONTAIN. PRESS (-1 TO +1)	PSGG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO20)	0.1654 PSIG
3.	A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)	PSIG
4.	A1228	LOWER CONT AMBIENT AR TEMP A	110.75 DDEG F
5.	A1204	UPPER CONT AMBIENT AIR TEMPAA	90.04 DEG F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMENT SUMP LEVEL TRAIN B	FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00 %
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF
Group: 25		RADITION SYSTEMS	
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98 CPM
2.	A0829	1EMF5A IN CONTAINMENT HI RANGE RAD MON	8.97 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI AANGE RAD MON	8.97 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.76 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00 CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.00 R/HR
9.	A0118	1EMF36H UNIT VENT GAS HI RANGE	11.01 CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANGE	465.00 CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RAGE	19.95 CPM
12.	A0013	1EMF5L UNIT VENT PARTICULATE LO RANGE	310.00 CPM
13.	A0049	1EMF37 UNIT VFNT IODINE	385.00 CPM
14.	A0779	1EMF40 CONTAINMENT IODINE	500.00 CPM
15.	A1368	1EMF24 STEAMLINE A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110 MR/HR
17.	A1380	1EMF2 STEAMLINE 1C RADIATION MONITOR	0.0110 MR/HR
18.	A1386	1EMF27 STEAMLINE 1D RADITION MONITOR	0.0110 MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	CPM
Group: 30		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPR WIND SPEED (15 MINUTE AVERAGE)	MPH
2.	P0848	LOWER WIND SPEED (5 MINUTE AVERAGE)	MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	DEG C
4.	P0847	UPPER WIND DIEECTION (15 MINUTE AVERAGE)	DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE VE, AGE)	DEG
6.	P0595	PRCIPITATION IN LAST 15 MIN	IN
7.	P0851	AMBIENT AIR TEMPERATURE(1 MINUTE AVERAGE)	DEG C
8.	00863	UNIT VENT STACK FLOW	91647.50 FT3/MN

----- IN-CORE THERMOCOUPLE -----

Group: 35				
1. A0268	INCORE TEMP A10	T/C #2	559.6	DEG F
2. A0166	IN-CORE TEMP J06	T/C #7	558.79	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	559.71	DEG F
4. A0251	IN-CORE TEMPMM07	T/C #59	559.11	DEG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. P0828	5 IGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C 54	-----	DEG F
8. A3341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMPDD13	T/C #42	-----	DEG
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

Date: 7/26/93

Time: 0600

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	616.15 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	616.15 DE F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TMP	616.15 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	616.15 DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.66 DEG F
6.	A1067	NC LOOP F WIDE RANGE COLD LEG TEMP	559.77 DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.78 DE F
8.	A1079	NC LOOP D WIDE RANGE COLD LEGTEMP	559.77 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	250.74 PSIG
11.	A1124	PZR LEVEL I (HOT CAIBRATED)	60.83 %
22.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR OOLANT PUMP B	ON
14.	D2805	REACTOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANGE (FLUX LEVEL CHANNEL 1	0.00 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00 CPS
18.	A0628	POWER RAGE AVG LEVEL QUADRANT 1 (N-43)	98.16 %
19.	P1385	REACTOR THERMAL POWER, BEST ETTIMATE	98.11 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	623.95 PPM
21.	A1312	RVLIS - TRAIN A - YYNAMIC HEAD D/P	105.00 %
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.33 %
23.	A1306	RVLIS - TRAINA - LOWER RANGE LEVEL	64.00
24.	P1481	LOWEST NC SYSTEM SUBCOOLING ARGIN	14.35 DEG F

Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.83 %
2.	A1005	STEAM GN B WIDE RANGE LEVEL	63.83
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	63.82 %
4.	A0988	SSTEAM GEN D WIDE RANGE LEVEL	63.83 %
5.	A1107	STEAM GEN A STEAM(LINE) PRESS I	994.82 PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	994.83 PSIG
7.	A1119	STEAM EN C STEAM (LINE) PRESS I	994.85 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRSS I	994.84 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.75 MLB/HR
10.	P1414	TOTAL S/G B (MAI) FEEDWATER FLOW 1	3.74 MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.74 MLB/HR
12.	P1418	TOTAL /G D (MAIN) FEEDWATER FLOW 1	3.75 MMLB/HR
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0529 MLB/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0529 MLB/HR
15.	P1210	AUX FEEDWATER FLW TO S/G C	0.0529 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0529 MLB/HR
17.	A1059	STEAMGEN A NARROW RANGE LEVEL IV	66.00 %
18.	A1065	STEAM GEN B NARROW RANGE LVVEL IV	66.00 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	66.00 %
20.	A1077	STEAM GEN D NAROOV RANGE LEVEL IV	66.00 %
21.	A0736	MAIN STEAM HEADER PRESSURE	980.74 PSIG

----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15			
1. D0970	NV PUMP A (HIGH HEAD SI)	OFF	
2. D0620	NV PUMP B (HIGH EAD SI)	ON	
3. A0827	BORON INJECTION (HIGH HEAD SI) FLOW		0.00 GPM
4. D3574	NI PUP A (INTERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIATE HED SI)	OFF	
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B (LOW EAD SI / RHR)	OFF	
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW		122.32 GPM
9. A0856	(LOWHEAD SI / RHR) ND HX RETURN FLOW		0.00 GPM
10. A0764	LETDOWN HX OUTLET FLOW		75.69 GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NOMAL	
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO	
13. D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EMER LO	

----- CONTAINMEN SYSTEMS -----

Group: 20			
1. 00590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)		PSIG
2. A0785	INTER. RANGE OONTAIN. PRESS (-5 TO 20)	0.1668	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 T 60)		PSIG
4. A1228	LOWER COT AMBIENT AIR TEMP A	110.8	DEG F
5. A1204	UPPER CONT AMBIENT AIR EMP A	90.07	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7. A0671	CONTAINMENT UUMP LEVEL TRAIN B		FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00	%
9. D3572	NS PUMPAA (CONTAINMENT SPRAY)	OFF	
10. D3573	NS PUMP B (CONTAINMENT SPRA)	OFF	

----- RADIATION SYSTEMS -----

Group: 25			
1. A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98	CPM
2. A0829	1EMF51 IN CONTAINMENT HI RANGE RAD MON	8.90	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RNNGE RAD MON	8.90	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00	CPM
5. A0067	1EMF39L CONTAINMNT GAS LO RANGE	28504.71	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE HI RAGE	5.00	CPM
7. A0055	1EMF38 CONTAINMENT PARTICULATE LO RANGE	27029.45	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI I RANGE	4.00	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE	11.01	CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE	465.00	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	19.95	CPM
12. A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	310.00	CPM
13. A0049	1EMF37 UNIT VENT IODINE	385.00	CPM
14. A0079	1EMF40 CONTAINMENT IODINE	500.00	CPM
15. A1368	1EMF24 STEAMLIN11A RADIATION MONITOR	0.0110	mR/Hr
16. A1374	1EMF25 STEAMLIN 1B RADIATION MONITOR	0.0110	MR/HR
17. A1380	1EMF6 STEAMLIN 1C RADIATION MONITOR	0.0110	MR/HR
18. A1386	1EMF27 STEAMLIN 1D RADIATION MONITOR	0.0110	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE		CPM

----- ENVIRONMENTAL SYSTEMS -----

Group: 30			
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)		MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)		MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)		DEG C
4. P0847	UPPER WIND DIRCTION (15 MINUTE AVERAGE)		DEG
5. P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)		DEG
6. P0595	PRECIPITATION IN LAST 55 MIN		IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAGE)		DEG C
8. A0863	UNIT VENT STACKFLOW	91647.50	FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35			
1. A0268	IN-CORE TEMP A10 T/C#2	559.65	DEG F
2. A0166	N-CORE TEMP J06 T/C #17	559.18	DEG F
3. A0155	IN-CORE TEMPF01 T/C #43	560.09	DEGF
4. A0251	IN-CORE TEMP M07 T/C #59	559.49	DEG F
5. P0823	HIGHEST IN-CORE T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8. A1341	IN-CORE TEPP M11 T/C #60	-----	DEGFF
9. A1287	IN-CORE TEMP D13 T/C #42	-----	DEG F
10. A1161	I-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05 ----- PRIMARY SYSTEM -----

1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	615.42	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG EMP	615.42	DEG F
3. A0977	C LOOP C WIDE RANGE HOT LEG TEMP	65.42	DEG F
4. A0983	NC LOOP D WIDE RANE HOT LEG TEMP	615.42	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	558.76	DEG F
6. A1067	NC LOOP WIDE RANGE COLD LEG TEMP	559.33	DGG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG EMP	559.28	DEG F
8. A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	559.29	DEG F
9. A0826	NC SYSTEM (HOT LEG WIDE RANGE PRESS	2185.02	PSIG
11. A1124	PZR LEVEL I (HOT CALIBRATED)	37.51	%
12. D2803	REACTORCCOOLANT PUMP A	ON	
13. D2804	REACTOR COOLANT PUMP B	ON	
14. D2805	REACTOR COOLANT PUMP C	ON	
15. D2806	REACTOR COOLANT PMP D	ON	
16. A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS
17. A1206	SOURCE RAGE (FLUX) LEVEL CHANNEL 2	0.00	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRAN 1 (N-43)	97.56	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE	97.72	%
20. A0602	CVCS BORON METER (ISOLATED ON Ph. A)	624.63	PPM
21. A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	104.93	%
22. A1300	RVLIS- TRAIN A - UPPER RANGE LEVEL	61.34	%
23. A1306	RVLIS - TRAIN A - LOWER RANGE ELEVEL	64.00	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	10.66	DEG F

Group: 10 ----- SECONDARY SYSTEM -----

1. A1004	STEAMGGEN A WIDE RANGE LEVEL	63.86	%
2. A1005	STEAM GEN B WIDE RANGE LEVEL	63.85	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	63.85	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	63.86	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	991.18	PSIG
6. A1113	STEA GEN B STEAM (LINE) PRESS I	990.86	PSIG
7. A1119	STEAM GEN C STEAM (LINE) PRESS I	991.91	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I	991.92	PSIG
9. P1412	TOTAL S/G A (MIN) FEEDWATER FLOW 1	3.73	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.73	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.7	MLB/HR
12. P1418	TOTAL S/G D (MAIN) FEEDWTER FLOW 1	3.73	MLB/HR
13. P1208	AUX FEEDWATER FLOW TO S/G A	0.0530	MLB/HR
14. P1209	AUX FEEDWATERFLOW TO S/G B	0.0530	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO S/G C	0.0530	MLB/HR
16. P1211	AU FEEDWATER FLOW TO S/G D	0.0500	MLB/HR
17. A1059	STEAM GEN A NARROW RANG LEVEL IV	66.07	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	66.03	%
19. A1071	STEAM GEN CNARROW RANGE LEVEL IV	66.03	%
20. A1077	STEAM GEN D NARROW RANGE LEVEL I	66.06	%
21. A0736	MIN STEAM HEADER PRESSURE	976.89	PSIG

----- AUXILIARY/INJECTION SYSTEMS -----

1.	D0970	NV PUMP A (HGH HEAD SI)	OFF		
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON		
3.	A0827	BORON INJECTION (HIGHHEAD SI) FLOW		0.00	GPM
4.	D3574	NI PUMP A (INTERMEDIAT HEAD SI)	OFF		
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OOFF		
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8.	A0758	CHRGING PUMP DISCHARGE HEADER FLOW		14.59	GPM
9.	A0856	(LOW HEAD SI / RHR) N HX RETURN FLOW		0.00	GPM
10.	A0764	LETDOWN HX OUTLET FLOW		0.00	GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12.	D0402	REFUELING WATER STORAGE TANK LEEL	NOT LO		
13.	D0401	EEFUELING WATER STORAGE TANK LEVEL	NOT EMERLO		

----- CONTAINMENT SYSTEMS -----

1.	A0590	NARROW RNNGE CONTAIN. PRESS (-1 TO +1)			PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)		01668	PSIG
3.	A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A		110.70	DEG F
5.	A1204	UPPER CONTAMBIENT AIR TEMP A		90.07	DEG
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7.	A0671	CONTANMENT SUMP LEVEL TRAIN B			FT
8.	A0848	CONTAINMENT H2 CONCETTRATION TRAIN A		0.00	%
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF		

----- RADIATION SYSTEMS -----

1.	A0115	1EMF48 REACTOR COOANT MONITOR		51924.98	CPM
2.	A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON		8.86	R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON		8.86	R/R
4.	A0073	1EMF39H CONTAINMENT GAS HI RAGGE		2.00	CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE		2504.70	CPM
6.	A0061	1EMF38H CONTAINMEN PARTICULATE HI RANGE		5.00	CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE		27029.45	CPM
8.	A1009	1EMF36HHUUNIT VENT GAS HI HI RANGE		4.08	RHR
9.	A0018	1EMF36H UNIT VENT GAS HI RANE		31.62	CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANGE		158.49	CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI PANGE		20.40	CPM
12.	A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE		417.12	CPM
13.	A0049	1EMF37 NIT VENT IODINE		396.16	CPM
14.	A0079	1EMF40 CONTAINMENT IODINE		500.00	CPM
15.	A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR		0.0110	mR/Hr
16.	A1374	1EMF25 STEAMLINE B RADIATION MONITOR		0.0110	MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR		0.0110	MR/HR
18.	A1386	1EMF27STEAMLINE 1D RADIATION MONITOR		0.0110	MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARE HI RANGE			CPM

----- ENVIRONMENTAL SYSTEMS -----

1.	P0846	UPPER WIND SPEED (15 MINUTE AVEAAGE)			MPH
2.	P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3.	P0850	LOWER TO UPPER DELTA-T (15MINUTE AVERAGE)			DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5.	P0849	LOWER WIND DIRECION (15 MINUTE AVERAGE)			DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN			IN
7.	P0851	AMBIENTAIR TEMPERATURE(15 MINUTE AVERAGE)			DEG C
8.	A0863	UNIT VENT STACK FLOW		91647.50	FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35					
1. A0268	IN-CORE TEMP A10	T/C #2	559.10	DEG F	
2. A0166	IN-CORE TEMP J06	T/C #17	558.62	DEG F	
3. A0155	IN-CORE TEMP F01	T/C #43	559.53	DEG F	
4. A0551	IN-CORE TEMP M07	T/C #59	55.93	DEG F	
5. P0823	5 HIGHEST IN-COE	T/C TEMP MARGIN	-----	DEG F	
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F	
7. A1323	IN-CRE TEMP K05	T/C #54	-----	DEG F	
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F	
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F	
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F	

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	612.79	DEG F	
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	612.79	DEG F	
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	612.79	DEG F	
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	612.79	DEG F	
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	559.46	DEG F	
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEP	559.94	DEG F	
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	559.93	DEG F	
8.	A1079	NC LOOP D WIDE RANGE CLD LEG TEMP	559.93	DEG F	
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2264.50	PSIG	
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	48.47	%	
12.	D2803	REACTOR COOLANT PUMP A			ON
13.	D2804	REACTOR COOLANT PUMP B			ON
14.	D2805	REACTOR COOLANT PUMP C			ON
13.	D2806	REACTOR COOLANT PUMP D			ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS	
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	CPS	
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	9126	%	
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	92.15	%	
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	637.46	PPM	
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	104.72	%	
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.40	%	
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	4.00	%	
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	19.59	DEG F	

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.23	%	
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	63.21	%	
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	63.21	%	
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	63.23	%	
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	1008.30	PSIG	
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	1008.11	PSIG	
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	1008.11	PSIG	
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	1008.11	PSIG	
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.49	MLB/HR	
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.49	MLB/HR	
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.49	MLB/HR	
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.48	MLB/HR	
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0525	MLB/HR	
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0525	MLB/HR	
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0526	MLB/HR	
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0525	MLB/HR	
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	64.29	%	
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	64.14	%	
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	64.14	%	
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	64.21	%	
21.	A0736	MAIN STEAM HEADER PRESSURE	996.40	PSIG	

Date: 10/20/93

Time: 0630

Group	System	Value	Unit
Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----			
1.	D0970 NV PUMP A (HIGH HEAD SI)	OFF	
2.	D0620 NV PUMP B (HIGH HEAD SI)	ON	
3.	A0827 BORON INJECTION (HIGH HEAD S) FLOW	0.00	GPM
4.	D3574 NI PUMP A (INTERMEDIATE HEAD SI)	OFF	
5.	D3576 NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6.	D1042 ND PUMP A (LOW HEAD SI / RHR)	OFF	
7.	D0968 ND PUM B (LOW HEAD SI / RHR)	OFF	
8.	A0758 CHARGING PUMP DISCHARGE HEDER FLOW	131.78	GPM
9.	AC856 (LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00	GPM
10.	A0764 LETDOWN HX OUTLET LOW	0.00	GPM
11.	D0400 REFUELING WATER STORAGE TANK LEVEL	NORMAL	
12.	D0402 REFUEING WATER STORAGE TANK LEVEL	NOT LO	
13.	D0401 REFUELING WATER STORAGE TAK LEVEL	NOT EMER LO	
Group: 20 ----- CONTAINMENT SYSTEMS -----			
1.	A0590 NARROW RANGE CONTAIN. PRESS (-1 TO +1)	-----	PSIG
2.	A0785 INTER RANGE CONTAIN. PRESS (-5 TO 20)	0.1672	PSIG
3.	A1047 WIDE RANGE CONTAIN. PRES (-5 TO 60)	-----	PSIG
4.	A1228 LOWER CONT AMBIENT AIR TEMP A	110.73	DEG F
5.	A1204 UPPER CONT AMBINT AIR TEMP A	90.03	DEG F
6.	A1041 CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7.	A0671 CONTAINMENT SUMP LEVEL TRAIN B	-----	FT
8.	A0848 CONTAINMENT H2 CONCENTRATIN TRAIN A	0.00	%
9.	D3572 NS PUMP A (CONTINMENT SPRAY)	OFF	
10.	D3573 NS PUMP B (CONTAINMENT SPRAY)	OFF	
Group: 25 ----- RADIATION SYTEMS -----			
1.	A0115 1EMF48 REACTOR COOLANT MONITOR	51924.98	CPM
2.	A0829 1EMF51A IN CONTAINMENT HI RANGE RAD MON	8.28	R/HR
3.	A0835 1EMF51B IN CONTAINMENT HI RANGE RADMON	8.28	R/HR
4.	A0073 1EMF39H ONTAINMENT GAS HI RANGE	2.00	CPM
5.	A0067 1EMF39L CONTAINMENT GAS LORANGE	28504.64	CPM
6.	A0061 1EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00	CPM
7.	A0055 1EMF38L CONTAIMENT PARTICULATE LO RANGE	27029.45	CPM
8.	A1009 1EMF36HH UNIT VENT GAS HI HI RANGE	4.01	R/HR
9.	A0018 1EMF66H UNIT VENT GAS HI RANGE	31.62	CPM
10.	A0012 1EMF36L UNIT VENT GAS LO RANE	158.49	CPM
11.	A0119 1EMF35H UNIT VENT PARTICULATE HI RANGE	20.03	CPM
12.	A0013 1EMF35L UNIT VENTPARTICULATE LO RANGE	329.48	CPM
13.	A0049 1EMF37 UNIT VENT IODINE	387.03	CPM
14.	A0079 1EMF40 CONTAINMENT IODINE	500.01	CPM
15.	A1368 1EMF24 STEAMLINE 1A RAIATION MONITOR	0.0110	mR/Hr
16.	A1374 1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110	MR/HR
17.	A1380 1EMF26 STEAMLIEE 1C RADIATION MONITOR	0.0110	MR/HR
18.	A1386 1EMF27 STEAMLINE 1D RADIATION MONTTOR	0.0110	MR/HR
19.	A0127 EMP49H WASTE LIQUID DISCHARGE HI RANGE	---	CPM
Group: 30 ----- ENVIRONMENTAL SYSTEMS -----			
1.	P0846 UPPER WIND SEED (15 MINUTE AVERAGE)	-----	MPH
2.	P0848 LOWER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
3.	P0850 LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	-----	DEG C
4.	P0847 UPPER WIND DIRECTION (15 MINUTE AVERAGE)	-----	DEG
5.	P0449 LOWER WIND DIRECTION (15 MINUTE AVERAGE)	-----	DEG
6.	P0595 PRECIPITATION IN LAST 15 MIN	-----	IN
7.	P0851 AMBIENT AIR TEMPERATURE(15 MINUT AVERAGE)	-----	DEG C
8.	A0863 UNT VENT STACK FLOW	91647.50	FT3/MN

Date: 7/20/93

Time: 06:35

----- IN-CORE THERMOCOUPLES -----

Goup: 35				
1. A0268	IN-CORE TMP A10	T/C #2	559.69	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	559.22	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	560.13	DEG F
4. A0251	IN-CORE TEMP M07	TCC #59	559.53	DEG F
5. P0823	5 HIGHE	IN-CORE T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST	IN-CORE T/C TEM	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

Date: 12/20/93

Time: 0645

Group: 05		----- PRIMARY SYSTEM -----	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	605.92 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	60.92 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	605.92 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	605.91 DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	558.39 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	558.62 DEG F
7.	A1073	N LOOP C WIDE RANGE COLD LEG TEMP	58.62 DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	558.62 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2220.93 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	55.12 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR COOLANT PUMP B	ON
14.	D2805	REACTOR COOLANT PUP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RNGE (FLUX) LEVEL CHANNEL 1	0.00 CSs
17.	A1206	SOURCE R'NGE (FLUX) LEVEL CHANEL 2	0.00 CPS
18.	A0628	POWR RANGE AVG LEVEL QUADRANT 1 (N-43)	80.65 %
19.	P1385	REACTOR THERMAL POER, BEST ESTIMATE	81.78 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	633.40 PPM
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	104.49 %
22.	A1300	RVLIS - TRAIN A - UPPER RANG LEVEL	61.53 %
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	4.00 %
24.	P1481	LOWEST NC SYSTEM SB COOLING MARGIN	24.79 DEG F

Group: 10		----- SECONDARY SYSTEM -----	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	62.27 %
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	62.25 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	62.25 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	62.27 %
5.	A1107	STEAM GEN STEAM (LINE) PRESS I	1012.73 SIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	1012.27 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	1013.88 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	1013.88 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.04 MLB/HR
10.	P1414	TOTAL S/GB (MAIN) FEEDWATER FLOW 1	3.04 LLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER LOW 1	3.05 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.06 MLB/HR
13.	P1208	AUX FEEDWATER FLO TO S/G A	0.0509 MLB/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0510 MLB/HR
15.	P1210	AUX FEEDATER FLOW TO S/G C	0.0509 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0509 MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	61.20 %
18.	A1065	STEAM GEN B NARRO RANGE LEVEL IV	61.11 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	61.10 %
20.	A1077	STEAM EN D NARROW RANGE LEVEL IV	61.19 %
21.	A0736	MAIN STEAM HEADER PRESSURE	1003.32 PSIG

----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15				
1. D0970	NV PUMP A (HIGH HEAD SI)	OFF		
2. D0620	NV PUMPBB (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIGH HEAD I) FLOW		0.00	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8. A0758	CHARGING PUMP DISCHARGE HADER FLOW		128.09	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN HX OUTLT FLOW		44.39	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TNK LEVEL	NOT EMER LO		

----- CONTAINMENT SYSTEMS -----

Group: 20				
1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO 1)			PSIG
2. A0785	INTE. RANGE CONTAIN. PRESS (-5 TO 20)	0.1677		PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A	11055		DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A	90.05		DEG F
6. A1041	CONTAINMENT UMP LEVEL TRAIN A	0.00		FT
7. A0671	CONTAINMENT SUMP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	000		%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMENT SPRAY)	OOFF		

----- RADIATION SYSTEMS -----

Group: 25				
1. A0115	1EMF48 REACTOR COOLANT MONITOR	51924998		CPM
2. A0829	1EMF51A IN CONTAINMET HI RANGE RAD MON	7.34		R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	7.34		R/HR
4. A0073	1EMF39H CONAINMENT GAS HI RANGE	2.00		CP
5. A0067	1EMF39L CONTAINMENT GAS LO RANE	28504.62		CPM
6. A0061	11EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00		CPM
7. A0055	1EMF38L CONTAINMENT ARTICULATE LO RANGE	27029.45		CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.01		R/HR
9. A0018	1EMF36H UIIT VENT GAS HI RANGE	31.62		CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE	158.49		CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	20.03		CPM
12. A0013	1EMF35L UNIT VENT PR TICULATE LO RANGE	329.27		CPM
13. A0049	1EMF37 UNIT VENT IODINE	387.01		CPM
14. A0079	1EMF40 CNTAINMENT IODINE	500.03		CPM
15. A1368	1EMF24 STEAMLINE 1A RADIATIONMONITOR	0.0110		mR/HR
16. A1374	EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110		MR/HR
17. A1380	1EMF26 STEAMLINE 1CRADIATION MONITOR	0.0110		MR/HR
18. A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR	0.0110		MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM

----- ENVIRONMENTAL SYSTEMS -----

Group: 30				
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAE)			MPH
3. P0850	LOWER TOUPPER DELTA-T (15 MINUTE AVERAGE)			DG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAS 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAE)			DEG C
8. A0863	UNIT VENT STACK FLOW	91647.50		FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----	
1.	A0268	IN-CORE TEMP A10 T/C #2	558.53	DEG F
2.	A0166	IN-CORE TEMP J06 T/C #17	558.06	DEG F
3.	A0155	IN-CORETEMP P01 T/C #43	558.96	DE F
4.	A0251	IN-CORE TEMP M07 T/C #59	558.35	DEG F
5.	P0823	5 HIGHEST IN-CORE T/C TEMP MARGIN	-----	DEG F
6.	P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8.	A1341	IN-COR TEMP M11 T/C #60	-----	EEG F
9.	A1287	IN-CORE TEMP D13 T/C #42	-----	DEG F
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

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0700

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	503.97 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	603.97 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	603.97 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	603.97 DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	556.44 DEG F
6.	A1067	NC LOOP B WIDE RANG COLD LEG TEMP	556.66 DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	556.65 DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	556.64 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2247.59 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	52.57 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR COOLANT PUMP B	ON
14.	D2805	REACOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00 CPS
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	80.48 %
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	81.13 %
20.	A0602	CVCS BORON METER (ISOLATD ON Ph. A)	633.07 PPM
21.	A1112	RVLIS - TRAIN A - DYNAMIC HEAD D/P	104.67 %
22.	A1300	RVLIS - TRAIN - UPPER RANGE LEVEL	61.56 %
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00 %
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	28.60 DEG F

Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	62.38 %
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	62.36 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	62.3 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	62.38 %
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	995.70 PSIG
6.	A1113	STEAM GEN B SEAM (LINE) PRESS I	995.92 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	995.92 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	995.91 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.01 MLB/HR
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.02 MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.02 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.02 1LB/HR
13.	P1208	AUX FEEDWATR FLOW TO S/G A	0.0500 MLB/R
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0501 MLB/HR
15.	P1210	AXX FEEDWATER FLOW TO S/G C	0.500 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO //G D	0.0500 MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	61.14 %
18.	A1065	STEAM GEN BNNARROW RANGE LEVEL IV	61.06 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	61.06 %
20.	A1077	TEAM GEN D NARROW RANGE LEVEL IV	6..15 %
21.	A0736	MAIN STEAM HEADER PRESURE	986.46 PSIG

Group: 15		----- AUXILIARY/INJECTION SYSTEMS -----	
1.	D0970	NV PUMP A (HIGH HEAD SI)	ON
2.	D0620	NV PUM B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HIGH HEAD SI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	NND PUMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHRG HEADR FLOW	108.89 GPM
9.	A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00 GPM
10.	A0764	LETDOWN H OUTLET FLOW	35.97 GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO
13.	D0401	REFUELING WATER STORGE TANK LEVEL	NOT EMER LO
Group: 20		----- CONTAINMENT SYSTEMS -----	
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	----- PSIG
2.	A0785	INTER.RRANGE CONTAIN. PRESS (-5 TO 20)	0.1659 PSIG
3.	A1047	WIDE RANGE CONTAIN. PRESS (5 TO 60)	----- PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.35 DEG F
5.	A1204	UPPER CONT AMBIENT AR TEMP A	89.99 DEG F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMNT SUMP LEVEL TRAIN B	----- FT
8.	A0848	CONTAINMENT H2 CONCENTRATIONTTRAIN A	0.00 %
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF
Group: 25		----- RADIATION SYSTEMS -----	
1.	A0115	1EMF48 REACTOR COOLANT MONIOR	51924.98 CPM
2.	A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON	7.33 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	7.33 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF9L CONTAINMENT GAS LO RANGE	28504.65 CPM
6.	A0061	1EMF38H CONTAINMENT PARTIULATE HI RANGE	5.00 CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.01 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	31.62 CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANGE	158.9 CPM
11.	A0019	1EMF35H UNIT VENT PARTIULATE HI RANGE	20.03 CPM
12.	A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	329.34 CPM
13.	A0049	1EMF37 UNIT ENT IODINE	387.02 CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.03 CPM
15.	A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR	0.010 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RDIATION MONITOR	0.0110 MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.0110 MR/HR
18.	A1386	1EMF27 STEALINE 1D RADIATION MONITOR	0.0110 MR/H
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HIRANGE	----- CPM
Group: 30		----- ENVIRONMENTAL SYSTEMS -----	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	----- MPH
2.	P0848	LOWER WIND PPEED (15 MINUTE AVERAGE)	----- MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	----- DEG C
4.	P0847	PPER WIND DIRECTION (15 MINUTE AVERAGE)	----- DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	----- DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN	----- IN
7.	P0851	AMBIENT AIRTEMPERATURE(15 MINUTE AVERAGE)	----- DEG C
8.	A0863	UNIT VENT STACK FLOW	91647.50 FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35			
1. A0268	IN-CORE TEMP A10	T/C #2	556.53 DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	556.05 DG F
3. A0155	IN-CORE TEMP F01	T/C #43	556.96 DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	556.35 DEG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	----- DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	----- DEG F
7. A1323	IN-CORE EMP K05	T/C #54	----- DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	----- DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	----- DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	----- DEG

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP		597.61	DEG F
2.	A0971	NC LOOP B WIDE RNGE HOT LEG TEMP		597.61	DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP		597.61	DEG F
4.	A0983	NC LOP D WIDE RANGE HOT LEG TEMP		597.56	DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP		558.22	DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP		558.35	DEG F
7.	A1073	NC LOOP C WIDE RNNGE COLD LEG TEMP		558.34	DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP		558.34	DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS		2240.89	PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED		49.53	%
12.	D2803	REACTOR COOLANT PUMP A	ON		
13.	D2804	REACTOR COOLANTPUMP B	ON		
14.	D2805	REACTOR COOLANT PUMP C	ON		
15.	D2806	REACOR COOLANT PUMP D	ON		
16.	A1177	SOURCE RANGE (FLUX) LEVEL HANNEL 1		0.00	CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2		0.00	CPS
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)		64.84	%
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMAT		67.80	%
20.	A0602	CVCSBBORON METER (ISOLATED ON Ph. A)		628.2	PPM
21.	A1312	RVLIS - TRAIN A - DYNAMI HEAD D/P		103.87	%
22.	A3300	RVLIS - TRAIN A - UPPER RANGE LEVEL		61.68	%
23.	A1306	RVLIS - TRAIN A- LOWER RANGE LEVEL		63.99	%
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN		36.94	DEG F

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAM GEN A WIDE RANGE LEVEL		60.85	%
2.	A1005	STEAM GEN B WIDE RANGE LEVEL		60.82	%
3.	A0970	STEAM GEN C WIDE RANGE LEVEL		60.82	%
4.	A0988	STAM GEN D WIDE RANGE LEVEL		60.5	%
5.	A1107	STEAM GEN A STEAM (LINE PRESS I		1032.52	PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I		1032.41	PSIG
7.	A1119	STEAM GEN C TEAM (LINE) PRESS I		1031.26	PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I		1031.26	PSIG
9.	P1412	TOAL S/G A (MAIN) FEEDWATER FLOW 1		2.4	MLB/HR
10.	P1414	TOTAL S/G B (MAIN) FEEDWTER FLOW 1		2.48	MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1		2.47	MLB/HR
12.	P1418	TOTAL S/G D MAIN) FEEDWATER FLOW 1		2.47	MLB/HR
13.	P1208	AUX FEEDWATER FLOW TO S/G A		0.0489	MLB/HR
14.	P1209	UX FEEDWATER FLOW TO S/G B		00488	MLB/HR
15.	P1210	AUX FEEDWATER FLOW T S/G C		0.0489	MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D		0.0489	MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV		56.60	%
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV		56.39	%
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV		66.38	%
20.	A1077	STEAM GEN D NARROW RANE LEVEL IV		56.45	%
21.	A0736	MAIN STEAM HEADER PRESSURE		1026.64	PSIG

----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15				
1. D0970	VV PUMP A (HIGH HEAD SI)	OFF		
2. D0620	NV PUMP B (HIGH HEA SI)	ON		
3. A0827	BORON INJECTION (HIGH HEAD SI) FLOW		0.00	GPM
4. D3574	NI PUMP (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B (INTERMEDIATE HEAD I)	OFF		
6. D1042	D PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEADSSI / RHR)	OFF		
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW		55.02	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN HX OUTLET FLOW		0.00	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORML		
12. D0402	REFUELING WATER SORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EMER LO		

----- CONTAINMENT SYTEMS -----

Group: 20				
1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANGE CONTAI.. PRESS (-5 TO 20)		0.1682	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4. A1228	LOWER ONT AMBIENT AIR TEMP A		110.58	EEG F
5. A1204	UPPER CONT AMBIENT AIR TEMPA		89.97	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUMP LEVEL TRANN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A		0.00	%
9. D3572	NS PUMP A (CONTINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF		

----- RADIATION SYTEMS -----

Group: 25				
1. A0115	1EMF48 REACTOR COOLANT MONITOR		51924.98	CPM
2. A0829	1EMF51A IN CONTINMENT HI RANGE RAD MON		5.95	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RADMON		5.95	R/HR
4. A0073	1EMF99H CONTAINMENT GAS HI RANGE		2.00	CPM
5. A0067	1EMF39L CONTAINMENT GAS LORANGE		28504.65	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE		5.00	CPM
7. A0055	1EMF38L CONTAINMNT PARTICULATE LO RANGE		27029.45	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE		4.01	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE		31.6	CPM
10. A0012	1EMF36L UNIT VENT GAS LORANGE		158.49	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE		20.03	CPM
12. A0013	1EMF35L UNIT ENT PARTICULATE LO RANGE		329.29	CPM
13. A0049	1EMF37 UNIT VENT IODINE		387.01	CPM
14. A0079	1EF40 CONTAINMENT IODINE		500.06	CPM
15. A1368	1EMF24 STEAMLINE 1A RADATION MONITOR		0.0110	mR/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR		0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE1C RADIATION MONITOR		0.0110	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RADIATION MONIOR		0.0110	MR/HR
19. A0127	EM49H WASTE LIQUID DISCHARGE HI RANGE		----	CPM

----- ENVIRONMENTAL SYSTEMS -----

Group: 30				
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LWER TO UPPER DELTA-T (15 MINUTE AVERAGE)			DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE VERAGE)			DEG C
8. A0863	UIT VENT STACK FLOW		91647.50	FT3/MN

Date: 12/20/53

Time: 0215

Grup: 35

----- IN-CORE THERMOCOUPLES -----

1. A0268	IN-CORE TEMP A10	T/C #2	558.21	DEGF
2. A0166	IN-CORE TEMP J06	T/C #17	557.74	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	58.64	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	558.04	DEG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DE F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	TC #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	583.53 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	583.53 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	583.53 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	583.50 DEG F
5.	A1061	NC LOOP A WIDE @RANGE COLD LEG TEMP	556.42 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	556.63 DEG F
7.	A1073	NC OOP C WIDE RANGE COLD LEG TEMP	556.58 DEG F
8.	A1079	NC LOOP D WIDE RANGE COL LEG TEMP	556.58 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2243.82 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	40.49 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR COOLANT PUMP B	ON
14.	D2805	REACTOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00 CPS
18.	A0628	POER RANGE AVG LEVEL QUADRANT 1 (N-43)	42.77 %
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	46.67 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	626.38 PPM
21.	A1312	RVLIS - TRAI A - DYNAMIC HEAD D/P	103.18 %
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	61.90 %
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.0 %
24.	P1481	LOWEST NC SYSTEM SUBCOLING MARGIN	53.74 DEG F

Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	59.00 %
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	5.99 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	58.99 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	58.99 %
5.	A1107	STEAM GEN ASSTEAM (LINE) PRESS I	1043.65 PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	1044.67 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	104.53 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	1043.53 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	1.65 MLB/HR
10.	P1414	TOTAL S/G (MAIN) FEEDWATER FLOW 1	1.65 MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLO 1	1.67 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	1.66 MLB/HR
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0443 MLB/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0443 MLB/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0443 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0443 MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	00.69 %
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	50.57 %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	50.59 %
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	50.61 %
21.	A0736	MAIN STEAM HEADER PRESSURE	1042.46 PSIG

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Group	Item	Description	Value	Unit
15	AUXILIAR/INJECTION SYSTEMS			
1.	70	NV PUMP A (HIGH HEAD SI)	OFF	
2.	DJ620	NV PUMP B (HIGH HEAD SI)	ON	
3.	A0827	BORON INJECTION (HIGH HEAD SI) LLOW	0.00	GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF	
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7.	DC968	ND PUMP B (LOW HEAD SI / RHR)	OFF	
8.	A0758	CHARGING PUMP DISCHARGE HEADER LLOW	68.35	GPM
9.	A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00	GPM
10.	A0764	LETDOWN HX OUTLET FOW	0.00	GPM
11.	DO400	REFUELING WATER STORAGE TANK LEVEL	NORMAL	
12.	DO402	REFUELIN WATER STORAGE TANK LEVEL	NOT LO	
13.	DO401	REFUELING WATER STORAGE TANK EEVEL	NOT EMER LO	

Group	Item	Description	Value	Unit
20	CONTAINMENT SYSTEMS			
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	-----	PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1705	PSIG
3.	A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)	-----	PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.65	DEG F
5.	A1204	UPPER CONT AMBIENT AIR TEMP A	10.03	DEG F
6.	A1041	COTTAINMENT SUMP LEVEL TRAIN A	000	FT
7.	A0671	CONTAINMENT SUMP LEVEL TRAIN B	-----	FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00	%
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF	
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF	

Group	Item	Description	Value	Unit
25	RADIATIONSSYSTEMS			
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98	CPM
2.	A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON	3.98	R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGERAD MON	3.98	R/HR
4.	A0073	EMF39H CONTAINMENT GAS HI RANGE	2.00	CPM
5.	A0067	1EMF39L CONTAINMENT AS LO RANCE	28504.64	CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00	CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45	CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI ANGE	4.01	R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	3.62	CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANGE	158.49	CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	20.03	CPM
12.	A0013	1EMF35L UNT VENT PARTICULATE LO RANGE	329.32	CM
13.	A0049	1EMF17 UNIT VENT IODINE	387.01	CPM
14.	A0079	1EF40 CONTAINMENT IODINE	500.10	CPM
15.	A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR	0.0110	mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110	MR/HR
17.	A1380	1EMF26 SEEAMLINE 1C RADIATION MONITOR	0.0110	M/HR
18.	A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR	0.0110	MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	-----	CPM

Group	Item	Description	Value	Unit
30	ENVIRONMENTAL SYSTEMS			
1.	P0846	UPPER WIDD SPEED (15 MINUTE AVERAGE)	-----	PH
2.	P0848	LOWER WIND SPEED (15 MNUTE AVERAGE)	-----	MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	-----	DEG C
4.	P0847	UPPER WIND DIRECTON (15 MINUTE AVERAGE)	-----	DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	-----	DEG
6.	P0595	PRECIPIAATION IN LAST 15 MIN	-----	IN
7.	P0851	AMBIENT AIR TEMPERATURE(15 IINUTE AVERAGE)	-----	DEG C
8.	A0863	UNIT VENT STACK FLOW	11647.50	FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----	
1.	A0268	IN-COR TEMP A10 T/C #2	556.51	DEG F
2.	A0166	IN-CORE TEMP J06 T/C #17	556.04	DEG F
3.	A0155	IN-CORE TEMP F01 T/C #43	556.95	DEG F
4.	A0251	IN-CORE TEMP M0 T/C #59	556.34	DEG F
5.	P0823	5 HIGHEST IN-CORE T/C TEMP MARGIN	-----	DEG F
6.	P0828	5 HIGEEST IN-CORE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8.	A141	IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287	IN-CORE TEMP D1 T/C #42	-----	DEG F
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	571.55	DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	71.55	DEG F
3.	A0977	NC LOOP C WIDE RANG HOT LEG TEMP	571.55	DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	571.55	DEG F
5.	A1061	NC LOOP AWIDE RANGE COLD LEG TEMP	556.10	DG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEGTEMP	556.29	DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	56.18	DEG F
8.	A1079	NC LOOP D WIDE RANG COLD LEG TEMP	556.18	DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2234.90	PSIG
11.	A1124	PZR LEVE I (HOT CALIBRATED)	33.01	%
12.	D2803	REACTOR COOLANT PUMP A		ON
13.	D2804	REACTOR COOLANT PUMP B		ON
14.	D2805	REACTOR COOLANT PUP C		ON
15.	D2806	REACTOR COOLANT PUMP D		ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANEL 2	0.00	CPS
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	22.91	%
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	24.99	%
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	625.81	PPM
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	102.03	
22.	A1300	RVLIS - TRAIN A - UPPER RANGELEVEL	62.07	%
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	63.99	%
24.	P1481	LOWEST NC SYSTEM SUCCOOLING MARGIN	67.35	DEG F

----- SECONDARY SYSTEM -----

1.	A1004	STEAM GEN A WIDE RANGE LEVEL	57.17	%
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	57.15	%
3.	A0970	STEAM GEN C WIDE ANGE LEVEL	57.16	%
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	57.17	%
5.	A1107	STEAM GN A STEAM (LINE) PRESS I	1038.64	PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRSS I	1038.49	PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	11039.52	PSIG
8.	A1125	STEAM GEN D STEM (LINE) PRESS I	1039.53	PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.9148	MLB/HR
10.	P1414	TOTALS/G B (MAIN) FEEDWATER FLOW 1	0.9217	MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.9015	MLB/HR
12.	P1488	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.8903	MLB/HR
13.	P1208	AUX FEEDWATER FLOWTO S/G A	0.00	MLB/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.00	MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/GD	0.00	MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	44.26	%
18.	A1065	STEAM GEN B NAROW RANGE LEVEL IV	44.18	%
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	44.15	%
20.	A1077	STEA GEN D NARROW RANGE LEVEL IV	44.19	%
21.	A0736	MAIN STEAM HEADER PRESSUR	1036.94	PSIG

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Group: 15		AUXILIARY/INJECTION SYSTEMS	
1.	D0970	NV PUMP A (HIGH HEAD SI)	OFF
2.	D0620	NV PUP B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HIGH HEADSI) FLOW	0.00 GPM
4.	D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OF
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	ND PMP B (LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHARGE HAADER FLOW	57.48 GPM
9.	A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00 GPM
10.	A0764	LETDOWN HX OUTET FLOW	0.00 GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL
12.	D0402	REFULING WATER STORAGE TANK LEVEL	NOT LO
13.	D0401	REFUELING WATER STORAGE TANKLEVEL	NOT EMER LO

Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	----- PSIG
2.	A0785	INTE. RANGE CONTAIN. PRESS (-5 TO 20)	0.172 PSIG
3.	A1047	WIDE RANGE CONTAIN. PRSS (-5 TO 60)	----- PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.73 DEG F
5.	A1204	UPPER CONT AMBEENT AIR TEMP A	90.07 DEG F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONAINMENT SUMP LEVEL TRAIN B	----- FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00 %
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	FF
10.	D3573	NS PUMP B (CONAAINMENT SPRAY)	OFF

Group: 25		RADIATION SYSTEMS	
1.	A0115	1EMF48 REACTOR COOLANT ONITOR	51924.98 CPM
2.	A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON	2.14 R/HR
3.	A0835	1EMF51B IN CNTAINMENT HI RANGE RAD MON	2.14 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.99 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00 CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VNT GAS HI HI RANGE	4.01 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	1.62 CPM
10.	A0012	EMF36L UNIT VENT GAS LO RANGE	15.49 CPM
11.	A0019	1EMF35H UNIT VENT PARIICULATE HI RANGE	20.03 CPM
12.	A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	329.29 CPM
13.	A0049	1EMF37 UNITVVENT IODINE	387.01 CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.14 CPM
15.	A1368	EMF24 STEAMLINE 1A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110 MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.0110 MR/HR
18.	A1386	1EMF27 STEMLINE 1D RADIATION MONITOR	0.0110 MR/R
19.	A0127	EMF49H WASTE LIQUID DISCHARGE H RANGE	----- CPM

Group: 30		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	----- MPH
2.	P0848	LOWER WIN SPEED (15 MINUTE AVERAGE)	----- MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINTE AVERAGE)	----- DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	----- DEG
5.	P0849	LOWER WIND DIRECTIO (15 MINUTE AVERAGE)	----- DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN	----- IN
7.	P0851	AMBIENT AI TEMPERATURE(15 MINUTE AVERAGE)	----- DG C
8.	A0863	UNIT VENT STACK FLOW	91647.50 FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35				
1. A0268	IN-CORE TEMP A1	T/C #2	556.17	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	555.70	DEG F
3. A0155	IN-ORE TEMP F01	T/C #43	556.59	DEG F
4. A0251	IN-CORE TEMP M07	T/C #5	555.96	DEG F
5. P8823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-ORE	T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #4	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	566.12	DEG F	
2.	A0971	NC LOOP WIDE RANGE HOT LEG TEMP	566.12	DEG F	
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	566.12	DEG F	
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	566.06	DEG F	
5.	A1061	NC LOOP A WIDE ANGE COLD LEG TEMP	554.10	DEG F	
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	554.40	DEG F	
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	554.18	DEG F	
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	554.29	DEG F	
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2241.43	PSIG	
11.	A1124	PZR LEVEL I (HT CALIBRATED)	29.37	%	
12.	D2803	REACTOR COOLANT PUMP A		ON	
13.	D2804	REACTOR COOLANT PUMP B		ON	
14.	D2805	REACTOR COOLANT PUMP C		ON	
15.	D2806	REACTOR COOLANT PUMP D		O	
16.	A1177	SOURCE RANGE (FLX) LEVEL CHANNEL 1	0.00	CPS	
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	CPS	
18.	A0628	POWR RANGE AVG LEVEL QUADRANT 1 (N-43)	17.3	%	
19.	P1385	REACTOR THERMAL POWER, BST ESTIMATE	19.75	%	
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	625.87	PPM	
21.	A1312	RVLS - TRAIN - DYNAMIC HEAD D/P	101.78	%	
22.	A1300	RVLS - TRAIN A - UPPER RANGE LEVEL	62.13	%	
23.	A1306	RVLS - TRAIN A - LOWER RANGE LEVEL	64.00	%	
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	72.76	DEG F	

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	55.17	%	
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	55.6	%	
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	55.03	%	
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	54.93	%	
5.	A1107	STEAM GEN A TEAM (LINE) PRESS I	1028.10	PSIG	
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	1024.76	PSIG	
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	1031.88	PSIG	
8.	A1125	STEAM GEN D STEAM (LIN) PRESS I	1031.59	PSIG	
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.6038	MLB/HR	
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	0.5336	MLB/HR	
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW	0.5798	MLB/HR	
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.7751	MLB/HR	
13.	P1208	AUX FEEDWATER FLOW TO SG A	0.00	MLB/HR	
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR	
15.	P1210	AUX FEEDWAER FLOW TO S/G C	0.00	MLB/HR	
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.00	MLB/HR	
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	37.34	%	
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	36.65	%	
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	37.46	%	
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	36.58	%	
21.	A0736	MAIN STEAM HEADER PRESSURE	1024.13	PSIG	

Group: 15		AUXILIARY INJECTION SYSTEMS	
1.	D0970	NV PUMP A (HIGH HEAD SI)	OF
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON
3.	A0827	BORON INJECTION (HIGH HEAD SI) FLWW	0.00 GPM
4.	D3574	N PUMP A (INTERMEDIATE HEAD SI)	OFF
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF
7.	D0968	ND PUMP B LOW HEAD SI / RHR)	OFF
8.	A0758	CHARGING PUMP DISCHARGE HEADER LOW	69.85 GPM
9.	A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	.00 GPM
10.	A0764	LETDOWN HX OUTLET FLOW	0.00 GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL	NORAL
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO
13.	D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EMER LO

Group: 20		CONTAINMENT SYSTEMS	
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1720 PSIG
3.	A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)	PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A	110.60 DEG F
5.	A1204	UPPER CONT AMBIENT AIR TEMP A	90.07 DEG F
6.	A1041	CONTAINMENT UMP LEVEL TRAIN A	0.00 FT
7.	A0671	CONTAINMENT SUMP LEVEL TRAIN B	FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00 %
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF

Group: 25		RADIATION SYSTEMS	
1.	A0115	1EMF48 REACTOR COOLANT MONITOR	51924998 CPM
2.	A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON	1.63 R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	1.63 R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00 CPM
5.	A0067	1EMF39L CONTAINMENT GAS LO RANGE	28504.59 CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	.00 CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.45 CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.01 R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	31.62 CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANGE	158.49 CPM
11.	A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	20.03 CPM
12.	A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	329.37 CPM
13.	A0049	1EMF37 UNIT VENT IODINE	387.02 CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.15 CPM
15.	A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR	0.0110 mR/Hr
16.	A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110 MR/HR
17.	A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.0110 MR/HR
18.	A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR	0.0110 MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	CP

Group: 30		ENVIRONMENTAL SYSTEMS	
1.	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	MPH
2.	P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN	IN
7.	P0851	AMBIENT AIR TEMPERATURE (15 MINUTE AVERAGE)	DEG C
8.	A0863	UNIT VENT STACK FLOW	91647.50 FT/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----	
1. A0268	IN-CORE TEMP A10	/C #2	554.13	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	553.63	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	554.51	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	553.88	DEG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

Group: 05		PRIMARY SYSTEM			
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	563.09	DEG F	
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEM	563.09	DEG F	
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	53.09	DEG F	
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	563.09	DEG F	
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	556.36	DEG F	
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	556.67	DEG F	
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	556.51	DEG F	
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	556.6	DEG F	
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2217.93	PSIG	
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	30.60	%	
12.	D2803	REACTOR COOLANT PUMP A			ON
13.	D2804	REACTOR COOLANT PUMP B			ON
14.	D2805	REACTOR COOLANT PUMP C			ON
15.	D2806	REACTOR COOLANT PUM D			ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.00	CPS	
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.00	CS	
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (--43)	8.92	%	
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	11.64	%	
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	624.01	PPM	
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	101.00	%	
22.	A1300	RVLIS TRAIN A - UPPER RANGE LEVEL	62.27	%	
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%	
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	74.90	DEG F	

Group: 10		SECONDARY SYSTEM			
1.	A1004	STEAM EN A WIDE RANGE LEVEL	55.06	%	
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	53.41	%	
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	54.57	%	
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	53.51	%	
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	1061.34	PSIG	
6.	A1113	STEAM EN B STEAM (LINE) PRESS I	1061.61	PSIG	
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	1061.54	PSIG	
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	1061.60	PSIG	
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.5990	MLB/HR	
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	0.5989	MLB/HR	
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.5991	MLB/HR	
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.5990	MLB/HR	
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.00	MLB/HR	
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR	
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.00	MLB/HR	
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0	MLB/HR	
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	38.20	%	
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	32.83	%	
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	37.14	%	
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	33.32	%	
21.	A0736	MAIN STEAM HEADER PRESSURE	1059.91	SSIG	

Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----

1.	D0970	NV PUMP A (HIH HEAD SI)	OFF		
2.	D0620	NV PUMP B (HIGH HEAD SI)	ON		
3.	A0827	BORN INJECTION (HIGH HEAD SI) FLOW		0.0	GPM
4.	D3574	NI PUMP A (INTERMEDIATE EAD SI)	OFF		
5.	D3576	NI PUMP B (INTERMEDIATE HEAD SI)	FF		
6.	D1042	ND PUMP A (LOW HAAD SI / RHR)	OFF		
7.	D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8.	A0758	CHAGING PUMP DISCHARGE HEADER FLOW		61.59	GPM
9.	A0856	(LOW HEAD SI / RHR) ND X RETURN FLOW		0.00	GPM
10.	A0764	LETDOWN HX OUTLET FLOW		0.00	GPM
11.	D0400	REFUELING WAER STORAGE TANK LEVEL	NORMAL		
12.	D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13.	D0401	REUELING WATER STORAGE TANK LEVEL	NOT EMER L		

Group: 20 ----- CONTAINMENT SYSTEMS -----

1.	A0590	NARROW RANG CONTAIN. PRESS (-1 TO +1)			PSIG
2.	A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)		0.0744	PSIG
3.	A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4.	A1228	LOWER CONT AMBIENT AIR TEMP A		102.50	DEG F
5.	A1204	UPPER ONT AMBIENT AIR TEMP A		88.41	DDEG F
6.	A1041	CONTAINMENT SUMP LEVEL TRAI A		0.00	FT
7.	A0671	CONTAINMENT SUMP LEVEL TRAIN B			FT
8.	A0848	CONTAINMENT H2 CONCENTRATION TRAIN A		0.00	%
9.	D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10.	D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1.	A0115	1EMF48 REACTOR COOANT MONITOR		51924.98	CPM
2.	A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON		0.8271	R/HR
3.	A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON		0.8271	R/HR
4.	A0073	1EMF39H CONTAINMENT GAS H RANGE		2.00	CPM
5.	A0667	1EMF39L CONTAINMENT GAS LO RANGE		28506.79	CPM
6.	A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE		5.00	CPM
7.	A0055	1EMF38L CONTAINMENT PARTICULATE LO AANGE		27029.55	CPM
8.	A1009	1EMF36HH UNIT VENT GAS HI HI RANGE		4.0	R/HR
9.	A0018	1EMF36H UNIT VENT GAS HIRANGE		31.62	CPM
10.	A0012	1EMF36L UNIT VENT GAS LO RANGE		158.49	CPM
11.	A0019	1EMF35H UNIT VEN PARTICULATE HI RANGE		20.03	CPM
12.	A0013	1EMF35L UNIT VENT PARTICULATE LO RNGE		329.22	CPM
13.	A0049	1EM37 UNIT VENT IODINE		387.0	CPM
14.	A0079	1EMF40 CONTAINMENT IODIN		500.17	CPM
15.	A1368	1EMF24 STEAMLIN 1A RADIATI N MONITOR		0.0110	mR/Hr
16.	A1374	1EMF25 STEAMLNE 1B RADIATION MONITOR		0.0110	MR/HR
17.	A1380	1EMF26 STEAMLIN 1C RADIATION MONITOR		0.0110	MR/HR
18.	A1386	1EM27 STEAMLIN 1D RADIATION MONITOR		0.010	MR/HR
19.	A0127	EMF49H WASTE LIQUID DISHARGE HI RANGE			CPM

Group: 30 ----- EENVIRONMENTAL SYSTEMS -----

1.	P0846	UPPER WIND SPEED (15 MINUT AVERAGE)			MPH
2.	P0848	LOEER WIND SPEED (15 MINUTE AVERAGE)			MPH
3.	P0850	LOWER TO UPPER DELTA-T(15 MINUTE AVERAGE)			DEG C
4.	P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN			IN
7.	P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAGE)			DEG C
8.	A0863	UNIT VENT SACK FLOW		91647.50	FT3/N

Date: 10/20/93

Time: 03:15

----- IN-CORE THERMOCOUPLES -----

Group: 35				
1. A0268	IN-CORE TEMP A10	T/C#2	556.81	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	556.29	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	557.17	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	556.54	DEG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/ TEMP	----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	----	DEG F
8. A1341	IN-CORE TEM M11	T/C #60	----	DE F
9. A1287	IN-CORE TEMP D13	T/C #42	----	DEG F
10. A1161	IIN-CORE TEMP C04	T/C #3	----	DEG F

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	617.00 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	619.50 DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	614.80 DEG F
4.	A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	620.90 DEG F
5.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	557.40 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	555.60 DEG F
7.	A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	556.30 DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	558.10 DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	2263.00 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	60.80 %
12.	D2803	REACTOR COOLANT PUMP A	ON
13.	D2804	REACTOR COOLANT PUMP B	ON
14.	D2805	REACTOR COOLANT PUMP C	ON
15.	D2806	REACTOR COOLANT PUMP D	ON
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	0.9964 CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	0.9964 CPS
18.	A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	99.69 %
19.	P1385	REACTOR THERMAL POWER, BEST ESTIMATE	100.00 %
20.	A0602	CVCS BORON METER (ISOLATED ON Ph. A)	1074.00 PPM
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	106.50 %
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	60.02 %
23.	A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	70.16 %
24.	P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	----- DEG F
Group: 10		SECONDARY SYSTEM	
1.	A1004	STEAM GEN A WIDE RANGE LEVEL	62.59 %
2.	A1005	STEAM GEN B WIDE RANGE LEVEL	61.95 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	62.80 %
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	62.05 %
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	954.20 PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	956.80 PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	954.20 PSIG
8.	A1125	STEAM GEN D STEAM (LINE) PRESS I	955.80 PSIG
9.	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	3.70 MLB/HR
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	3.82 MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	3.78 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	3.77 MLB/HR
13.	P1208	AUX FEEDWATER FLOW TO S/G A	0.0585 MLB/HR
14.	P1209	AUX FEEDWATER FLOW TO S/G B	0.0536 MLB/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.0494 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.0543 MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	----- %
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	----- %
19.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	----- %
20.	A1077	STEAM GEN D NARROW RANGE LEVEL IV	----- %
21.	A0736	MAIN STEAM HEADER PRESSURE	----- PSIG

Group: 15		AUXILIARY/INJECTION SYSTEMS	
1. D097	NV PUMP A (HIGH HEAD SI)	OFF	
2. D0620	NV PUMP B (HIGH HEAD SI)	ON	
3. A0827	BORON INJECTION (HIGH HEAD SI) FLOW	-----	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF	
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW	76.62	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00	GPM
10. A0764	LETDOWN HX OUTLET FLOW	80.05	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL	
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO	
13. D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EMER LO	

Group: 20		CONTAINMENT SYSTEMS	
1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	-----	PSIG
2. A0785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	0.1094	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)	-----	PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A	110.70	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A	95.62	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A	-0.1448	FT
7. A0671	CONTAINMENT SUMP LEVEL TRAIN B	0.0661	FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	-0.5743	%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF	
10. D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF	

Group: 25		RADIATION SYSTEMS	
1. A0115	1EMF48 REACTOR COOLANT MONITOR	6608.00	CPM
2. A0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON	7.31	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	7.31	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE	9.96	CPM
5. A0067	1EMF39L CONTAINMENT GAS LO RANGE	2799.00	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	18.85	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	253.20	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	1.91	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE	9.96	CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE	257.60	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	9.96	CPM
12. A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	28.88	CPM
13. A0049	1EMF37 UNIT VENT IODINE	14.99	CPM
14. A0079	1EMF40 CONTAINMENT IODINE	182.60	CPM
15. A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR	0.0996	mR/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.1003	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	0.1003	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR	0.1401	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	-----	CPM

Group: 30		ENVIRONMENTAL SYSTEMS	
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	8.70	MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	6.17	MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	-0.2922	DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	190.50	DEG
5. P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	198.50	DEG
6. P0595	PRECIPITATION IN LAST 15 MIN	0.00	IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAGE)	27.05	DEG C
8. A0863	UNIT VENT STACK FLOW	95840.00	FT3/MN

Group: 35	----- IN-CORE THERMOCOUPLES -----			
1. A0268	IN-CORE TEMP A10	T/C #2	558.00	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	*OFF SCALE*	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	794.80	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	559.80	DEG F
5. P0825	5 HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A1.23	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

----- PRIMARY SYS'EM -----

Group: 05				
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP		558.72	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEP		558.72	DEG F
3. A0977	LOOP C WIDE RANGE HOT LEG TEMP		5.72	DEG F
4. A0983	NC LOOP D WIDE RANGEHOT LEG TEMP		558.72	DEG F
. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP		558.01	DEG F
6. A1067	NC LOOP BIDE RANGE COLD LEG TEMP		558.16	DEG
7. A1073	NC LOOP C WIDE RANGE COLD LEG MP		558.24	DEG F
8. A1079	C LOOP D WIDE RANGE COLD LEG TEMP		55824	DEG F
9. A0826	NC SYSTEM (HOT LEG) IDE RANGE PRESS		2245.42	PSIG
1. A1124	PZR LEVEL I (HOT CALIBRATED)		26.44	%
12. D2803	REACTOR COANT PUMP A	ON		
13. D2804	REACTOR COOLANT PUMP B	ON		
14. D2805	ACTOR COOLANT PUMP C	ON		
15. D2806	REACTOR COOLANT PUM D	ON		
6. A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1		29.27	CPS
17. A1206	SOURCE RANE (FLUX) LEVEL CHANNEL 2		33.58	CS
18. A0628	POWER RANGE AVG LEVEL QUADRAN 1 (N-43)		3.739E-08	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE		1.64	%
20. A0602	CVCS BORON METER (IOLATED ON Ph. A)		633.73	PPM
1. A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P		100.13	%
22. A1300	RVLIS - TRIN A - UPPER RANGE LEVEL		62.33	%
23. A1306	RVLIS - TRAIN A - LOWER RANGELEVEL		64.00	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN		81.67	DEG F

----- SECONDARY SYSTEM -----

oup: 10				
1. A1004	STEAM GE A WIDE RANGE LEVEL		54.88	
2. A1005	STEAM GEN B WIDE RANGE LEVEL		54.87	%
3. A097	STEAM GEN C WIDE RANGE LEVEL		54.88	%
4. A0988	STEAM GEN D WIDE ANGE LEVEL		54.88	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I		1093.72	PSIG
6. A1113	STEAM G B STEAM (LINE) PRESS I		1093.73	SIG
7. A1119	STEAM GEN C STEAM (LINE) PRS I		1093.74	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I		1093.74	PSIG
9. P1412	TOTAL S/G A (MAIN FEEDWATER FLOW 1		0.0881	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1		0.0952	MLB/HR
11. P1416	TOTAL SG C (MAIN) FEEDWATER FLOW 1		0.0921	LB/HR
12. P1418	TOTAL S/G D (MAIN) FEEDWATE FLOW 1		0.0916	MLB/HR
13. P12	AUX FEEDWATER FLOW TO S/G A		0.00	MLB/HR
14. P1209	AUX FEEDWATER FLW TO S/G B		0.00	MLB/HR
5. P1210	AUX FEEDWATER FLOW TO S/G C		0.00	MLB/HR
16. P1211	AUX FEDWATER FLOW TO S/G D		0.00	MLB/HR
17. A1059	STEAM GEN A NARROW RANGE LEEL IV		37.96	%
18. A105	STEAM GEN B NARROW RANGE LEVEL IV		37.92	%
19. A1071	STEAM GEN C NARROW RGGE LEVEL IV		37.95	%
0. A1077	STEAM GEN D NARROW RANGE LEVEL IV		37.94	%
21. A0736	MAIN TEAM HEADER PRESSURE		1093.66	PIG

Group: 5		AUXILIARY/INJECTION SYSTEMS	
1. D0970	NV PUMP A (HIGH HEASI)	OFF	
2. D0620	NV PUMP B (HIGH HEAD SI)	ON	
3. A0827	BORONINJECTION (HIGH HEAD SI) FLOW		0.00 GPM
4. D3574	NI PUMP A (INTERMEDIATE HEASI)	OFF	
5. D366	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF	
8. A0758	CHARNG PUMP DISCHARGE HEADER FLOW		130.52 GPM
9. A0856	(LOW HEAD SI / RHR) ND HX ETURN FLCW		0.00 GPM
10. A064	LETDOWN HX OUTLET FLOW		45.24 GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL	
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO	
13. D0401	REFULING WATER STORAGE TANK LEVEL	NOT EMER LO	

Group 20		CONTAINMENT SYSTEMS	
1. A0590	NARROW RANGEONTAIN. PRESS (-1 TO +1)	-----	PSIG
2. A0785	INTER. RANGE CONTAIN. PRESS (-5 T220)	0.0311	PSIG
3. A1047	WIDERANGE CONTAIN. PRESS (-5 TO 60)	-----	PSIG
4. A1228	LOWER CONT AMBIENT AIR MMP A	102.43	DEG F
5. 1204	UPPER CONT AMBIENT AI TEMP A	85.90	DEG F
6 A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7. A0671	CONTAINME JUMP LEVEL TRAIN B	-----	FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRIN A	0.00	%
9. D3572	S PUMP A (CONTAINMENT SPRAY)	OFF	
10. D3573	NS PUMP B (CONTAINME SPRAY)	OFF	

Group: 25		RADIATION SYSTEMS	
1. A0115	1EMF48 REACTOR COOLANT MONITOR	51924.98	CPM
2. A0829	EMF51A IN CONTAINMENT HI RANGE RAD MON	2.00E-04	R/HR
3. A0835	1EMF51B IN CONTAINMENT I RANGE RAD MON	2.002E-04	R/HR
. A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00	CPM
5. A0067	1EMF39L CONTANMENT GAS LO RANGE	28507.96	CP
6. A0061	1EMF38H CONTAINMENT PARTICULATE I RANGE	5.00	CPM
7. A0055	1EMF38 CONTAINMENT PARTICULATE LO RANGE	2709.61	CPM
8. A1009	1EMF36HH UNIT VENT S HI HI RANGE	4.01	R/HR
. A0018	1EMF36H UNIT VENT GAS HI RANGE	31.62	CPM
10. A0012	1EMF36L UNI VENT GAS LO RANGE	158.49	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATEHI RANGE	20.03	CPM
12. A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	32.33	CPM
13. A0049	1EMF37 UNIT VENT IOINE	387.01	CPM
4. A0079	1EMF40 CONTAINMENT IODINE	500.19	CPM
15. A1368	1EMF24 STMMLINE 1A RADIATION MONITOR	0.0110	m/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATIONOONITOR	0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	.0110	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RADIATIONMONITOR	0.0110	MR/HR
9. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	-----	CPM

Group: 30		ENVIRONMENTAL SSTEMS	
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERGE)	-----	DEG C
4. P0847	UPPER WIN DIRECTION (15 MINUTE AVERAGE)	-----	EG
5. P0849	LOWER WIND DIRECTION (15 INUTE AVERAGE)	-----	DEG
6. P059	PRECIPITATION IN LAST 15 MIN	-----	IN
7. P0851	AMBIENT AIR TEMPEATURE(15 MINUTE AVERAGE)	-----	DEG C
. A0863	UNIT VENT STACK FLOW	91647.50	FT3/MN

Date: 10/20/93

Time: 0859

Group: 35	-----	IN-CORE THERMOOUPLES	-----	
1. A028	IN-CORE TEMP A10	T/C #2	558.03	DEG F
2. A0166	IN-CORE TEMP J06	T/C #17	557.56	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	558.47	DEGF
4. A0251	IN-CORE TEMP M07	T/C #59	557.87	DEG F
5. P0823	HIGHEST IN-CORE	T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	TC TEMP	-----	DEG F
7. A1323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE MMP M11	T/C #60	-----	D F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	556.10	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	556.00	DEG F
3. A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	556.06	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	556.03	DEG F
5. A1061	NC LOOP A WIDE RAN COLD LEG TEMP	545.16	DEG F
6. A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	537.65	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	536.38	DEG F
8. A1079	NC LOOP D WIDE RANGE COLD LE TEMP	537.00	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	773.60	PSIG
11. A1124	PZR LEVEL I (HOT CLIBRATED)	0.00	%
12. D2803	REACTOR COOLANT PUMP A	OFF	
13. D2804	REACTOR OLANT PUMP B	OFF	
14. D2805	REACTOR COOLANT PUMP C	OFF	
15. D280	REACTOR COOLANT PUMP D	OFF	
16. A1177	SOURCE RANGE (FLU) LEVEL CHANNEL 1	31.61	CPS
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	32.98	CPS
18. A0628	POWER RNGE AVG LEVEL QUADRANT 1 (N-43)	3.286E-08	
19. P1385	REACTOR THERMAL POWER, BESTESTIMATE	-0.3993	%
20. A060	CVCS BORON METER (ISOLATED ON Ph. A)	1064.33	PPM
21. A1312	RVLIS - TRAIN A DYNAMIC HEAD D/P	18.08	%
2. A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	93.89	%
23. A1306	RVLIS TRAIN A - LOWER RANGE LEVEL	61.47	%
24. P1481	LOWEST NC SYSTEM SUBCOOLINGAARGIN	-14.91	DEG F

----- SECONARY SYSTEM -----

Group: 10			
1. A1004	STEAM GEN A WIDE RANGE LEVEL	55.55	%
2. A1005	STEAMEEN B WIDE RANGE LEVEL	54.16	%
3. A0970	STEAM GEN C WIDE RANGE LEVL	55.51	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	55.51	%
5. A1107	STEAM GEN A STEM (LINE) PRESS I	1075.11	PSIG
6. A1113	STEAM GEN B STEAM (LINE) PRESS I	1068.33	PSIG
7. A1119	STEAMGEN C STEAM (LINE) PRESS I	1079.86	PSIG
8. A1125	STEAM GEN D STEAM (LINE) EESS I	1079.86	PSIG
9. P112	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.1194	MLB/HR
10. P1414	TOTAL S/G B (MAN) FEEDWATER FLOW 1	0.1194	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.1194	MLB/HR
12. P1418	TOT S/G D (MAIN) FEEDWATER FLOW 1	0.119	MLB/HR
13. P1208	AUX FEEDWATER FLOW TO S/ A	0.1197	MLB/HR
14. P209	AUX FEEDWATER FLOW TO S/G B	0.1197	MLB/HR
15. P1210	AUX FEEDWATER LOW TO S/G C	0.1197	MLB/HR
16. P1211	AUX FEEDWATER FLOW TO S/G D	0.1197	MLB/HR
17. A1059	STE GEN A NARROW RANGE LEVEL IV	40.3	%
18. A1065	STEAM GEN B NARROW RANGELEVEL IV	36.16	%
19. A071	STEAM GEN C NARROW RANGE LEVEL IV	40.50	%
20. A1077	STEAM GEN D NRROW RANGE LEVEL IV	40.55	%
21. A0736	MAIN STEAM HEADER PRESSURE	1068.33	PSIG

Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----

1. D097	NV PUMP A (HIGH HEAD SI)	ON		
2. D0620	NV PUMP B (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIGH HEAD SI) FL		585.47	GPM
4. D3574	NIUMP A (INTERMEDIATE HEAD SI)	ON		
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	ON		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OF		
7. D0968	ND PUMP B (LW HEAD SI / RHR)	ON		
8. A0758	CHARGING PUMP DISCHARGE HEADER FW		87.62	GPM
9. A0856	(LOHEAD SI / RHR) ND HX RETURN FLOW		000	GPM
10. A0764	LETDOWN HX OUTLET FLOW		0.00	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WEER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TANK LEVL	NOT EMER LO		

Group: 20 ----- CONTAINMET SYSTEMS -----

1A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANG CONTAIN. PRESS (-5 TO 20)		0.0468	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 O 60)			PSIG
4. A1228	LWER CONT AMBIENT AIR TEMP A		1059	DEG F
5. A1204	UPPER CONT AMBIENT AIR TMP A		86.49	DEG F
6 A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMEN SUMP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRA A		0.00	%
9. D3572	S PUMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINME SPRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 REACTOR COOLANT ONITOR		51924.98	CPM
2. 0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON		2.002E-04	R/HR
3. A0835	1EMF51B IN COTAINMENT HI RANGE RAD MON		2.002E-04	R/HR
4. A0073	1EMF39H CONTAINMENT GA ; HI RANGE		2.00	CPM
5. A0067	1MF39L CONTAINMENT GAS LO RANGE		285084	CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE		5.00	CPM
7A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE		27029.62	CPM
8. A1009	1EMF36HH UN VENT GAS HI HI RANGE		4.55	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE		31.62	CPM
10. A0012	MF36L UNIT VENT GAS LO RANGE		158.	CPM
11. A0019	1EMF35H UNIT VENT PARCCULATE HI RANGE		22.96	CPM
12. A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE		1031.52	CPM
13. A0049	1EMF37 UNITVENT IODINE		460.16	CPM
14. A0079	1EMF40 CONTAINMENT IODINE		500.19	CPM
15. A1368	EMF24 STEAMLINE 1A RADIATION MONITOR		0.110	mR/Hr
16. A1374	1EMF25 STEAMLINE 1B RAATION MONITOR		0.0110	MR/HR
17 A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR		0.0110	MR/HR
18. A1386	1EMF27 STELINE 1D RADIATION MONITOR		0.0110	MR/R
19. A0127	EMF49H WASTE LIQUID DISCHARGE H RANGE			CPM

Group: 30 ----- ENVIROENTAL SYSTEMS -----

.. P0846	UPPER WIND SPEED (15 MINUTE AVERAG)			MPH
2. P0848	LOWER WINSPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINTE AVERAGE)			DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTIO (15 MINUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT A TEMPERATURE (15 MINUTE AVERAGE)			EG C
8. A0863	UNIT VENT STACK FLOW		53418.03	FT3/MN

RDTS01

DUKE POWER COMPANY

Unit: MNS 1

Pa:: 3

Date: 10/20/93

Time: 0914

Group: 35	-----	IN-CORE THERMOCOUPLES	-----	
1. A0268	IN-CORE TEMP A10	T/C #2	554.52	DEG F
2. A0166	IN-COREEEMP J06	T/C #17	554.05	EG F
3. A0155	IN-CORE TEMP F01	T/C #43	554.92	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	554.15	DEG F
5. P0823	5 HIGHEST IN-CORET/C	TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A1323	IN-CORETEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A128	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	525.26	DEG F
2. A0971	C LOOP B WIDE RANGE HOT LEG TEMP	52.66	DEG F
3. A0977	NC LOOP C WIDE RANGE OT LEG TEMP	525.13	DEG F
A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	525.54	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	437.49	DEGF
6. A1067	NC LOOP B WIDE RANGE COLD LEG EMP	347.64	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	3.17	DEG F
8. A1079	NC LOOP D WIDE RANGCOLD LEG TEMP	335.24	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	818.24	PSIG
11. A1124	PZR LEVEL1 (HOT CALIBRATED)	0.00	%
12. D2803	REACTOR COOLANT PUMP A	OFF	
13. D2804	REACTOR COOLANT PUMP B	OFF	
14. D2805	REACTOR COOLANT PUMP C	OFF	
15. D2806	REACTOR COOLANT PUMP D	OFF	
16. A177	SOURCE RNGE (FLUX) LEVEL CHANNEL 1	20.55	CS
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANEL 2	14.29	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	1.95E-08	%
19. P1385	REACTOR THERMAL PORR, BEST ESTIMATE	0.00	%
0. A0602	CVCS BORON METER (ISOLATED ON Ph. A)	1113.62	PPM
21. A1312	RVLIS -RRRAIN A - DYNAMIC HEAD D/P	15.96	
22. A1300	RVLIS - TRAIN A - UPPER RANG LEVEL	72.04	%
23. A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	59.66	%
24. P1481	LOWEST NC SYSTEMSUBCOOLING MARGIN	-18.43	DEG F

----- SECONDARY SYSTEM -----

Group: 10			
1. A1004	STEAM GEN A WIDE RANGE LEVL	59.16	%
2. A1005	STEAM GEN B WIDE RANGE LEVEL	58.26	%
3. A0970	STEAM GEN C WIDRANGE LEVEL	58.88	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	58.85	%
5. A1107	STEAMGEN A STEAM (LINE) PRESS I	938.96	PIG
6. A1113	STEAM GEN B STEAM (LINE) PESS I	932.80	PSIG
7. A199	STEAM GEN C STEAM (LINE) PRESS I	950.41	PSIG
8. A1125	STEAM GEN D STEM (LINE) PRESS I	949.51	PSIG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	6.135E-03	MLB/HR
10. P1414	TOTAL /G B (MAIN) FEEDWATER FLOW 1	9.092E-03	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWAER FLOW 1	0.00	MLB/HR
12. P118	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
13. P1208	AUX FEEDWATER FOW TO S/G A	6.153E-03	MLB/HR
14. P1209	AUX FEEDWATER FLOW TO S/G B	9.106E-03	MLB/HR
15. P1210	AUX EEDWATER FLOW TO S/G C	0.00	MB/HR
16. P1211	AUX FEEDWATER FLOW TO S/G D	0.00	MLB/HR
17. A59	STEAM GEN A NARROW RANGE LEVEL IV	48.63	%
18. A1065	STEAM GEN B NAROW RANGE LEVEL IV	45.52	%
19. A1071	STEAM GEN C NARROW RANGE LEVEL IV	47.95	%
20. A1077	STE GEN D NARROW RANGE LEVEL IV	47.8	%
21. A0736	MAIN STEAM HEADER PRESSU	911.73	PSIG

10/20/93

0929

Group: 15		AIIILIARY/INJECTION SYSTEMS			
1.	D0970	NV PUMP A (HIGH HEAD SI)		ON	
2.	D0620	NV PUMP B (HIGH HEAD SI)		ON	
3.	A0827	BORON INJECTION (HIGH HEA SI) FLOW	624.84		GPM
4.	D74	NI PUMP A (INTERMEDIATE HEAD SI)		ON	
5.	D3576	NI PUMP B (INTEMEDIAE HEAD SI)		ON	
6.	D1042	ND PUMP A (LOW HEAD SI / RHR)		OFF	
7.	D0968	ND PPP B (LOW HEAD SI / RHR)		ON	
8.	A0758	CHARGING PUMP DISCHARGE ADER FLOW	93.27		GPM
9.	A856	(LOW HEAD SI / RHR) ND HX RETURN FLOW	0.00		GPM
10.	A0764	LETDOWN HX OUTET FLOW	0.00		GPM
11.	D0400	REFUELING WATER STORAGE TANK LEVEL		NORMAL	
12.	D0402	REFLLING WATER STORAGE TANK LEVEL		NOT LO	
13.	D0401	REFUELING WATER STORAGE INK LEVEL		NOT EMER LO	

Group: 20		NTAINMENT SYSTEMS			
1.	A0590	NARROW RANGE CONTAIN. PRESS (-1 TO+1)			PSIG
2.	A0785	INTR. RANGE CONTAIN. PRESS (-5 TO 20)	0.100		PSIG
3.	A1047	WIDE RANGE CONTAIN. PRSS (-5 TO 60)			PSIG
4.	228	LOWER CONT AMBIENT AIR TEMP A	98.40		DEG F
5.	A1204	UPPER CONT AMIENT AIR TEMP A	91.48		DEG F
6.	A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00		FT
7.	A0671	CONAINMENT SUMP LEVEL TRAIN B			FT
8.	A0848	CONTAINMENT H2 CONCENTRAION TRAIN A	0.00		%
9.	572	NS PUMP A (CONTAINMENT SPRAY)		FF	
10.	D3573	NS PUMP B (CONTINMENT SPRAY)		OFF	

Group: 25		RADIATION SYSTEMS			
1.	A0115	1EMF48 REACTOR COOLANT NITOR	51924.98		CPM
2.	0829	1EMF51A IN CONTAINMENT HI RANGE RAD MON	1.993E-04		R/HR
3.	A0335	1EMF51B IN COTAINMENT HI RANGE RAD MON	1.993E-04		R/HR
4.	A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00		CPM
5.	A0067	1EF39L CONTAINMENT GAS LO RANGE	28508.4		CPM
6.	A0061	1EMF38H CONTAINMENT PARICULATE HI RANGE	5.00		CPM
7.	0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.62		CPM
8.	A1009	1EMF36HH UNIT VNT GAS HI HI RANGE	4.67		R/HR
9.	A0018	1EMF36H UNIT VENT GAS HI RANGE	31.62		CPM
10.	A0012	1EMF6L UNIT VENT GAS LO RANGE	158.49		CPM
11.	A0019	1EMF35H UNIT VENT PARTIULATE HI RANGE	23.59		CPM
12.	A0013	1EMF35L UNIT VENT PARTICULATE LO RANGE	1183.65		CPM
13.	A0049	1EMF37 UNIT ENT IODINE	476.01		CPM
14.	A0079	1EMF40 CONTAINMENT IODINE	500.19		CPM
15.	A1368	1EF24 STEAMLIN 1A RADIATION MONITOR	0.010		mR/Hr
16.	A1374	1EMF25 STEAMLIN 1B RAAATION MONITOR	0.0110		MR/HR
17.	A1380	1EMF26 STEAMLIN 1C RADIATION MONITOR	0.0110		MR/HR
18.	A1386	1EMF27 STEAMLNE 1D RADIATION MONITOR	0.0110		MR/HR
19.	A0127	EMF49H WASTE LIQUID DISCHARGE HIRANGE			CPM

Group: 30		ENVIRONMTAL SYSTEMS			
1	P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2.	P0848	LOWER WIND PEED (15 MINUTE AVERAGE)			MPH
3.	P0850	LOWER TO UPPER DELTA-T (15 MINUE AVERAGE)			DEG C
4.	P0847	UPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5.	P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
6.	P0595	PRECIPITATION IN LAST 15 MIN			IN
7.	P0851	AMBIENT AITTEMPERATURE(15 MINUTE AVERAGE)			DEGC
8.	A0863	UNIT VENT STACK FLOW	53418.03		FT3/MN

----- IN-COREHERMOCOUPLES -----

Group: 35				
. A0268	IN-CORE TEMP A10	T/C #2	528.05	DEG F
2. A0166	IN-CORE TEP J06	T/C #17	527.51	DEGF
3. A0155	IN-CORE TEMP F01	T/C #43	528.47	DEG F
4. A0251	NN-CORE TEMP M07	T/C #59	52.91	DEG F
5. P0823	5 HIGHEST IN-CORE T/	TEMP MARGIN	-----	DEG F
P0828	5 HIGHEST IN-CORE T/C	TEMP	-----	DEG F
7. A1323	IN-CORE TPP K05	T/C #54	-----	DG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	N-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEM	525.26	DEG F
2. A0971	NLLOOP B WIDE RANGE HOT LEG TEMP	5266	DEG F
3. A0977	NC LOOP C WIDE RANGE T LEG TEMP	525.13	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	525.54	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	437.49	DE F
6. A1067	NC LOOP B WIDE RANGE COLD LEGEMP	347.64	DEG F
7. A1073	NNC LOOP C WIDE RANGE COLD LEG TEMP	3.17	DEG F
8. A1079	NC LOOP D WIDE RANGE OLD LEG TEMP	335.24	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	818.24	PSIG
11. A1124	PZR LEVEL (IHHOT CALIBRATED)	0.00	%
12. D2803	REACTOR COOLANT PUMP A		
13. D280	REACTOR COOLANT PUMP B		OFF
14. D2805	REACTOR COOLANT PUMP C		OFF
. D2806	REACTOR COOLANT PUMP D		OFF
16. A1177	SOURCERANGE (FLUX) LEVEL CHANNEL 1	20.55	CPS
17. A1206	SOURCE RANGE (FLUX) LEVEL CANNEL 2	14.29	CPS
18. A062	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	1.9E-08	%
19. P1385	REACTOR THERMAL WWER, BEST ESTIMATE	0.00	%
20. A0602	CVCS BORON METER (ISOLATED ON Ph. A)	1113.62	PPM
21. A1312	RVLIS - TRAI A - DYNAMIC HEAD D/P	15.96	%
22. A1300	RVLIS - TRAIN A - UPPER RAE LEVEL	72.04	%
23. A13	RVLIS - TRAIN A - LOWER RANGE LEVEL	559.66	%
24. P1481	LOWEST NC SYSTEMSUBCOOLING MARGIN	-18.43	DEG F

----- SECONDARY SYSTEM -----

Group: 10			
1. A1004	STEAM GEN A WIDE RANGE LEVL	59.16	%
2. A105	STEAM GEN B WIDE RANGE LEVEL	58.26	%
3. A0970	STEAM GEN C WIDERANGE LEVEL	58.88	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	58.85	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	938.96	PSIG
6. A1113	STEAM GEN B STEAM (LINE) PESS I	932.80	PSIG
7. A111	STEAM GEN C STEAM (LINE) PRESS I	950.41	PSIG
8. A1125	STEAM GEN D STEM (LINE) PRESS I	949.51	PSIG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	6.135E-03	MLB/HR
10. P1414	TOTASS/G B (MAIN) FEEDWATER FLOW 1	9.092E-03	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWAR FLOW 1	0.00	MLB/HR
12. P18	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
13. P1208	AUX FEEDWATER OOW TO S/G A	6.153E-03	MLB/HR
4. P1209	AUX FEEDWATER FLOW TO S/G B	9.106E-03	MLB/HR
15. P1210	AUX EEDWATER FLOW TO S/G C	0.0	MLB/HR
16. P1211	AUX FEEDWATER FLOW TO S/D	0.00	MLB/HR
17. A059	STEAM GEN A NARROW RANGE LEVEL IV	48.63	%
18. A1065	STEAM GEN B NARRW RANGE LEVEL IV	45.52	%
19. A1071	STEAM GEN C NARROW RANGE LEVEL IV	47.95	%
20. A1077	STE GEN D NARROW RANGE LEVEL IV	47.82	%
21. A0736	MAIN STEAM HEADER PRESSURE	911.73	PSIG

Group: 15 ----- AXILIARY/INJECTION SYSTEMS -----

1. D0970	NV PUMP A (HIGH HEAD SI)	ON		
2. D0620	NVPUMP B (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIGH AAD SI) FLOW		624.84	GPM
4.3574	NI PUMP A (INTERMEDIATE HEAD SI)	ON		
5. D3576	NI PUMP B (INTERMEIATE HEAD SI)	ON		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PP B (LOW HEAD SI / RHR)	ON		
8. A0758	CHARGING PUMP DISCHARG HEADER FLOW		93.27	GPM
9.A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN HX OTLET FLOW		0.00	GPM
11. D0400	REFUELING WATER STORAGE TANK LEV	NORMAL		
12. D0402	REFELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	R^FUELING WATER STORAG TANK LEVEL	NOT EMER LO		

Group: 20 ----- CCONTAINMENT SYSTEMS -----

1. A0590	NARROW RANGE CONTAIN. PRESS (-1 +1)			PSIG
2. A0785	INER. RANGE CONTAIN. PRESS (-5 TO 20)		0.104	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
A1228	LOWER CONT AMBIENT AIR TEMP A		98.40	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A		91.48	DEG F
6. A1041	CONTAINMENT SUMP LEEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUMP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A		0.00	
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10. D357	NS PUMP B (CONTAINMENT SPRAY)	OFF		

roup: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 RACTOR COOLANT MONITOR		51924.98	PPM
2. A0829	1EMF51A IN ^CONTAINMENT HI RNGE RAD MON		1.993E-04	R/HR
3. A0835	11EMF51B IN ^TAINMENT HI RANGE RAD MON		1.993E-04	R/HR
4. A0073	1EMF39H (^AINMENT AS HI RANGE		2.00	CPM
5. A0067	1EMF39L (^AINMENT GAS LO RANGE		28508.04	CPM
6. A0061	1EMF38H CTAINMENT PARTICULATE HI RANGE		5.00	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE		27029.62	CPM
8. A10	1EMF36HH UNIT VENT GAS HI HI RANGE		4.67	R/HR
9. A0018	1EMF36H UNIT VET GAS HI RANGE		31.62	CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE		158.49	CPM
11. A0019	1EMF3H UNIT VENT PARTICULATE HI RANGE		23.59	CPM
12. A0013	1EMF35L UNIT VENT PARTICUTTE LO RANGE		1183.65	CPM
13. A049	1EMF37 UNIT VENT IODINE		476.01	CPM
14. A0079	1EMF40 CONTAINME IODINE		500.19	CPM
15. A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR		0.0110	mR/Hr
16. A1374	1EMF STEAMLINE 1B RADIATION MONITOR		0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATON MONITOR		0.0110	MR/HR
18. A186	1EMF27 STEAMLINE 1D RADIATION MONITOR		0.0110	MR/HR
19. A0127	EMF49H WASTE LUUID DISCHARGE HI RANGE			CPM

Group: 30 ----- ENVIRONMENTAL SYSTEMS -----

1. P0846	UPPER WIND SPEED (5 MINUTE AVERAGE)			MPH
2. 0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LOWER TO UPPE DELTA-T (15 MINUTE AVERAGE)			DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOR WIND DIRECTION (15 MINUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST MIN			IN
7. P0851	AMBIENT AIR TEMPERATURE (15 MINUTE AVERAGE)			DEG C
8. A0863	UNIT VENT STCK FLOW		53418.03	FT3/M

----- IN-CORE THERMOCOUPLES -----

1. A0268	IN-CORE TEMP A10	T/C 2	528.05	DEG F
2. 00166	IN-CORE TEMP J06	T/C #17	527.51	DEG F
3. A0155	IN-CORE TEMPF01	T/C #43	528.47	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	527.91	DEG F
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGIN	---	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A323	IN-CORE TEMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMMM11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	N-CORE TEMP C04	T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	428.52	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	431.81	DEG F
3. A0977	NC LOP C WIDE RANGE HOT LEG TEMP	436.30	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEGTEMP	435.44	DEG F
5. A161	NC LOOP A WIDE RANGE COLD LEG TEMP	335.34	DEG F
6. A1067	NC LOOP B WIDE NNGE COLD LEG TEMP	270.93	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	257.45	DEG F
8. A1079	NC OP D WIDE RANGE COLD LEG TEMP	260.3	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDEANGE PRESS	292.87	PSIG
11. A124	PZR LEVEL I (HOT CALIBRATED)	0.00	%
12. D2803	REACTOR COOLAN PUMP A	OFF	
13. D2804	REACTOR COOLANT PUMP B	OFF	
14. D2805	REATOR COOLANT PUMP C	OFF	
15. D2806	REACTOR COOLANT PUMP D	OFF	
16. 1177	SOURCE RANGE (FLUX) LEVEL CHANNEL 1	11.26	CPS
17. A1206	SOJRCE RANGE (UX) LEVEL CHANNEL 2	13.77	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRANT 1 -43)	1.130E-08	%
19. P1385	RECTOR THERMAL POWER, BEST ESTIMATE	0.00	%
20. A0602	CVCS BORON METER (ISOLAED ON Ph. A)	1159.58	PPM
21. A132	RVLIS - TRAIN A - DYNAMIC HEAD D/P	13.47	%
22. A1300	RVLIS - TRAINA - UPPER RANGE LEVEL	70.49	%
23. A1306	RVLIS - TRAIN A - LOWER RANGE LEVL	62.30	%
24. P1481	LOEST NC SYSTEM SUBCOOLING MARGIN	-36.8	DEG F

----- SECONDARY SYSTEM -----

Group: 10			
1. A1004	STEAM GEN A IDE RANGE LEVEL	59.23	%
2. A1005	STEAM GEN B WIDE RANGE LEVEL	58.35	%
3. A0970	STEM GEN C WIDE RANGE LEVL	5889	%
4. A0988	STEAM GEN D WIDE RANGE LELL	58.86	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	934.04	PSIG
6. A1113	STEAM GEN B EAM (LINE) PRESS I	928.36	PSIG
7. A1119	STEAM GEN C STEAM (LINE) PRESS	948.83	PSIG
8. A1125	TEAM GEN D STEAM (LINE) PRESS I	94.10	PSIG
9. P1412	TOTAL S/G A (MAIN) FEDWATER FLOW 1	0.00	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.00	MLBHR
12. P1418	TOTAL S/G D (MAIN) FEEDWATER FLW 1	0.00	MLB/HR
13. P1208	UX FEEDWATER FLOW TO S/G A	000	MLB/HR
14. P1209	AUX FEEDWATER FLOW T S/G B	0.00	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO S/G C	0.00	MLB/HR
16. P1211	AUX FEEDWAER FLOW TO S/G D	0.00	MLHHR
17. A1059	STEAM GEN A NARROW RANGE LEVEL IV	48.73	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	5.64	%
19. A1071	STEAM GEN C NARROW RGGE LEVEL IV	47.94	%
20AA1077	STEAM GEN D NARROW RANGE LEVEL IV	47.81	%
21. A0736	MAIN STEAMHEADER PRESSURE	840.82	PSG

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----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15				
1. DO970	NV PUMP A (HIGH HEAD S)	OFF		
2. DO620	NV PUMP B (HIGH HEAD SI)	ON		
3. AO827	BORON INJTION (HIGH HEAD SI) FLOW		421.25	GP
4. D3574	NI PUMP A (INTERMEDIATE HEAD S)	OFF		
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF		
6. D1042	ND PUMP A (LOW HEAD I / RHR)	OFF		
. DO968	ND PUMP B (LOW HEAD SI / RHR)	ON		
8. AO758	CHARGING PUMP DISCHARGE HEAD FLOW		63.44	GP
9. AO856	(LOW HEAD SI / RHR) ND HX RETUN FLOW		0.00	GPM
10. AO764	LETDOWN HX OUTLET FLOW		0.00	GPM
11. DO400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
2. DO402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. DO401	REFUELING WTER STORAGE TANK LEVEL	NOT EMER LO		

----- CONTAINMENT SYSTEMS -----

Group: 20				
1. AO590	NARROW RANGE CONTAI. PRESS (-1 TO +1)			PSIG
2. A885	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	-2.960E-03		PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4. A1228	LOWER CON AMBIENT AJ. TEMP A		94.55	EG F
5. A1204	UPPER CONT AMBIENT AIR TEMP		87.66	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. AO671	CONTAINMENT SUB VEL TRAIN B			FT
8. AO848	CONTAINMENT H2 C. ENTRATION TRAIN A		0.00	%
9. D3572	NS PUMP (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMENT SPRA)	OFF		

----- RADTION SYSTEMS -----

Group: 25				
1. AO115	1EMP48 REACTOR COOLANT MONITOR		51924.98	CPM
2. AO829	1EMP5A IN CONTAINMENT HI RANGE RAD MON		2.002E-04	R/HR
3. AO835	1EMP51B IN CONTAINMENT HI ANGE RAD MON		2.002E-04	R/HR
4. AO073	1EMP39H CONTAINMENT GAS HI RANGE		2.00	CPM
5. AO067	1EMP39L CONTAINMT GAS LO RANGE		28508.04	CPM
6. AO061	1EMP38H CONTAINMENT PARTICULATE HI ANGE		5.00	CPM
7. AO055	1EMP8L CONTAINMENT PARTICULATE LO RANGE		27029.62	CPM
8. A1009	1EMP36HH UNIT VENT GAS HIHI RANGE		4.44	R/HR
9. A18	1EMP36H UNIT VENT GAS HI RANGE		31.62	CPM
10. AO012	1EMP36L UNIT VENTGAS LO RANGE		158.49	CPM
11. AO019	1EMP35H UNIT VENT PARTICULATE HI RANE		22.37	CPM
12. AO013	1EMP35L NIT VENT PARTICULATE LO RANGE		889.7	CPM
13. AO049	1EMP37 UNIT VENT IODINE		445.39	CPM
14. AO79	1EMP40 CONTAINMENT IODINE		500.19	CPM
15. A1368	1EMP24 STEAMLNE 1A RADIATION MONITOR		0.0110	mR/Hr
16. A1374	1EMP25 STEAMLNE 1B RADIATION MONIT		0.0110	MR/HR
17. A1380	1EM26 STEAMLNE 1C RADIATION MONITOR		0.010	MR/HR
18. A1386	1EMP27 STEAMLNE 1D RADTION MONITOR		0.0110	MR/HR
19. O127	EMP49H WASTE LIQUID DISCHARGE HI RANGE			CPM

----- ENVIRONMENTAL SYSTEM -----

Group: 30				
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED 5 MINUTE AVERAGE)			MPH
3. O850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)			DEG C
4. P0847	UPPER WIND DEECTION (15 MINUTE AVERAGE)			DEG
5. P0849	LOWER WIND DIRECTION (15 MINUTE AERAGE)			DEG
6. P0595	PRCIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERATURE(5 MINUTE AVERAGE)			DEG C

BA0863 UNIT VENT STACK FLOW

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53418.03 FT3/MN

----- IN-CORE THERMOCOUPES -----

Group: 35				
1. A0268	I-CORE TEMP A10	T/C #2	43.64	DEG F
2. A0166	IN-CORE TEMP J06	T/C#17	439.14	DEG F
3. 0155	IN-CORE TEMP F01	T/C #43	439.95	DEG F
4. A0251	IN-CORE TE M07	T/C #59	439.31	DEGF
5. P0823	5 HIGHEST IN-CORE	T/C TEMP MARGN	-----	DEG F
6. P0828	5 IGHEST IN-CORE	T/C TEMP	----	DEG F
7. A1323	IN-CORE TEMP K05	T/#54	-----	DEG F
. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEP D13	T/C #42	-----	DEGF
10. A1161	IN-CORE TEMP C04	T/C #3	-----	DEG F

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10:15

Group: 05		PRIMARY SYSTEM	
1.	A0965	NC OP A WIDE RANGE HOT LEG TEMP	556.1 DEG F
2.	A0971	NC LOOP B WIDE RANGE HOTLEG TEMP	556.00 DEG F
3.	A977	NC LOOP C WIDE RANGE HOT LEG TEMP	556.06 DEG F
4.	A0983	NC LOOP D WIDERANGE HOT LEG TEMP	556.03 DEG F
.	A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	545.16 DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	537.6 DEG F
7.	A1073	NC LOOP C WIDE RANGE COL LEG TEMP	536.38 DEG F
8.	0079	NC LOOP D WIDE RANGE COLD LEG TEMP	537.00 DEG F
9.	A0826	NC SYSTEM (HO LEG) WIDE RANGE PRESS	1073.60 PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	0.00 %
12.	D2803	REATOR COOLANT PUMP A	OFF
13.	D2804	REACTOR COOLANT PUMP B	OFF
14.	2805	REACTOR COOLANT PUMP C	FF
15.	D2806	REACTOR COOLANT UMP D	OFF
16.	A1177	SOURCE RANGE (FLUX) LEVEL CHANNEL	31.61 CPS
17.	A1206	SOUCE RANGE (FLUX) LEVEL CHANNEL 2	32.8 CPS
18.	A0628	POWER RANGE AVG LEVEL QADRANT 1 (N-43)	3.286E-08 %
19.	1385	REACTOR THERMAL POWER, BEST ESTIMATE	-0.3993 %
20.	A0602	CVCS BORON MTER (ISOLATED ON Ph. A)	1064.33 PPM
21.	A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/	18.08 %
22.	A1300	RVSS - TRAIN A - UPPER RANGE LEVEL	939 %
23.	A1306	RVLIS - TRAIN A - LOWERRANGE LEVEL	61.47 %
24.	1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	-14.91 DEG F

Group: 10		SECONDARY SYSTEM	
1.	AJ004	SEAM GEN A WIDE RANGE LEVEL	5555 %
2.	A1005	STEAM GEN B WIDE RANGE LEVL	54.16 %
3.	A0970	STEAM GEN C WIDE RANGE LEVEL	55.51 %
4.	A0988	STEAM GEN D IDE RANGE LEVEL	55.51 %
5.	A1107	STEAM GEN A STEAM (LINE) PRESS I	1075.11 PSIG
6.	A1113	STEA GEN B STEAM (LINE) PRESS I	106.33 PSIG
7.	A1119	STEAM GEN C STEAM (LNE) PRESS I	1079.86 PSIG
.	A1125	STEAM GEN D STEAM (LINE) PRESS I	1079.86 PSIG
9.	P1412	TOTAL S/GA (MAIN) FEEDWATER FLOW 1	0.1194 ML/HR
10.	P1414	TOTAL S/G B (MAIN) FEEDWATER FOW 1	0.1194 MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	11194 MLB/HR
12.	P1418	TOTAL S/G D (MAIN) EDWATER FLOW 1	0.1194 MLB/HR
3.	P1208	AUX FEEDWATER FLOW TO S/G A	0.1197 MLB/HR
14.	P1209	AUX FEEDWTER FLOW TO S/G B	0.1197 ML/HR
15.	P1210	AUX FEEDWATER FLOW TO S/G C	0.1197 MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	.1197 MLB/HR
17.	A1059	STEAM GEN A NARROW ANGE LEVEL IV	40.30 %
18.	A1065	STEAM GEN B NARROW RANGE LEVEL IV	36.16 %
19.	A1071	STEAM GEC NARROW RANGE LEVEL IV	40.50 %
20.	A1077	STEAM GEN D NARROW RANGE LEVEIV	40.55 %
21.	A0736	MAIN STEAM HEADER PRESSURE	168.33 PSIG

Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----

1. D0970	NV PUMP (HIGH HEAD SI)	ON		
2. D0620	NV PUMP B (HIGH HEAD SI)	ON		
3. A0827	BORON INJECTION (HIGH HEAD SI) FLOW		885.47	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	ON		
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	ON		
6. D1042	ND PUMAA (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD SI / RH)	ON		
8. A075	CHARGING PUMP DISCHARGE HEADER FLOW		.62	GPM
9. A0856	(LOW HEAD SI / R) ND HX RETURN FLOW		0.00	GPM
10. A0764	LETDOWN HX OUTLET FLOW		0.00	GPM
11. D0400	REFUELNG WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TA LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TANK LEVEL	NOTEMER LO		

Group: 20 ----- CONTAINMENT SYSTEMS -----

1. A0590	NARRO RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANGE CONTAIN. PRES (-5 TO 20)		0.0468	PSIG
3. A147	WIDE RANGE CONTAIN. PRESS (-5 TO 60)			PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A		102.59	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A		36.49	DEG F
6. A1041	CONTINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUMP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT H2OCONCENTRATION TRAIN A		0.00	%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	N PUMP B (CONTAINMENT SPRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 REACOR COOLANT MONITOR		51924.98	CPM
2. A0829	1EMF51A IN CONTAINMENT HI RANGEAD MON		2.002E-04	R/HR
3. A0835	MMF51B IN CONTAINMENT HI RANGE RAD MON		2.002-04	R/HR
4. A0073	1EMF39H CONTAINMENT GASII RANGE		2.00	CPM
5A0067	1EMF39L CONTAINMENT GAS LO RANGE		28508.04	CPM
6. A0061	1EMF38H COAINMENT PARTICULATE HI RANGE		5.00	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATEOO RANGE		27029.62	CPM
8. A1009	EMF36HH UNIT VENT GAS HI HI RANGE		4.55	R/HR
9. A0018	1EMF36H UNIT VENT GAHHI RANGE		31.62	CPM
1 A0012	1EMF36L UNIT VENT GAS LO RANGE		158.49	CPM
11. A0019	1EMF35H UNT VENT PARTICULATE HI RANGE		22.96	CP
12. A0013	1EMF35L UNIT VENT PARTICULATE RANGE		1031.52	CPM
13. A0049	1EM37 UNIT VENT IODINE		40.16	CPM
14. A0079	1EMF40 CONTAINMENT IODI		500.19	CPM
1. A1368	1EMF24 STEAMLIN 1A RADIATION MONITOR		0.0110	mR/Hr
16. A1374	1EMF25 STAMLIN 1B RADIATION MONITOR		0.0110	MHR
17. A1380	1EMF26 STEAMLIN 1C RADIATIONMONITOR		0.0110	MR/HR
18. A1386	1EMF27 STEAMLIN 1D RADIATION MONITOR		.0110	MR/HR
19. A0127	EMF49H WASTE LIQUIDISCHARGE HI RANGE		-----	CPM

Group: 30 ----- ENVIRONMENTAL SYSTEMS -----

1. P0846	UPPER WIND SPEED (15 MIUTE AVERAGE)		-----	MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)		-----	MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)		-----	DEG C
. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAE)		-----	DEG
5. P0849	LOWER WID DIRECTION (15 MINUTE AVERAGE)		-----	G
6. P0595	PRECIPITATION IN LAST 15 MIN		-----	IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAGE)		-----	DEG C
8. A0863	UNIT VENT STACK FLW		53418.03	FT3/MN

----- IN-CORE THERMOCOUPLES -----

Group: 35			
1. A0268	IN-CORE TEMP A10 T/C #2	554.52	DEG F
2. A016	IN-CORE TEMP J06 T/C #17	554.05	DEG F
3. A0155	IN-CORE TEMP F01T/C #43	554.92	DEG F
4. A0251	IN-CORE TEMP M07 T/C #59	554.15	DEG F
5. P0823	5 HIGHEST IN-CORE T/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7. A133	IN-CORE TEMP K05 T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13 T/C #42	-----	DEG F
10. A1161	IN-COREEMP C04 T/C #3	-----	EG F

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70:30

Group: 05 ----- PRIMARY SYSTEM -----

1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	248.52	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	248.33	DEG F
3. A0977	NC LOOP C WIE RANGE HOT LEG TEMP	248.56	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	248.52	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD LEG TEMP	265.4	DEG F
6. A1067	NC LOOP B WIDE RANGE COD LEG TEMP	255.16	DEG F
7. A1073	NC LOOP C WIDE RANGE COLD LEG TEMP	25.79	DEG F
8. A1079	NC LOOP D WE RANGE COLD LEG TEMP	207.89	DEG
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PSSS	169.24	PSIG
11. A1124	PZ LEVEL I (HOT CALIBRATED)	10000	%
12. D2803	REACTOR COOLANT PUMP A		OFF
13D2804	REACTOR COOLANT PUMP B		OFF
14. D2805	REACTOR COONT PUMP C		OFF
15. D2806	REACTOR COOLANT PUMP D		OFF
16. A1177	SURCE RANGE (FLUX) LEVEL CHANNEL 1	9.18	CP
17. A1206	SOURCE RANGE (FLUX) LEL CHANNEL 2	10.62	CPS
18 A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	8.669E-09	%
19. P1385	REACTOR THMAL POWER, BEST ESTIMATE	0.00	%
20. A0602	JVCS BORON METER (ISOLATED ON Ph. A)	708.15	PPM
21. A1312	RVLI- TRAIN A - DYNAMIC HEAD D/P	.98	%
22. A1300	RVLIS - TRAIN A - UBER RANGE LEVEL	95.08	%
3. A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%
24. P1481	LOWEST NCSYSTEM SUBCOOLING MARGIN	92.93	D F

Group: 10 ----- SECONDARY SYSTEM -----

1. A1004	STEAM GEN A WIDE RANGE LEVEL	58.04	%
. A1005	STEAM GEN B WIDE RANGE LEVEL	57.03	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	58.02	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	58.13	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	41.10	PSIG
6. A1113	STEAM GEN B STEAM (LE) PRESS I	837.40	PSIG
A1119	STEAM GEN C STEAM (LINE) PRESS I	857.11	PSIG
8. A1125	STEAM GEND STEAM (LINE) PRESS I	838.05	PIG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER LOW 1	0.00	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
2. P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
13. P1208	AUX FEEDATER FLOW TO S/G A	0.00	MB/HR
14. P1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR
15. '10	AUX FEEDWATER FLOW TO S/G C	0.00	MLB/HR
16. .	AUX FEEDWATER FLOWTO S/G D	0.00	MLB/HR
7. A.	STEAM GEN A NARROW RANGE LEVEL IV	42.49	%
18. A1065	STEAM G B NARROW RANGE LEVEL IV	39.03	%
19. A1071	STEAM GEN C NARROW RANGE LEVEL	42.78	%
20. A107	STEAM GEN D NARROW RANGE LEVEL IV	42.67	%
?1. A0736	MAIN STEAM HEADER PESSURE	780.73	PSIG

----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15			
1. D0970	NV PUMP A (HIGH HEAD SI)	ON	
2. D062	NV PUMP B (HIGH HEAD SI)	OFF	
3. A0827	BORON INJECTION HIGH HEAD SI) FLOW		433.49 GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D098	ND PUMP B (LOW HEAD SI / RHR)	ON	
8. A0758	CHARGING PUMP DCHARGE HEADER FLOW		63.68 GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLO		0.00 GPM
10. A0764	LETDON HX OUTLET FLOW		0.00 GPM
11. D0400	REFUELING WATER STORAGE TK LEVEL	NORMAL	
12. D02	REFUELING WATER STORAGE TANK LEVEL	NOT O	
13. D0401	REFUELING WATER STORAGE TANK LEVEL	NOT EMER LO	

----- CONTAINMENT SYSTEMS -----

Group: 20			
1. A0590	NARROW RANGE CONTAIN. RESS (-1 TO +1)		PSIG
2. 785	INTER. RANGE CONTAIN. PRESS (-5 TO 20)	-0.1849	PSIG
3. A107	WIDE RANGE CONTAIN. PRESS (-5 TO 60)		PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A	88.14	DEG F
5. A1204	UPPER CONT AMBIENT AIR TEMP A	80.41	DEG F
6. A1041	CONTANMENT SUMP LEVEL TRAIN A	0.00	FT
7. A0671	CONTAINMENT SUMP LEVEL TRAN B		FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00	%
9. D3572	NS PUMP A (CONTINMENT SPRAY)	OFF	
10. D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF	

----- RADIATION SYSTEMS -----

Group: 25			
1. A015	1EMF48 REACTOR COOLANT MONITOR	51924.98	CPM
2. A0829	1EMF51A IN CONAINMENT HI RANGE RAD MON	2.021E-04	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	2.021E-04	R/HR
4. A0073	1EMF9H CONTAINMENT GAS HI RANGE	2.0	CPM
5. A0067	1EMF39L CONTAINMENT GAS L RANGE	28507.98	CPM
6. A061	1EMF38U CONTAINMENT PARTICULATE HI RANGE	5.00	CPM
7. A0055	1EMF38L CONTAMENT PARTICULATE LO RANGE	27029.62	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.95	R/HR
9. A0018	1EM66H UNIT VENT GAS HI RANGE	16.4	CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE	1.140E+09	CPM
11. 019	1EMF35H UNIT VENT PARTICULATE HI RANGE	25.13	CPM
12. A0013	1EMF35L UNIT ENT PARTICULATE LO RANGE	1554.24	CPM
13. A0049	1EMF37 UNIT VENT IODINE	514.61	CPM
14. A0079	1EM40 CONTAINMENT IODINE	500.	CPM
15. A1368	1EMF24 STEAMLNE 1A RADATION MONITOR	0.0110	mR/Hr
16. 1374	1EMF25 STEAMLNE 1B RADIATION MONITOR	0.0110	MR/HR
17. A1380	1EMF26 STEAMLNE 1C RADIATION MONITOR	0.0110	MR/HR
18. A1386	1EMF27 STEAMLNE 1D RADIATION MONOR	0.0110	MR/HR
19. A0127	EM99H WASTE LIQUID DISCHARGE HI RANGE	----	CPM

----- ENVIRONMENTAL SYSTEMS -----

Group: 30			
1. P0846	UPPER WIND SPDD (15 MINUTE AVERAGE)	----	MPH
2. P0848	LOWER WIND SPEED (15 MINUT AVERAGE)	----	MPH
3. P0850	LWER TO UPPER DELTA-T (15 MINUTE AVERAGE)	----	DEG C
4. P0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	----	DEG
5 P0849	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	----	DEG
6. P0595	PRECIPITATIN IN LAST 15 MIN	----	IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTEVERAGE)	----	DEG C
8. A0863	UIT VENT STACK FLOW	534103	FT3/MN

Group	35	-----	IN-CORE THERMOCOUPLES	-----	
1.	A0268		IN-CORE TEMP A0 T/C #2	282.75	DEG F
2.	A0166		IN-CORE TEMP J06 T/C #17	282.20	DEG F
3.	A0155		N-CORE TEMP F01 T/C #43	283.02	DEG
4.	A0251		IN-CORE TEMP M07 T/C #59	282.34	DEG F
5.	P0823		5 HIGHST IN-CORE T/C TEMP MARGIN	-----	DEG F
6.	P0828		5 HIGHEST IN-CORE T/TTEMP	-----	DEG F
7.	A1323		IN-CORE TEMP O5 T/C #54	-----	DEG F
8.	A1341		IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287		INCORE TEMP D13 T/C #42	----	DEG F
10.	A1161		IN-CORE TEMP C04 T/C #3	-----	DEG F

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----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	252.03	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	253.59	DEG F
3. A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	252.99	DEG F
4. A0983	NC LOP D WIDE RANGE HOT LEG TEMP	253.14	DEG F
5. A1061	NC LOOP A WIDE RANGE COLD EG TEMP	233.93	DEG F
6. A177	NC LOOP B WIDE RANGE COLD LEG TEMP	256.63	DEG F
7. A1073	NC LOOP C WIDE NNGE COLD LEG TEMP	215.27	DEG F
8. A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	212.29	DEG F
9. A0826	NC STEM (HOT LEG) WIDE RANGE PRESS	192.16	PSIG
11. A1124	PZR LEVEL I (HOT CALIBRAT)	100.00	%
12. D233	REACTOR COOLANT PUMP A		OF
13. D2804	REACTOR COOLANT UMP B		OFF
14. D2805	REACTOR COOLANT PUMP C		OFF
15. D2806	REACOR COOLANT PUMP D		OFF
16. A1177	SOURCE RANGE (FLUX) LEVECCHANNEL 1	5.53	CPS
17. A006	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	5.54	CPS
18. A0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	8.608E-09	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE	0.00	%
20. A0602	CVCBBORON METER (ISOLATED ON Ph. A)	710.3	PPM
21. A1312	RVLIS - TRAIN A - DYNAMIC HEAD D/P	7.05	%
22. A13	RVLIS - TRAIN A - UPPER RANGE LEVEL	96.78	%
23. A1306	RVLIS - TRAIN - LOWER RANGE LEVEL	64.01	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	100.25	DEG F

----- SECONDARY SYST -----

Group: 10			
1. A104	STEAM GEN A WIDE RANGE LEVEL	58.34	%
2. A1005	STEAM GEN B WDE RANGE LEVEL	57.29	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	58.33	%
4. A0988	STM GEN D WIDE RANGE LEVEL	58.3	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	793.29	PSIG
6. 1113	STEAM GEN B STEAM (LINE) PRESS I	785.72	PSIG
7. A1119	STEAM GEN C TEAM (LINE) PRESS I	807.43	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I	790.46	PSIG
9. P1412	TOAL S/G A (MAIN) FEEDWATER FLOW 1	00	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
11. P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
12. P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.00	MLB/
13. P1208	AUX FEEDWATER FLOW TO S/G A	0.00	MLB/HR
14. P1209	AUX EEDWATER FLOW TO S/G B	00	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO//G C	0.00	MLB/HR
16. P1211	AUX FEEDWATER FLOW TO S/G D	0.00	MLB/HR
17. A1059	STEAM GEN A NARRW RANGE LEVEL IV	42.30	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	38.59	%
19. A1071	STAM GEN C NARROW RANGE LEVEL IV	4.60	%
20. A1077	STEAM GEN D NARROW RAGE LEVEL IV	42.50	%
21. A0736	MAIN STEAM HEADER PRESSURE	710.08	PSIG

----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15				
1. D0970	N PUMP A (HIGH HEAD SI)	ON		
2. D0620	NV PUMP B (HIGH HEAD SI)	OFF		
3. A027	BORON INJECTION (HIGH HEAD SI) FLOW		443.33	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF		
6. D1042	PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD I / RHR)	ON		
8. A0758	CHARGNG PUMP DISCHARGE HEADER FLOW		49.6	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX ETURN FLOW		0.00	GPM
10. A764	LETDOWN HX OUTLET FLOW		0.00	GPM
11. D0400	REFUELING WATE STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFLING WATER STORAGE TANK LEVEL	NOT EMER LO		

----- CONTAINMENT SYSTEMS -----

Group: 20				
1. A0590	NARROW RANGE NNTAIN. PRESS (-1 TO +1)		-----	PSIG
2. A0785	INTER. RANGE CONTAIN. PRESS (-5 TO20)		-0.2167	PSIG
3. A1047	WID RANGE CONTAIN. PRESS (-5 TO 60)		-----	PSIG
4. A1228	LOWER CONT AMBIENT AIR MMP A		87.54	DEG F
5. 204	UPPER CONT AMBIENT AIR TEMP A		78.81	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A		0.00	FT
7. A0671	CONTAINMENT SUMP LEVEL TRAIN B		-----	FT
8. A0848	COTAINMENT H2 CONCENTRATION TRAIN A		0.00	%
9. D3572	NS PUMP A (CONTAINMENT PRAY)	OFF		
10. 573	NS PUMP B (CONTAINMENT SPRAY)	FF		

----- RADIATION SYSTEMS -----

Group: 25				
1. A0115	1F48 REACTOR COOLANT MONITOR		519248	CPM
2. A0829	1EMF51A IN CONTAINMENTHI RANGE RAD MON		2.021E-04	R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON		2.021E-04	R/HR
4. A0073	1EMF39H CONTNNMENT GAS HI RANGE		2.00	CPM
5. A0067	1EMF39L CONTAINMENT GAS LO RANGE		28507.98	CPM
6. A0061	1MF38H CONTAINMENT PARTICULATE HI RANGE		5.0	CPM
7. A0055	1EMF38L CONTAINMENT PARICULATE LO RANGE		27029.62	CPM
8. 1009	1EMF36HH UNIT VENT GAS HI HI RANGE		4.98	R/HR
9. A0018	1EMF36H UNI VENT GAS HI RANGE		16.60	CPM
10. A0012	1EMF36L UNIT VENT GAS LO RANGE		1.172E+09	CPM
11. A0019	MMF35H UNIT VENT PARTICULATE HI RANGE		258	CPM
12. A0013	1EMF35L UNIT VENT PARICULATE LO RANGE		1589.17	CPM
13. A0049	1EMF37 UNIT VENT IODINE		518.25	CPM
14. A0079	1EMF40 CONTINMENT IODINE		500.19	CPM
15. A1368	1EMF24 STEAMLIN 1A RADIATION MOITOR		0.0110	mR/Hr
16. A1374	EMF25 STEAMLIN 1B RADIATION MONITOR		0.010	MR/HR
17. A1380	1EMF26 STEAMLIN 1C RADATION MONITOR		0.0110	MR/HR
18. A1386	1EMF27 STEAMLIN 1D RADIATION MONITOR		0.0110	MR/HR
19. A0127	EMF49H WAS LIQUID DISCHARGE HI RANGE		-----	CPM

----- ENVIRONMENTAL SYSTEMS -----

Group: 30				
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)		-----	MPH
P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)		-----	MPH
3. P0850	LOWER TO UPER DELTA-T (15 MINUTE AVERAGE)		-----	DEG C
4. P0847	UPPER WIND DIRECTION (15 MINTE AVERAGE)		-----	DEG
5. P0849	LWER WIND DIRECTION (15 MINUTE AVERAGE)		-----	DEG
6. P0595	PRECIPITATION IN LAST 15 MIN		-----	IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAG		-----	DEG C
8. A0863	UNIT VENT STACK FLOW		53418.03	FT/MN

Date: 10/20/93

Time: 10:45

----- IN-CORE THERMOCOUPLES -----

Group: 35			
1. A0268	IN-CORE TEMP A10 T/C #2	253.22	DEG F
2. A0166	-CORE TEMP J06 T/C #17	252.5	DEG F
3. A0155	IN-CORE TEMP F01 T/C #	253.59	DEG F
4. A0251	IN-CORE TEMP M07 T/C #59	252.84	DEG F
5. P0823	5 HIGHEST -CORE T/C TEMP MARGIN	-----	DEG
6. P0828	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7. A1323	N-CORE TEMP K05 T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11 T/C#60	-----	DEG F
9. A1287	IN-CORE TEMP D13 T/C #42	-----	DEG F
10. A1161	IN-CORE TE C04 T/C #3	-----	DEG


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Group: 05      PRIMARY SYSTEM      -----
1. A0965  NC LOOP A WIDE RANGE HOT LEG TEMP          243.33  DEG F
2. A0971  NC LOOP WIDE RANGE HOT LEG TEMP            243.38  DEG F
3. A0977  NC LOOP C WIDE RANGE HOT LE TEMP          243.38  DEG F
4. A098   NC LOOP D WIDE RANGE HOT LEG TEMP        2243.25  DEG F
5. A1061  NC LOOP A WIDE RAE COLD LEG TEMP          232.22  DEG F
6. A1067  NC LOOP B WIDE RANGE COLD LEG TEMP        242.80  DEG F
7. A1073  NC LOOC WIDE RANGE COLD LEG TEMP          208.30  DEG F
8. A1079  NC LOOP D WIDE RANGE COLD LG TEMP         212.95  DEG F
9. A08    NC SYSTEM (HOT LEG) WIDE RANGE PRESS      189.94  PSIG
11. A1124 PZR LEVEL I (HOTCALIBRATED)                100.00  %
12. D2803 REACTOR COOLANT PUMP A                     OFF
13. D2804 REACTO COOLANT PUMP B                     OFF
14. D2805 REACTOR COOLANT PUMP C                     OFF
15. D286  REACTOR COOLANT PUMP D                     OFF
16. A1177 SOURCE RANGE (FLX) LEVEL CHANNEL 1          7.87  CPS
17. A1206 SOURCE RANGE (FLUX) LEVEL CHANNEL 2          7.10  CPS
18. A0628 POWERAANGE AVG LEVEL QUADRANT 1 (N-43)    8.399E-09 %
19. P1385 REACTOR THERMAL POWER, BESESTIMATE          0.00  %
20. A062  CVCS BORON METER (ISOLATED ON Ph. A)       712.59  PPM
21. A1312 RVLIS - TRAIN - DYNAMIC HEAD D/P           6.86  %
22. A1300 RVLIS - TRAIN A - UPPER RANGE LEVEL        96.82  %
23. A1306 RVLI - TRAIN A - LOWER RANGE LEVEL         64.00  %
24. P1481 LOWEST NC SYSTEM SUBCOOLIG MARGIN       110.16  DEG F
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Group: 10     SOONDARY SYSTEM      -----
1. A1004  STEAM GEN A WIDE RANGE LEVEL                58.58  %
2. A1005  STEA GEN B WIDE RANGE LEVEL                 57.47  %
3. A0970  STEAM GEN C WIDE RANGE LEEEL                58.61  %
4. A988   STEAM GEN D WIDE RANGE LEVEL                 58.57  %
5. A1107  STEAM GEN A STAM (LINE) PRESS I            757.18  PSIG
6. A1113  STEAM GEN B STEAM (LINE) PRESS I           756.83  PSIG
7. A1119  STE GEN C STEAM (LINE) PRESS I             764.9  PSIC
8. A1125  STEAM GEN D STEAM (LINE)PRESS I            774.66  PSIG
9. P12    TOTAL S/G A (MAIN) FEEDWATER FLOW 1      0.00  MLB/HR
10. P1414 TOTAL S/G B (MAI) FEEDWATER FLOW 1    0.00  MLB/HR
11. P1416 TOTAL S/G C (MAIN) FEEDWATER FLOW    0.00  MLB/HR
12. P1418 TOTL S/G D (MAIN) FEEDWATER FLOW 1  0.0  MLB/HR
13. P1208 AUX FEEDWATER FLOW TO S/G A              0.00  MLB/HR
14. 209   AUX FEEDWATER FLOW TO S/G B            0.00  MLB/HR
15. P1210 AUX FEEDWATER LOW TO S/G C                0.00  MLB/R
16. P1211 AUX FEEDWATER FLOW TO S/G D            0.00  MLB/HR
17. A1059 STEAM GEN A NARROW RANGE LEVEL IV         4.17  %
18. A1065 STEAM GEN B NARROW RNGE LEVEL IV          38.44  %
1  A1071  STEAM GEN C NARROW RANGE LEVEL IV         42.44  %
20. A1077 STEAM GEN NARROW RANGE LEVEL IV         42.57  %
21. A0736 MAIN STEAM HEADER PRESSURE           640.97  PSIG
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Group: 15 ----- AUXILIARY INJECTION SYSTEMS -----

1. D0970	NV PUMP A (HIGH HEAD SI)	ON		
2. D0620	NV PUMP B (HGH HEAD SI)	OFF		
3. A0827	BORON INJECTION (HIGH HEAD SI) FOW		453.79	GPM
4. D3574	N PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B (INTERMEDIATE EAD SI)	OFF		
6DD1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEA SI / RHR)	ON		
8. A0758	CHARGING PUMP DISCHARGE HEADER FOW		36.28	GPM
9. A0856	(OW HEAD SI / RHR) ND HX RETURN FLOW		00	GPM
10. A0764	LETDOWN HX OUTLET FLO		0.00	GPM
11 D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WTER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TANK LEE	NOT EMER LO		

Group: 20 ----- CONTAINNT SYSTEMS -----

. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RANE CONTAIN. PRESS (-5 TO 0)		-0.2328	PSI
3. A1047	WIDE RANGE CONTAIN. PRESS (-TO 60)			PSIG
4. A1228	OWER CONT AMBIENT AIR TEMP A		.08	DEG F
5. A1204	UPER CONT AMBIENT AIR TEMP A		78.7	DEG F
6. A1041	CONTAINMENT SUMP LEVEL RAIN A		0.00	FT
7.0671	CONTAINMENT SUMP LEVEL TRAIN B			FT
8. A0848	CONTAINMENT2 CONCENTRATION TRAIN A		0.00	%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	S PUMP B (CONTAINMENT SPRAY)	OFF		

Group: 25 ----- RADIATION SYSTEMS -----

1. A0115	1EMF48 REATOR COOLANT MONITOR		51924.98	CPM
2. A0829	1EMF51A IN CONTAINMENT HI RANGERAD MON		2.031E-04	R/HR
3. A0835	EMF51B IN CONTAINMENT HI RANGE RAD MON		2.03E-04	R/HR
4. A0073	1EMF39H CONTAINMENT G HI RANGE		2.00	CPM
. A0067	1EMF39L CONTAINMENT GAS LO RANGE		28507.98	CPM
6. A0061	1EMF38H CTTAINMENT PARTICULATE HI RANGE		5.00	CFM
7. A0055	1EMF38L CONTAINMENT PARTICULAT LO RANGE		27029.62	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE		496	R/HR
9. A0018	1EMF36H UNIT VENT GA HI RANGE		16.50	CPM
.. A0012	1EMF36L UNIT VENT GAS LO RANGE		1.151E+09	CPM
11. A0019	1EMF35H UNI VENT PARTICULATE HI RANGE		25.18	CP
12. A0013	1EMF35L UNIT VENT PARTICULATE O RANGE		1565.81	CPM
13. A0049	1EMF37 UNIT VENT IODE		515.81	CPM
1 A0079	1EMF40 CONTAINMENT IODINE		500.19	CPM
15. A1368	1EMF24 STEMLINE 1A RADIATION MONITOR		0.0110	mRr
16. A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR		0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR		0110	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR		0.0110	MR/HR
9. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM

Group: 30 ----- ENVIRONMENTAL STTEMS -----

1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAGE)			DEG C
4. P0847	UPPER WDD DIRECTION (15 MINUTE AVERAGE)			GG
5. P0849	LOWER WIND DIRECTION (15 MNUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERURE(15 MINUTE AVERAGE)			DEG C
8. A0863	UNIT VENT STACK FLOW		53418.03	FT3/MN

Group: 35	-----	IN-CORE THERMOCUPLES	-----	
1.	A026	IN-CORE TEMP A10 T/C #2	247.57	DEG F
2.	A0166	IN-CORE TEMP J06 /C #17	247.08	DEG F
3.	A0155	IN-CORE TEMP F01 T/C #43	247.98	DEG F
4.	A0251	IN-CORETEMP M07 T/C #59	247.36	DE F
5.	P0823	5 HIGHEST IN-CORE T/C TEMP RGIN	-----	DEG F
6.	P082	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8.	A1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287	IN-CO TEMP D13 T/C #42	-----	DEG F
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05 ----- PRIMARY SYSTEM -----

1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	239.31	DEG F
2.	A0971	NC LP B WIDE RANGE HOT LEG TEMP	247.43	DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT G TEMP	248.69	DEG F
4.	A03	NC LOOP D WIDE RANGE HOT LEG TEMP	247.29	DEG F
5.	A1061	NC LOOP A WIDE ANGE COLD LEG TEMP	231.74	DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	234.68	DEG F
7.	A1073	NC LPP C WIDE RANGE COLD LEG TEMP	232.8	DEG F
8.	A1079	NC LOOP D WIDE RANGE COLDLEG TEMP	235.60	DEG F
9.	826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	106.12	PSIG
11.	A1124	PZR LEVEL I (HOT CALIBRATED)	100.00	%
12.	D2803	REACTOR COOLANT PUMP A	OFF	
13.	D2804	REATOR COOLANT PUMP B	OFF	
14.	D2805	REACTOR COOLANT PUMP C	OFF	
15.	D286	REACTOR COOLANT PUMP D	FF	
16.	A1177	SOURCE RANGE FLUX) LEVEL CHANNEL 1	6.99	CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL	8.26	CPS
18.	A0628	PORR RANGE A/C LEVEL QUADRANT 1 (N-43)	8.343E-9	%
19.	P1385	REACTOR THERMAL POWER, EST ESTIMATE	0.00	%
20.	0602	CVCS BORON METER (ISOLATED ON Ph. A)	714.73	PPM
21.	A1312	RVLIS - TRAI A - DYNAMIC HEAD D/P	6.90	%
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVL	89.03	%
23.	A1306	RVL - TRAIN A - LOWER RANGE LEVEL	640	%
24.	P1481	LOWEST NC SYSTEM SUBCOING MARGIN	46.45	DEG F

Group: 10 ----- SECONDARY SYSTEM -----

1.	A1004	STEAM GEN A WIDE RANGE LEVEL	58.83	%
2.	A1005	STAM GEN B WIDE RANGE LEVEL	5771	%
3.	A0970	STEAM GEN C WIDE RANGE EVEL	58.91	%
4.	A0988	STEAM GEN D WIDE RANGE LEVEL	58.89	%
5.	A1107	STEAM GEN ATEAM (LINE) PRESS I	716.04	PSI
6.	A1113	STEAM GEN B STEAM (LINE) PRESS	704.83	PSIG
7.	A1119	TEAM GEN C STEAM (LINE) PRESS I	71550	PSIG
8.	A1125	STEAM GEN D STEAM (LINE PRESS I	723.68	PSIG
	P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
10.	P1414	TOTAL S/G B (MIN) FEEDWATER FLOW 1	0.00	MLBHR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
12.	P1418	OTAL S/G D (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
13.	P1208	AUX FEEDWATER FLOW T S/G A	0.00	MLB/HR
1.	P1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR
15.	P1210	AUX FEEDWER FLOW TO S/G C	0.00	MLHR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.00	MLB/HR
17.	A1059	STEAM GEN A NARROW RANGE LEVEL IV	4.00	%
18.	A1065	STEAM GEN B NARROW RNGE LEVEL IV	37.96	%
.	A1071	STEAM GEN C NARROW RANGE LEVEL IV	42.23	%
20.	A1077	STEAM GEND NARROW RANGE LEVEL IV	42.36	%
21.	A0736	MAIN STEAM HEADER PRESSURE	572.57	PSIG

Group: 15		AUXILIA/INJECTION SYSTEMS	
. D0970	NV PUMP A (HIGH HEAD SI)	ON	
2. D0620	NV PUMP B(HIGH HEAD SI)	OFF	
3. A0827	BORON INJECTION (HIGH HEAD SI FLOW		463.08 GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B LOW HEAD SI / RHR)	OFF	
8. A0758	CHARGING PUMP DISCHARGE HEADE FLOW		34.10 GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		0.00 GPM
10. A0764	LETDOWN HX OUTLET OOW		0.00 GPM
1. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL	
12. D0402	REFUELIN WATER STORAGE TANK LEVEL	NOT LO	
13. D0401	REFUELING WATER STORAGE TANKEEVEL	NOT EMER LO	

Group: 20		CONTANMENT SYSTEMS	
1. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)	-----	PSIG
2. A0785	INTER. ANGE CONTAIN. PRESS (-5 TO 20)	-0.2432	SIG
3. A1047	WIDE RANGE CONTAIN. PRESS-5 TO 60)	-----	PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A	86.86	DEG F
5. A1204	UPPER CONT AMBIEN AIR TEMP A	77.58	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7. A0671	CONTAINMENT SUMP LEVEL TRAIN B	-----	FT
8. A0848	CONTAINMENT H2 CONCENTRATION TRAIN A	0.00	%
9. D3572	NS PUMP A (CONTAINMT SPRAY)	OFF	
.. D3573	NS PUMP B (CONTAINMENT SPRAY)	OFF	

Group: 25		RADIATION SYSTEMS	
1. A0115	1EMF48 REACTOR COOLANT MONITOR	519.98	CPM
2. A0829	1EMF51A IN CONTAINMNT HI RANGE RAD MON	2.031E-04	R/HR
3A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	2.031E-04	R/HR
4. A0073	1EMF39H CONTNNMENT GAS HI RANGE	2.00	CP
5. A0067	1EMF39L CONTAINMENT GAS LO RAGE	28507.98	CPM
6. A0061	EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00	CPM
7. A0055	1EMF38L CONTAINMENTPARTICULATE LO RANGE	27029.62	CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.86	R/HR
9. A0018	1EMF36HUNIT VENT GAS HI RANGE	15.91	PM
10. A0012	1EMF36L UNIT VENT GAS LO RAE	1.026E+09	CPM
11. A0019	1EMF35H UNIT VENT PARTICULATE HI RANGE	24.62	CPM
12. A0013	1EMF35L UNIT VENTPARTICULATE LO RANGE	1430.21	CPM
13. A0049	1EMF37 UNIT VENT IODINE	501.69	CPM
14. A0079	1EMF40 CTAINMENT IODINE	500.19	PPM
15. A1368	1EMF24 STEAMLINE 1A RADIATIN MONITOR	0.0110	mR/Hr
16. A137	1EMF25 STEAMLINE 1B RADIATION MONITOR	0.0110	MR/HR
17. A1380	1EMF26 STEAMLINE C RADIATION MONITOR	0.0110	MR/HR
8. A1386	1EMF27 STEAMLINE 1D RADIATION MONITOR	0.0110	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	-----	CPM

Group: 3		ENVIRONMENTAL SYSTEMS	
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVEAGE)	-----	MPH
3. P0850	LOWER O UPPER DELTA-T (15 MINUTE AVERAGE)	-----	DEG C
4. P0847	UPPER WIND DIRECTION (15INUTE AVERAGE)	-----	DEG
5. P08	LOWER WIND DIRECTION (15 MINUTE AVERAGE)	-----	DEG
6. P0595	PRECIPITATION IN LA 15 MIN	-----	IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAGE)	-----	DEG C
8. A0863	UNIT VNT STACK FLOW	53418.03	FT3/MN

Group: 5	-----	IN-CORE THERMOCOUPLES	-----	
1.	A0268	IN-CORE TEMP A10 T/C #2	238.68	DEG F
.	A0166	IN-CORE TEMP J06 T/C #17	238.21	DEG F
3.	A0155	IN-CRE TEMP F01 T/C #43	239.10	DEG F
4.	A0251	IN-CORE TEMP M07 T/C #59	238.47	DEG F
5.	P03	5 HIGHEST IN-CORE T/C TEMP MARGIN	-----	DEG F
6.	P0828	5 HIGHEST IN-COE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05 T/C #54	-----	DEG F
8.	1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287	IN-CORE TEMPD13 T/C #42	-----	DEG F
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

----- PRIMARY SYSTEM -----

Group: 05			
1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	279.81	DEG F
2. A0971	NC LOOP B WIDE RANGE HOT LEG TEMP	280.12	DEG F
3. A0977	NC LOOP C WIDERANGE HOT LEG TEMP	280.26	DEG F
4. A0983	NC LOOP D WIDE RANGE HOT LEG TEMP	280.28	DEG F
5. A1061	NC OOP A WIDE RANGE COLD LEG TEMP	276.	DEG F
6. A1067	NC LOOP B WIDE RANGE CO LEG TEMP	267.50	DEG F
7. 1073	NC LOOP C WIDE RANGE COLD LEG TEMP	248.45	DEG F
8. A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	237.01	DEG F
9. A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRES	50.39	PSIG
11. A1124	PZ LEVEL I (HOT CALIBRATED)	88.	%
12. D2803	REACTOR COOLANT PUMP A		OFF
13. 2804	REACTOR COOLANT PUMP B		FF
14. D2805	REACTOR COOLANPUMP C		OFF
15. D2806	REACTOR COOLANT PUMP D		OFF
16. A1177	SORCE RANGE (FLUX) LEVEL CHANNEL 1	10.	CPS
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	8.45	CPS
18.0628	POWER RANGE AVG LEVEL QUADRANT 1 (N-43)	8.707E-09	%
19. P1385	REACTOR THERAL POWER, BEST ESTIMATE	0.00	%
20. A0602	CVCS BORON METER (ISOLATED ON Ph A)	716.94	PPM
21. A1312	LIS - TRAIN A - DYNAMIC HEAD D/P	113	%
22. A1300	RVLIS - TRAIN A - UPPR RANGE LEVEL	71.72	%
23.A1306	RVLIS - TRAIN A - LOWER RANGE LEVEL	64.00	%
24. P1481	LOWEST NC SSTEM SUBCOOLING MARGIN	-29.21	DEG F

----- SECONDARY SYSTEM -----

Group: 10			
1. A1004	STEAM GEN A WIDE RAN LEVEL	59.01	%
2 A1005	STEAM GEN B WIDE RANGE LEVEL	57.88	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	59.10	%
4. A0988	STEAM GEN D WIDE RANGE LEVEL	59.08	%
5. A1107	TTEAM GEN A STEAM (LINE) PRESS I	69.25	PSIG
6. A1113	STEAM GEN B STEAM (LNE) PRESS I	671.38	PSIG
7. A1119	EEAM GEN C STEAM (LINE) PRESS I	686.01	PSIG
8. A1125	STEAM GEN D SEAM (LINE) PRESS I	693.93	PSG
9. P1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
11. P1416	TOTAL S/G C (MAIN) EEDWATER FLOW 1	0.00	MLB/HR
12.P1418	TOTAL S/G D (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
13. P1208	AUX FEEDWAR FLOW TO S/G A	0.00	MB/HR
14. P1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO S/G C	0.0	MLB/HR
16. P1211	AUX FEEDWATER FLOW TOS/G D	0.00	MLB/HR
.. A1059	STEAM GEN A NARROW RANGE LEVEL IV	41.91	%
18. A1065	STEAM GEN B NARROW RANGE LEVEL IV	37.65	
19. A1071	STEAM GEN C NARROW RANGE LEVEL I	42.11	%
20. A1077	STEAM GEN D NARROW RANGE LEVEL IV	42.23	%
21. A0736	MAIN STEAM HEADER PESSURE	504.66	.

----- AUXILIARY/INJECTION SYSTEMS -----

Group: 15				
1. D0970	NV PUMP A (HIGH HEAD SI)	OFF		
2. D0620	NV PUMP B (HIGH HEAD SI)	OFF		
3. A0827	BORON INJECTION (GH HEAD SI) FLOW		0.00	GPM
4. D3574	NI PUMP A (INTERMEDIATE HEAD SI)	OFF		
5. D3576	NI PUMP B NNTERMEDIATE HEAD SI)	OFF		
6. D1042	ND PUMP A (LOW HEAD SI / RHR)	OFF		
7. D0968	ND PUMP B (LOW HEAD SI / RHR)	OFF		
8. A0758	CHARGING PUM DISCHARGE HEADER FLOW		0.00	GPM
9. A0856	(LOW HEAD SI / RHR) ND HX RETURN FLOW		000	GPM
10. A0764	LETDOWN HX OUTLET FLO		0.00	GPM
11. D0400	REFUELING WATER STORAGE TANK LEVEL	NORMAL		
12. D0402	REFUELING WATER STORAGE TANK LEVEL	NOT LO		
13. D0401	REFUELING WATER STORAGE TANK LVEL	EMER LO		

----- CONTAIENT SYSTEMS -----

Group: 20				
.. A0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)			PSIG
2. A0785	INTER. RAN CONTAIN. PRESS (-5 TO 20)	-0.2316		PSG
3. A1047	WIDE RANGE CONTAIN. PRESS (- TO 60)			PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A	88.02		DEG F
5. A1204	UPPER CONT AMBIENT IR TEMP A	77.61		DEG F
. A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00		FT
7. A0671	CONTAINMEN SUMP LEVEL TRAIN B			F
8. A0848	CONTAINMENT H2 CONCENTRATION AAIN A	0.00		%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF		
10. D3573	NS PUMP B (CONTAINMNT SPRAY)	OFF		

----- RADIATION SYSTEMS -----

Group: 25				
1. A0115	1EMF48 REACTOR COOLANT MONITO	5924.98		CPM
2. A0829	1EMF51A IN CONTAINNNT HI RANGE RAD MON	2.021E-04		R/HR
3. A0835	1EMF51B IN CONTAINMENT HI RANGE RAD MON	2.021E-04		R/HR
4. A0073	1EMF39HONTAINMENT GAS HI RANGE	2.00		C
5. A0067	1EMF39L CONTAINMENT GAS LO RNGE	28507.98		CPM
6. A0061	1EMF38H CONTAINMENT PARTICULATE HI RANGE	5.00		CPM
7. A0055	1EMF38L CONTAINMEN PARTICULATE LO RANGE	27029.62		CPM
8. A1009	1EMF36HH UNIT VENT GAS HI HI RANGE	4.75		R/HR
9. A0018	1EMF36H UN VENT GAS HI RANGE	15.29		PM
10. A0012	1EMF36L UNIT VENT GAS LO RAGE	8.975E+08		CPM
11. A001	1EMF35H UNIT VENT PARTICULATE HI RANGE	24.03		CPM
12. A0013	1EMF35L UNIT VENPARTICULATE LO RANGE	1289.15		CPM
13. A0049	1EMF37 UNIT VENT IODINE	487.00		CPM
14. A0079	1EMF40CONTAINMENT IODINE	500.19		CPM
15. A1368	1EMF24 STEAMLINE 1A RADIATION MONITOR	0.0110		m/lir
16. A1374	1EMF25 STEAMLINE 1B RADIATION ONITOR	0.0110		MR/HR
17. A1380	1EMF26 STEAMLINE 1C RADIATION MONITOR	..0110		MR/HR
18. A1386	1EMF27 STEAMLINE 1DRADIATION MONITOR	0.0110		MR/HR
9. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE			CPM

----- ENVIRONMENTAL STEMS -----

Group: 30				
1. P0846	UPPER WIND SPEED (15 MINUTE AVERAGE)			MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)			MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAE)			DEG C
4. P0847	UPPER WD DIRECTION (15 MINUTE AVERAGE)			DE
5. P0849	LOWER WIND DIRECTION (15 MUUTE AVERAGE)			DEG
6. P0595	PRECIPITATION IN LAST 15 MIN			IN
7. P0851	AMBIENT AIR TEMPERTURE(15 MINUTE AVERAGE)			DEG C
8AA0863	UNIT VENT STACK FLOW	53418.03		FT3/MN

Date:

2/20/93

Time: 11:30

Group: 35	-----	IN-CORE THERMOUPLES	-----	
1.	A026	IN-CORE TEMP A10 T/C #2	177.17	DEG F
2.	A0166	IN-CORE TEMP J06 T/C #17	177.09	DEG F
3.	A0155	IN-CORE TEMP F01 T/C #43	178.18	DEG F
4.	A0251	IN-COR TEMP M07 T/C #59	177.96	DEGF
5.	PO823	5 HIGHEST IN-CORE T/C TEMP ARGIN	-----	DEG F
6.	PO82	5 HIGHEST IN-CORE T/C TEMP	-----	DEG F
7.	A1323	IN-CORE TEMP K05TT/C #54	-----	DEG F
8.	A1341	IN-CORE TEMP M11 T/C #60	-----	DEG F
9.	A1287	IN-COR TEMP D13 T/C #42	-----	DEG F
10.	A1161	IN-CORE TEMP C04 T/C #3	-----	DEG F

Group: 05 ----- PRIMARY SYSTEM -----

1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	287.67	DEG F
2.	A0971	NC LOOP WIDE RANGE HOT LEG TEMP	287.67	DG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEG EMP	287.67	DEG F
4.	A0983	C LOOP D WIDE RANGE HOT LEG TEMP	77.76	DEG F
5.	A1061	NC LOOP A WIDE RAN COLD LEG TEMP	287.66	DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	287.89	DEG F
7.	A1073	NC LOOP WIDE RANGE COLD LEG TEMP	287.75	DG F
8.	A1079	NC LOOP D WIDE RANGE COLD LEGTEMP	287.84	DEG F
9.	A0826	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	47.69	PSIG
11.	A1124	PZR LEVEL I (HOT LIBRATED)	28.59	%
12.	D2803	REACTOR COOLANT PUMP A		OFF
13.	D2804	REACTORCOOLANT PUMP B		OFF
14.	D2805	REACTOR COOLANT PUMP C		OFF
15.	D280	REACTOR COOLANT PUMP D		OFF
16.	A1177	SOURCE RANGE (FLU) LEVEL CHANNEL 1	9.55	CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	5.86	CPS
18.	A0628	POWER NNGE AVG LEVEL QUADRANT 1 (N-43)	8.490E-09	%
19.	P135	REACTOR THERMAL POWER, BEST ESTIMATE	0.0	%
20.	A062	CVCS BORON METER (ISOLATED ON Ph. A)	718.95	PPM
21.	A1312	RVLIS - TRAIN A DYNAMIC HEAD D/P	5.10	%
2.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	68.00	%
23.	A1306	RVLIS- TRAIN A - LOWER RANGE LEVEL	55.36	%
24.	P1481	LOWEST NC SYSTEM SL3COOLIG MARGIN	-36.37	DEG F

Group: 10 ----- SONDARY SYSTEM -----

1.	A1004	STEAM GEN A WIDE RANGE LEVEL	59.12	%
2.	A1005	STEA GEN B WIDE RANGE LEVEL	58.01	%
3.	A0970	STEAM GEN C WIDE RANGE LEEEL	59.21	%
4.	A88	STEAM GEN D WIDE RANGE LEVEL	59.33	%
5.	A1107	STEAM GEN A STAM (LINE) PRESS I	673.16	PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	643.40	PSIG
7.	A1119	STE GEN C STEAM (LINE) PRESS I	670.9	PSIG
8.	A1125	STEAM GEN D STEAM (LINEPRESS I	654.76	PSIG
9.	P412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
10.	P1414	TOTAL S/G B (MAIN) FEDWATER FLOW 1	0.00	MLB/H
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
12.	P1418	TOLL S/G D (MAIN) FEEDWATER FLOW 1	0.	MLB/HR
13.	P1208	AUX FEEDWATER FLOW TO SG A	0.00	MLB/HR
14.	1209	AUX FEEDWATER FLOW TO S/G B	0.00	MLB/HR
15.	P1210	AUX FEEDWATERFLOW TO S/G C	0.00	MLB/H
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.00	MLB/HR
17.	A1059	STAM GEN A NARROW RANGE LEVEL IV	41.8	%
18.	A1065	STEAM GEN B NARROW RANGE VEL IV	37.38	%
19.	1071	STEAM GEN C NARROW RANGE LEVEL IV	42.07	%
20.	A1077	STEAM GEN D NRROW RANGE LEVEL IV	42.07	%
21.	A0736	MAIN STEAM HEADER PRESSURE	438.34	PSIG

Group: 15		AUXILIARY/INECTION SYSTEMS	
1. D970	NV PUMP A (HIGH HEAD SI)	FF	
2. D0620	NV PUMP B (HIH HEAD SI)	OFF	
3. A0827	BORON INJECTION (HIGH HEAD SI) FLO		0.00 GPM
4. D3574	NI PUM A (INTERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIAT HEAD SI)	OFF	
6.1042	ND PUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B (LW HEAD SI / RHR)	OFF	
8. A0758	CHARGING PUMP DISCHARGE HEADER FW		0.00 GPM
9. A0856	(OW HEAD SI / RHR) ND HX RETURN FLOW		000 GPM
10. A0764	LETDOWN HX OUTLET FLOW		0.00 GPM
11.D0400	REFUELING WATER STORAGE TANK LEVEL	NNORMAL	
12. D0402	REFUELING WAER STORAGE TANK LEVEL	LO	
13. D0401	REFUELING WATER STORAGE TANK LEVL	EMER LO	
Group: 20		CONTAINMNT SYSTEMS	
1. 0590	NARROW RANGE CONTAIN. PRESS (-1 TO +1)		PSIG
2. A0785	INTER. RANGCONTAIN. PRESS (-5 TO 20)	-0.2142	PSIG
3. A1047	WIDE RANGE CONTAIN. PRESS (-50 60)		PSIG
4. A1228	WWER CONT AMBIENT AIR TEMP A	8.16	DEG F
5. A1204	UPPER CONT AMBIENT AIREMP A	78.04	DEG F
A1041	CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7. A0671	CONTAINMEN SUMP LEVEL TRAIN B		FT
8. A0848	CONTAINMENT H2 CONCENTRATION TIIN A	0.00	%
9. D3572	S PUMP A (CONTAINMENT SPRAY)	OFF	
10. D3573	NS PUMP B (CONTAINMENT RRAY)	OFF	
Group: 25		RADIATION SYSTEMS	
1. A0115	1EMF48 REACTOR COOLANT MONITO	51924.98	CPM
2. A0829	1EF51A IN CONTAINMENT HI RANGE RAD MON	2.01E-04	R/HR
3. A0835	1EMF51B IN CONTAINMNT HI RANGE RAD MON	2.021E-04	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI RANGE	2.00	CPM
5. A0067	1EMF39L NTAINMENT GAS LO RANGE	28507.98	CM
6. A0061	1EMF38H CONTAINMENT PARTICULAE HI RANGE	5.00	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATE LO RANGE	2029.62	CPM
8. A1009	1EMF36HH UNIT VENTGAS HI HI RANGE	4.27	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RANGE	12.52	CPM
10. A0012	1EMF36LNNIT VENT GAS LO RANGE	3.171E+08	M
11. A0019	1EMF35H UNIT VENT PARTICULAT HI RANGE	21.39	CPM
12. A0013	1EMF35LUNIT VENT PARTICULATE LO RANGE	655.97	CPM
13. A0049	1EMF37 UNIT VENT IDINE	421.04	CPM
4. A0079	1EMF40 CONTAINMENT IODINE	500.19	CPM
15. A1368	1EMF24 STEMLINE 1A RADIATION MONITOR	0.0110	R/Hr
16. A1374	1EMF25 STEAMLINE 1B RADIATI MONITOR	0.0110	MR/HR
17. A138	1EMF26 STEAMLINE 1C RADIATION MONITOR	00.0110	MR/HR
18. A1386	1EMF27 STEAMLINE 1D RIIATION MONITOR	0.0110	Mk/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE		CPM
Group: 30		ENVIRONMENTAL YSTEMS	
1. P084	UPPER WIND SPEED (15 MINUTE AVERAGE)		MPH
2. P0848	LOWER WIND SPEED (15 MINUTE AVERAGE)		MPH
3. P0850	LOWER TO UPPER DELTA-T (15 MINUTE AVERAE)		DEG C
4. P0847	UPPER IND DIRECTION (15 MINUTE AVERAGE)		DEG
5. P0849	LOWER WIND DIRECTION (15 MIUTE AVERAGE)		DEG
6. P055	PRECIPITATION IN LAST 15 MIN		IN
7. P0851	AMBIENT AIR TEMPERATURE(15 MINUTE AVERAGE)		DEG
8. A0863	UNIT VENT STACK FLOW	53418.03	FT3/MN

10/22/93

11:45

Group: 35 ----- IN-CORE THERMOCOUPLES -----

1. A08	IN-CORE TEMP A10	T/C #2	286.95	DEG F
2. A0166	IN-CORE TMP J06	T/C #17	286.37	DEG F
3. A0155	IN-CORE TEMP F01	T/C #43	287.15	DEG F
4. A0251	IN-CORE TEMP M07	T/C #59	26.43	DEG F
5. P0823	5 HIGHEST IN-CORE T/	TEMP MARGIN	-----	DEG F
6. P088	5 HIGHEST IN-CORE T/C	TEMP	-----	DEG F
7. A1323	IN-CORE TMP K05	T/C #54	-----	DEG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	TC #3	-----	DEG F

----- PRIMARY SYSTEM -----

1. A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	250.74	DEG F
2. A0971	NC LOOP B WIDE RANE HOT LEG TEMP	264.54	DEG F
3. A0977	NC LOOP C WIDE RANGE HOT LEG TEMP	270.97	DEG F
4. A0983	NC LOOP D IDE RANGE HOT LEG TEMP	286.59	DG F
5. A1061	NC LOOP A WIDE RANGE COLD LE TEMP	195.54	DEG F
6. A1067	N LOOP B WIDE RANGE COLD LEG TEMP	182.33	DEG F
7. A1073	NC LOOP C WIDE RANGCCOLD LEG TEMP	180.34	DEG F
. A1079	NC LOOP D WIDE RANGE COLD LEG TEMP	228.28	DEG F
9. A0826	NC SYSTM (HOT LEG) WIDE RANGE PRESS	6.22	IIG
11. A1124	PZR LEVEL I (HOT CALIBRATE)	0.00	%
12. D28	REACTOR COOLANT PUMP A	OFF	
13. D2804	REACTOR CCOLANT UMP B	OFF	
14. D2805	REACTOR COOLANT PUMP C	OFF	
15. D2806	REACT COOLANT PUMP D	OFF	
16. A1177	SOURCE RANGE (FLUX) LEVEL HANNEL 1	8.88	CPS
17. A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	6.01	CPS
18. A0628	POWER RANGE AVGEVEL QUADRANT 1 (N-43)	6.744E-09	%
19. P1385	REACTOR THERMAL POWER, BEST ESTIMATE	0.00	%
20. A0602	CVCS RON METER (ISOLATED ON Ph. A)	720.68	PPM
21. A1312	RVLIS - TRAIN A - DYNAMICHEAD D/P	0.00	%
22. A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	64.76	%
23. A1306	RVLIS - TRAIN A- LOWER RANGE LEVEL	26.41	%
24. P1481	LOWEST NC SYSTEM SUBCOOLING MARGIN	-36.76	DEG F

----- SECONDARY SYTEM -----

1. A104	STEAM GEN A WIDE RANGE LEVEL	60.18	%
2. A1005	STEAM GEN B WIDE ANGE LEVEL	58.91	%
3. A0970	STEAM GEN C WIDE RANGE LEVEL	60.48	%
4. A0988	STEA GEN D WIDE RANGE LEVEL	60.94	%
5. A1107	STEAM GEN A STEAM (LINE) PRESS I	322.28	PSIG
6. A113	STEAM GEN B STEAM (LINE) PRESS I	320.10	PSIG
7. A1119	STEAM GEN C STAM (LINE) PRESS I	329.79	PSIG
8. A1125	STEAM GEN D STEAM (LINE) PRESS I	332.92	PSIG
9. P1412	TOTL S/G A (MAIN) FEEDWATER FLOW 1	0.0	MLB/HR
10. P1414	TOTAL S/G B (MAIN) FEEDWTER FLOW 1	0.00	MLB/HR
11. 416	TOTAL S/G C (MAIN) FEEDWATER FLOW 1	0.00	MLB/HR
12. P1418	TOTAL S/G D (MIN) FEEDWATER FLOW 1	0.00	MLB/HR
13. P1208	AUX FEEDWATER FLOW TO S/G A	0.00	MLB/HR
14. P1209	AUX FEEDWATERFLOW TO S/G B	0.0	MLB/HR
15. P1210	AUX FEEDWATER FLOW TO SG C	0.00	MLB/HR
16. 1211	AUX FEEDWATER FLOW TO S/G D	0.00	MLB/HR
17. A1059	STEAM GEN A NRROW RANGE LEVEL IV	34.74	%
18. A1055	STEAM GEN B NARROW RANGE LEVEL IV	30.34	%
19. A1071	STAM GEN C NARROW RANGE LEVEL IV	35.0	%
20. A1077	STEAM GEN D NARROW RANGLLEVEL IV	37.38	%
21. A0736	MAIN STEAM HEADER PRESSURE	46.74	PSIG

Date: 10/29/93

Time: 12:00

Group: 15		AUXILIARY/INJECTION SSTEMS	
1. D0970	NVUUMP A (HIGH HEAD SI)	ON	
2. D0620	NV PUMP B (HIGH HEAD SI)	ON	
3. 0827	BORON INJECTION (HIGH HEAD SI) FLOW		767.86 GPM
4. D3574	NI PUMP A (IERMEDIATE HEAD SI)	OFF	
5. D3576	NI PUMP B (INTERMEDIATE HEAD SI)	OFF	
6. D1042	NPPUMP A (LOW HEAD SI / RHR)	OFF	
7. D0968	ND PUMP B (LOW HEAD SI/ RHR)	OFF	
8. A0758	CHARGING PUMP DISCHARGE HEADER FLOW		42.08 GPM
9. A0856	(LOW HEAD S / RHR) ND HX RETURN FLOW		0.00 GPM
10. A0764	LETDOWN HX OUTLET FLOW		0.00 GPM
11. D0400	RFUELING WATER STORAGE TANK LEVEL	NORMAL	
12. D0402	REFUELING WATER STORAE TANK LEVEL	LO	
13 D0401	REFUELING WATER STORAGE TANK LEVEL	EER LO	

Group: 20		CONTAINMENT SYSTEM	
1. A0590	ARROW RANGE CONTAIN. PRESS (-1 TO +1)	----	PSIG
2. A0785	INTER. RANGE CONTAIN.PRESS (-5 TO 20)	1.26	PSIG
A1047	WIDE RANGE CONTAI PRESS (-5 TO 60)	----	PSIG
4. A1228	LOWER CONT AMBIENT AIR TEMP A	143.55	DEG F
5. A1204	UPPER CNT AMBIENT AIR TEMP A	86.44	DEG F
6. A1041	CONTAINMENT SUMP LEVEL TRAIA	0.00	FT
7. A067	CONTAINMENT SUMP LEVEL TRAIN B	----	FT
8. A0848	CONTAINMENT H2 CONCNRATION TRAIN A	0.00	%
9. D3572	NS PUMP A (CONTAINMENT SPRAY)	OFF	
10. D3573	NS PUMBB (CONTAINMENT SPRAY)	OFF	

Group: 2		RADIATION SYSTEMS	
.. A0115	1EMF48 REACTOR COLANT MONITOR	51924.98	CPM
2. A0829	1EMF51A IN CONTAINMENT HI RANGE RAD M	0.8633	R/HR
3. A0835	1EMF51 IN CONTAINMENT HI RANGE RAD MON	0.8633	R/HR
4. A0073	1EMF39H CONTAINMENT GAS HI ANGE	2.00	CPM
5. A00	1EMF39L CONTAINMENT GAS LO RANGE	8507.98	CPM
6. A0061	1EMF38H CONTAINMNT PARTICULATE HI RANGE	5.00	CPM
7. A0055	1EMF38L CONTAINMENT PARTICULATE LO RNGE	27029.62	CPM
8. A1009	1EMF3HH UNIT VENT GAS HI HI RANGE	4.18	R/HR
9. A0018	1EMF36H UNIT VENT GAS HI RNGE	12.00	CPM
10. A001	1EMF36L UNIT VENT GAS LO RANGE	..094E+08	CPM
11. A0019	1EMF35H UNIT VET PARTICULATE HI RANGE	20.90	CPM
12. A0013	1EMF35L UNIT VENT PARTICULATE LO RAGE	538.52	CPM
13. A0049	1EMF UNIT VENT IODINE	408.80	CPM
14. A0079	1EMF40 CONTAINMENT IODINE	500.19	CPM
15. A68	1EMF24 STEAMLIN 1A RADIATION MONITOR	0.0110	mR/Hr
16. A1374	1EMF25 STEAMLIE 1B RADIATION MONITOR	0.0110	MR/HR
17. A1380	1EMF26 STEAMLIN 1C RADIATION MONIT	0.0110	MR/HR
18. A1386	1EMF7 STEAMLIN 1D RADIATION MONITOR	0.011	MR/HR
19. A0127	EMF49H WASTE LIQUID DISCHARGE HI RANGE	----	CPM

Group: 30		VIRONMENTAL SYSTEMS	
1. P0846	UPPER WIND SPEED (15 MINUTE AERAGE)	----	MPH
2. P0848	LOWR WIND SPEED (15 MINUTE AVERAGE)	----	MPH
3. P0850	LOWER TO UPPER DELTA-T 5 MINUTE AVERAGE)	----	DEC C
4. 0847	UPPER WIND DIRECTION (15 MINUTE AVERAGE)	----	DEG
5. P0849	LOWER WIND DEECTION (15 MINUTE AVERAGE)	----	DEG
6. P0595	PRECIPITATION IN LAST 15 MIN	----	IN
7. P0851	AMIENT AIR TEMPERATURE(15 MINUTE AVERAGE)	----	DEG C
8. A0863	UNIT VENT STACK FLOW	53418.03	FT3/MN

Group: 35	-----	IN-CORE THERMOCOUPLES	-----
1. A0268	IN-CORE TEMP A10	T/C #2	269.28 DEG F
2. A0166	I-CORE TEMP J06	T/C #17	2616 DEG F
3. A0155	IN-CORE TEMP F01	T/C443	268.65 DEG F
4. 2251	IN-CORE TEMP M07	T/C #59	267.72 DEG F
5. P0823	5 HIGHEST I-CORE	T/C TEMP MARGIN	----- DEGF
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	----- DEG F
7. A1323	--CORE TEMP K05	T/C #54	----- DEG F
8. A1341	IN-CORE TEMP M11	T/#60	----- DEG F
. A1287	IN-CORE TEMP D13	T/C #42	----- DEG F
10. A1161	IN-CORE TE C04	T/C #3	----- DEGF

----- PRIMARY SYSTEM -----

1.	A0965	NC LOOP A WIDE RANGE HOT LEG TEMP	203.40	DEG F
2.	A0971	NC LOO B WIDE RANGE HOT LEG TEMP	204.58	DEG F
3.	A0977	NC LOOP C WIDE RANGE HOT LEGTEMP	202.50	DEG F
4.	A098	NC LOOP D WIDE RANGE HOT LEG TEMP	204.64	DEG F
5.	A1061	NC LOOP A WIDE RAGE COLD LEG TEMP	203.18	DEG F
6.	A1067	NC LOOP B WIDE RANGE COLD LEG TEMP	204.46	DEG F
7.	A1073	NC LO C WIDE RANGE COLD LEG TEMP	204.70	DEG F
8.	A1079	NC LOOP D WIDE RANGE COLD EG TEMP	203.41	DEG F
9.	A086	NC SYSTEM (HOT LEG) WIDE RANGE PRESS	0.00	PSIG
11.	A1124	PZR LEVEL I (HOTCALIBRATED)	0.00	%
12.	D2803	REACTOR COOLANT PUMP A	OFF	
13.	D2804	REACTORCOOLANT PUMP B	OFF	
14.	D2805	REACTOR COOLANT PUMP C	OFF	
15.	D280	REACTOR COOLANT PUMP D	OF	
16.	A1177	SOURCE RANGE (FXX) LEVEL CHANNEL 1	5.41	CPS
17.	A1206	SOURCE RANGE (FLUX) LEVEL CHANNEL 2	8.44	CPS
18.	A0628	POWERRANGE AVG LEVEL QUADRANT 1 (N-43)	6.626E-09	%
19.	P1385	REACTOR THERMAL POWER, BET ESTIMATE	0.00	%
20.	A02	CVCS BORON METER (ISOLATED ON Ph. A)	721.38	PPM
21.	A1312	RVLIS - TRAIN - DYNAMIC HEAD D/P	0.00	%
22.	A1300	RVLIS - TRAIN A - UPPER RANGE LEVEL	65.49	%
23.	A1306	RVLIS- TRAIN A - LOWER RANGE LEVEL	9.81	%
24.	P1481	LOWEST NC SYSTEM SUBCOOLNG MARGIN	6.32	DEG F

----- SECONDARY SYSTEM -----

1.	A1004	STEAM GEN A WIDE RANGE LEVEL	63.83	%
2.	A1005	STEM GEN B WIDE RANGE LEVEL	62.88	%
3.	A0970	STEAM GEN C WIDE RANGE LVEL	64.49	%
4.	A988	STEAM GEN D WIDE RANGE LEVEL	64.52	%
5.	A1107	STEAM GEN A STAM (LINE) PRESS I	193.09	PSIG
6.	A1113	STEAM GEN B STEAM (LINE) PRESS I	140.46	PSIG
7.	A1119	STEAM GEN C STEAM (LINE) PRESS I	138.7	PSIG
8.	A1125	STEAM GEN D STEAM (LINE)PRESS I	205.74	PSIG
9.	1412	TOTAL S/G A (MAIN) FEEDWATER FLOW 1	0.1523	MLB/HR
10.	P1414	TOTAL S/G B (AIN) FEEDWATER FLOW 1	0.1575	MLB/HR
11.	P1416	TOTAL S/G C (MAIN) FEEDWATER FLOW	0.1577	MLB/HR
12.	P1418	TOTL S/G D (MAIN) FEEDWATER FLOW 1	0.15	MLB/HR
13.	P1208	AUX FEEDWATER FLOW TO S A	0.1486	MLB/HR
14.	1209	AUX FEEDWATER FLOW TO S/G B	0.1547	MLB/HR
15.	P1210	AUX FEEDWATERFLOW TO S/G C	0.1549	MLB/HR
16.	P1211	AUX FEEDWATER FLOW TO S/G D	0.1480	MLB/HR
17.	A1059	STAM GEN A NARROW RANGE LEVEL IV	425	%
18.	A1065	STEAM GEN B NARROW RANGE EVEL IV	35.69	%
19.	A071	STEAM GEN C NARROW RANGE LEVEL IV	40.96	%
20.	A1077	STEAM GEN D RRROW RANGE LEVEL IV	44.74	%
21.	A0736	MAIN STEAM HEADER PRESSURE	198.27	PSIG

Group	System Name	Value	Unit
Group: 15 ----- AUXILIARY/INJECTION SYSTEMS -----			
1.	D097 NV PUMP A (HIGH HEAD SI)	OF	
2.	D0620 NV PUMP B (HIGHEAD SI)	ON	
3.	A0827 BORON INJECTION (HIGH HEAD SI) FLOW	476.32	GPM
4.	D3574 NI PMP A (INTERMEDIATE HEAD SI)	OFF	
5.	D3576 NI PUMP B (INTERMEDIATE AAD SI)	OFF	
6.	D142 ND PUMP A (LOW HEAD SI / RHR)	OF	
7.	D0968 ND PUMP B (LOW HAD SI / RHR)	OFF	
8.	A0758 CHARGING PUMP DISCHARGE HEADER FLOW	26.29	GPM
9.	A0856 (LOHHEAD SI / RHR) ND HX RETURN FLOW	0.0	GPM
10.	A0764 LETDOWN HX OUTLET FLOW	0.00	GPM
11.	D000 REFUELING WATER STORAGE TANK LEVEL	NORML	
12.	D0402 REFUELING WATE STORAGE TANK LEVEL	LO	
13.	D0401 REFUELING WATER STORAGE TANK LEVEL	EMER LO	
Group: 20 ----- CONTAINME SYSTEMS -----			
1.	0590 NARROW RANGE CONTAIN. PRESS (-1 TO +1)	-----	PSIG
2.	A0785 INTER. RANGE ONTAIN. PRESS (-5 TO 20)	-0.2350	PSIG
3.	A1047 WIDE RANGE CONTAIN. PRESS (-5 T 60)	-----	PSIG
4.	A1228 LWER CONT AMBIENT AIR TEMP A	7958	DEG F
5.	A1204 UPPER CONT AMBIENT AIRTEMP A	82.51	DEG F
6.	A1041 CONTAINMENT SUMP LEVEL TRAIN A	0.00	FT
7.	A0671 CONTINMENT SUMP LEVEL TRAIN B	-----	FT
8.	A0848 CONTAINMENT H2 CONCENTRATON TRAIN A	0.00	%
9.	D372 NS PUMP A (CONTAINMENT SPRAY)	O	
10.	D3573 NS PUMP B (CONINMENT SPRAY)	OFF	
Group: 25 ----- RADIATION SYSTEMS -----			
1.	A0115 1EMF48 REACTOR COOLANT MONITR	51924.98	CPM
2.	A829 1EMF51A IN CONTAINMENT HI RANGE RAD MON	0.0473	R/HR
3.	A0835 1EMF51B IN CONAINMENT HI RANGE RAD MON	0.0473	R/HR
4.	A0073 1EMF39H CONTAINMENT GAS HI RANGE	2.00	CPM
5.	A0067 1EM39L CONTAINMENT GAS LO RANGE	28507.9	CPM
6.	A0061 1EMF32H CONTAINMENT PARTIULATE HI RANGE	5.00	CPM
7.	A055 1EMF38L CONTAINMENT PARTICULATE LO RANGE	27029.62	CPM
8.	A1009 1EMF36HH UNIT VENT GAS HI HI PANGE	4.24	R/HR
9.	A0018 1EMF36H UNIT VENT GAS HI RANGE	12.38	CPM
10.	A0012 1EM36L UNIT VENT GAS LO RANGE	2.890	CPM
11.	A0019 1EMF35H UNIT VENT PARTICULATE HI RANGE	21.26	CPM
12.	A013 1EMF35L UNIT VENT PARTICULATE LO RANGE	625.30	CPM
13.	A0049 1EMF37 UNIT VENTIODINE	417.84	CPM
14.	A0079 1EMF40 CONTAINMENT IODINE	500.19	CPM
15.	A1368 1EF24 STEAMLINE 1A RADIATION MONITOR	0.000	mR/Hr
16.	A1374 1EMF25 STEAMLINE 1B SAIIATION MONITOR	0.0110	MR/HR
17.	A1380 1EMF26 STEAMLINE 1C RADIATION MONITOR	0.0110	MR/HR
18.	A1386 1EMF27 STEAMINE 1D RADIATION MONITOR	0.0110	MR/HR
19.	A0127 EMF49H WASTE LIQUID DISCHARGE HIAANGE	-----	CPM
Group: 30 ----- ENVIRONMNTAL SYSTEMS -----			
1.	P0846 UPPER WIND SPEED (15 MINUTE AVERAGE)	-----	MPH
2.	P0848 LOWER WINDPPEED (15 MINUTE AVERAGE)	-----	MPH
3.	P0850 LOWER TO UPPER DELTA-T (15 MINUE AVERAGE)	-----	DEG C
4.	P0847 PPER WIND DIRECTION (15 MINUTE AVERAGE)	----	DEG
5.	P0849 LOWER WIND DIRECTION (15 MINUTE AVERAGE)	-----	DEG
6.	P0595 PRECIPITATION IN LAST 15 MIN	-----	IN
7.	P0851 AMBIENT AI TEMPERATURE(15 MINUTE AVERAGE)	-----	DEG
8.	A0863 UNIT VENT STACK FLOW	53418.03	FT3/MN

Group: 35	-----	IN-COR THERMOCOUPLES	-----	
.. A0268	IN-CORE TEMP A10	T/C #2	238.12	DEG F
2. A0166	IN-CORE TMP J06	T/C #17	237.65	DE F
3. A0155	IN-CORE TEMP F01	T/C #43	238.56	DEG F
4. A0251	NN-CORE TEMP M07	T/C #59	37.96	DEG F
5. P0823	5 HIGHEST IN-CORE	/C TEMP MARGIN	-----	DEG F
6. P0828	5 HIGHEST IN-CORE	T/C TEMP	-----	DEG F
7. A1323	IN-CORE EMP K05	T/C #54	-----	GG F
8. A1341	IN-CORE TEMP M11	T/C #60	-----	DEG F
9. A1287	IN-CORE TEMP D13	T/C #42	-----	DEG F
10. A1161	IN-CORE TEMP C04	//C #3	-----	DEG F

Containment

CONTAINMENT					Expected Values		Drill Values			
39 (L) CF	5.39E-18									Rx Bldg
39 (H) CF	5.56E-14								cpm	Atmos
	QNG	QI	LeakRate	EMP 39(L)	EMP 39(H)	EMP 39(L)	EMP 39(H)	EMP 40		psig
5:00 AM	3.86E-06	1.12E-08	1.05E+04	5.77E+07	6.64E+03	3.50E+04	1.00E+01	6.00E+02		0.15
5:15	1.29E-05	3.75E-08	1.05E+04	1.92E+08	2.21E+04	3.50E+04	1.00E+01	6.00E+02		0.15
5:30	5.58E-05	1.62E-07	1.05E+04	8.34E+08	9.59E+04	3.50E+04	1.00E+01	6.00E+02		0.15
5:45	5.79E-05	1.69E-07	1.05E+04	8.66E+08	9.96E+04	3.50E+04	1.00E+01	6.00E+02		0.15
6:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.15
6:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.15
6:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.15
6:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
7:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
7:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
7:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
7:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
8:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
8:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
8:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
8:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
9:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
9:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
9:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
9:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
10:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
10:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
10:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
10:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
11:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
11:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
11:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
11:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
12:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
12:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
12:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
12:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
13:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02		0.16
13:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	1.00E+05	1.15E+01	1.00E+04		0.18
13:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	3.00E+06		0.30
13:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	2.30E+05	2.30E+01	offscale		0.30
14:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale		0.30
14:15	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale		0.30
14:30	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale		1.00
14:45	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale		2.00
15:00	5.84E-05	1.70E-07	1.05E+04	8.73E+08	1.00E+05	offscale	2.30E+03	offscale		3.00
15:15	5.84E-05	1.70E-07	8.00E+04	1.14E+08	1.31E+04	offscale	2.30E+03	offscale		7.00
15:30	5.84E-05	1.70E-07	5.82E+04	1.57E+08	1.80E+04	offscale	2.30E+03	offscale		5.00
15:45	5.84E-05	1.70E-07	3.17E+04	2.88E+08	3.31E+04	offscale	2.30E+03	offscale		2.00
16:00	5.84E-05	1.70E-07	3.17E+04	2.88E+08	3.31E+04	offscale	2.30E+03	offscale		2.00

Containment

Event	TIME	Upper WS MPH	Lower WS MPH	Upper WD (from)	Lower WD (from)	Ambient Deg. C	Delta T Deg. C	EMP35 cpm
	5:00 AM	4.70	2.68	184	204	22.66	1.14	3.00E+01
	5:15	5.98	3.96	162	156	23.11	0.46	4.50E+01
	5:30	6.18	5.16	166	176	22.93	0.19	6.00E+01
	5:45	5.45	3.29	191	173	22.64	-0.15	7.50E+01
	6:00	3.57	2.15	178	168	22.48	-0.08	9.00E+01
	6:15	2.64	2.33	184	179	22.00	0.25	1.10E+02
	6:30	2.47	2.83	162	194	22.02	0.41	1.40E+02
	6:45	2.64	2.69	196	171	23.00	0.06	1.65E+02
	7:00	1.47	1.77	190	116	23.01	0.25	1.85E+02
	7:15	0.85	2.11	177	178	22.08	1.28	2.10E+02
	7:30	1.25	1.71	154	179	22.57	0.74	2.35E+02
	7:45	3.11	2.68	183	177	23.16	0.23	2.87E+02
	8:00	2.28	2.31	181	178	23.63	-0.13	3.10E+02
	8:15	2.18	2.12	203	181	23.83	-0.26	3.45E+02
	8:30	1.75	1.68	169	198	24.47	-0.33	4.05E+02
	8:45	2.47	2.34	166	178	25.40	-0.39	6.15E+02
SI	9:00	2.20	2.04	180	179	25.83	-0.43	6.50E+02
	9:15	2.76	2.05	181	179	25.93	-0.49	7.50E+03
	9:30	3.07	3.06	179	175	26.16	-0.33	1.70E+03
	9:45	3.34	3.21	180	173	26.42	-0.43	2.23E+03
	10:00	3.87	3.84	172	165	26.78	-0.51	2.75E+03
	10:15	4.62	3.98	176	177	27.10	-0.60	3.00E+03
	10:30	4.57	3.76	173	180	27.44	-0.76	3.50E+03
	10:45	4.72	4.34	169	178	27.68	-0.86	3.75E+03
	11:00	3.88	3.65	177	179	28.06	-0.77	4.10E+03
	11:15	4.38	4.16	181	177	28.43	-0.76	4.40E+03
	11:30	5.20	5.01	180	178	29.01	-0.89	4.89E+03
	11:45	5.40	4.92	178	181	29.41	-0.92	5.32E+03
	12:00	4.61	4.68	178	183	29.76	-0.91	5.78E+03
	12:15	5.19	5.24	180	178	30.26	-0.82	6.47E+03
	12:30	5.35	4.92	181	179	30.47	-0.91	7.15E+03
	12:45	6.25	3.75	183	179	30.62	-0.90	7.84E+03
	13:00	4.93	3.79	176	176	30.63	-0.85	8.53E+03
	13:15	5.34	3.12	174	166	31.17	-0.99	9.22E+03
	13:30	5.36	4.37	175	167	31.46	-1.02	9.90E+03
	13:45	5.18	4.36	175	180	31.50	-0.90	1.06E+04
	14:00	5.11	4.96	185	177	31.81	-1.00	1.13E+04
	14:15	5.76	3.56	188	183	31.95	-1.07	1.20E+04
	14:30	5.56	4.11	171	174	32.24	-1.11	1.27E+04
	14:45	5.22	3.06	182	165	32.17	-0.94	9.20E+05
	15:00	4.41	4.78	176	182	32.23	-0.83	offscale
	15:15	4.69	5.08	174	166	32.54	-0.86	offscale
	15:30	4.59	5.31	191	181	32.70	-0.98	offscale
	15:45	4.81	4.79	175	168	32.79	-0.85	offscale
	16:00	4.78	4.62	235	240	33.13	-0.65	offscale

Containment

EMF36L	EMF36H	EMF36HH	EMF37L	EMF38	EMF39L	EMF39H	EMF51A	EMF51B
cpm	cpm	R/hr	cpm	cpm	cpm	cpm	R/hr	R/hr
4.50E+01	1.50E+01	1.50E+00	6.00E+01	2.00E+03	3.54E+04	5.00E+00	7.00E+00	7.00E+00
1.50E+02	1.50E+01	1.50E+00	6.50E+01	2.00E+03	2.06E+05	2.91E+01	7.00E+00	7.00E+00
6.50E+02	1.50E+01	1.50E+00	1.20E+02	2.00E+03	5.47E+05	7.72E+01	7.00E+00	7.00E+00
6.75E+02	1.50E+01	1.50E+00	1.25E+02	2.00E+03	1.06E+06	1.49E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	1.30E+02	2.00E+03	1.57E+06	2.22E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	2.25E+02	2.00E+03	2.08E+06	2.94E+02	7.00E+00	1.00E+00
6.80E+02	1.50E+01	1.50E+00	2.50E+02	2.00E+03	2.59E+06	3.66E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	3.10E+06	4.38E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	3.61E+06	5.11E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	4.13E+06	5.83E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	4.64E+06	6.55E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	5.15E+06	7.27E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	5.66E+06	7.99E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	6.17E+06	8.72E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	6.68E+06	9.44E+02	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	7.19E+06	1.02E+03	7.00E+00	7.00E+00
6.80E+02	1.50E+01	1.50E+00	3.00E+01	2.00E+03	4.13E+07	5.83E+03	7.00E+00	7.00E+00
5.06E+05	5.82E+01	1.50E+00	3.00E+01	2.00E+03	1.09E+08	1.55E+04	7.00E+00	7.00E+00
2.17E+05	2.50E+01	1.50E+00	3.00E+01	2.00E+03	1.78E+08	2.51E+04	7.00E+00	7.00E+00
1.06E+05	1.22E+01	1.50E+00	3.00E+01	2.00E+03	2.46E+08	3.47E+04	7.00E+00	7.00E+00
1.06E+05	1.22E+01	1.50E+00	3.00E+01	2.00E+03	3.14E+08	4.43E+04	7.00E+00	7.00E+00
1.06E+05	1.22E+01	1.50E+00	3.00E+01	2.00E+03	3.82E+08	5.40E+04	7.00E+00	7.00E+00
1.06E+05	1.22E+01	1.50E+00	3.00E+01	2.00E+03	4.50E+08	6.36E+04	7.00E+00	7.00E+00
1.06E+05	1.22E+01	1.50E+00	3.00E+01	2.00E+03	5.19E+08	7.32E+04	7.00E+00	7.00E+00
2.17E+06	2.50E+02	1.50E+00	3.00E+01	2.00E+03	5.87E+08	8.29E+04	8.00E+03	7.00E+00
1.04E+06	1.20E+02	1.50E+00	3.00E+01	2.00E+03	6.55E+08	9.25E+04	4.20E+04	1.90E+01
2.61E+07	3.00E+03	1.50E+00	3.00E+01	2.00E+03	7.23E+08	1.02E+05	4.30E+04	5.18E+01
2.61E+07	3.00E+03	1.50E+00	3.00E+01	2.00E+03	7.91E+08	1.12E+05	4.40E+04	1.41E+02
2.61E+07	3.00E+03	1.50E+00	3.00E+01	2.00E+03	8.59E+08	1.21E+05	4.50E+04	3.83E+02
2.61E+07	3.00E+03	1.50E+00	3.00E+01	2.00E+03	9.28E+08	1.31E+05	3.50E+04	1.04E+03
1.30E+07	1.50E+03	1.50E+00	3.00E+01	2.00E+03	9.96E+08	1.41E+05	3.00E+04	2.83E+03
1.30E+07	1.50E+03	1.50E+00	3.00E+01	2.00E+03	1.06E+09	1.50E+05	2.80E+04	7.71E+03
1.30E+07	1.50E+03	1.50E+00	3.00E+01	6.00E+02	1.13E+09	1.60E+05	2.80E+04	1.40E+04
1.30E+07	1.50E+03	1.50E+00	4.10E+01	6.00E+02	1.20E+09	1.70E+05	2.30E+04	1.30E+04
1.30E+06	1.50E+02	1.50E+00	4.10E+01	6.00E+02	1.27E+09	1.79E+05	1.10E+03	1.30E+03
1.30E+06	1.50E+02	1.50E+00	4.10E+01	6.00E+02	1.34E+09	1.89E+05	1.10E+03	1.30E+03
1.30E+06	1.50E+02	1.50E+00	4.10E+01	6.00E+02	1.40E+09	1.98E+05	1.00E+03	1.20E+03
1.30E+06	1.50E+02	1.50E+00	4.10E+01	6.00E+02	1.47E+09	2.08E+05	1.00E+03	1.20E+03
1.30E+05	1.50E+01	1.50E+00	7.40E+03	5.40E+04	1.54E+09	2.18E+05	9.50E+02	1.60E+03
1.30E+05	1.50E+01	1.50E+00	9.90E+03	9.76E+05	1.61E+09	2.27E+05	8.50E+02	1.10E+03
1.30E+05	1.50E+01	1.50E+00	1.20E+04	6.12E+06	1.68E+09	2.37E+05	7.40E+02	1.10E+03
1.30E+05	1.50E+01	1.50E+00	1.40E+04	9.90E+09	1.75E+09	2.47E+05	6.50E+02	1.10E+03
1.30E+04	1.50E+00	1.50E+00	1.80E+04	9.90E+09	1.81E+09	2.56E+05	6.00E+02	1.00E+03
1.30E+04	1.50E+00	1.50E+00	3.00E+04	9.90E+09	1.88E+09	2.66E+05	5.75E+02	1.00E+03
1.30E+04	1.50E+00	1.50E+00	5.00E+04	9.90E+09	1.95E+09	2.75E+05	5.55E+02	9.00E+02

UNIT VENT								
X/Q	5.50E-05	36 (L) CF	1.09E-11	36(HH) CF	2.36E-04			
Xe DCF	33.6	I/Xe Ratio	2.91E-05	I/Xe Ratio	1.00E-02	2.91E-03		
CT DCF	2.26E+06	36(H) CF	9.44E-08	37 (H/L) CF	2.35E-10			
Time	(cpm)	(cpm)	(cfm)	(Ci/sec)	R/Br at site Boundary			In field
	EMP 36(L)	EMP 36(H)	Vent Flow	ONG	QI	Nob Gas	Chld Thy	SDDR
5:00 AM	4.50E+01	1.50E+01	1.05E+05	5.13E-05	1.49E-09	9.48E-08	1.86E-07	0.00
5:15	1.50E+02	1.73E-02	1.05E+05	1.71E-04	4.99E-09	3.16E-07	6.19E-07	0.00
5:30	6.50E+02	7.48E-02	1.05E+05	7.41E-04	2.16E-08	1.37E-06	2.68E-06	0.01
5:45	6.75E+02	7.77E-02	1.05E+05	7.70E-04	2.24E-08	1.42E-06	2.78E-06	0.01
6:00	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
6:15	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
6:30	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
6:45	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
7:00	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
7:15	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
7:30	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
7:45	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
8:00	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
8:15	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
8:30	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
8:45	6.80E+02	7.82E-02	1.05E+05	7.75E-04	2.26E-08	1.43E-06	2.80E-06	0.01
9:00	6.80E+02	7.82E-02	5.30E+04	3.91E-04	1.14E-08	7.23E-07	1.42E-06	0.01
9:15	5.06E+05	5.82E+01	5.30E+04	1.25E-01	1.45E-06	2.31E-04	1.81E-04	2.31
9:30	2.17E+05	2.50E+01	5.30E+04	1.25E-01	1.45E-07	2.31E-04	1.81E-05	2.31
9:45	1.06E+05	1.22E+01	5.30E+04	6.12E-02	7.12E-08	1.13E-04	8.85E-06	1.13
10:00	1.06E+05	1.22E+01	5.30E+04	6.12E-02	7.12E-08	1.13E-04	8.85E-06	1.13
10:15	1.06E+05	1.22E+01	5.30E+04	6.12E-02	7.12E-08	1.13E-04	8.85E-06	1.13
10:30	1.06E+05	1.22E+01	5.30E+04	6.12E-02	7.12E-08	1.13E-04	8.85E-06	1.13
10:45	1.06E+05	1.22E+01	5.30E+04	6.12E-02	7.12E-08	1.13E-04	8.85E-06	1.13
11:00	2.17E+06	2.50E+02	5.30E+04	1.25E+00	1.45E-04	2.31E-03	1.81E-02	23.10
11:15	1.04E+06	1.20E+02	5.30E+04	6.00E-01	6.00E-03	1.11E-03	7.46E-01	11.09
11:30	2.61E+07	3.00E+03	5.30E+04	1.50E+01	1.50E-01	2.77E-02	1.86E+01	277.20
11:45	2.61E+07	3.00E+03	5.30E+04	1.50E+01	1.50E-01	2.77E-02	1.86E+01	277.20
12:00	2.61E+07	3.00E+03	5.30E+04	1.50E+01	1.50E-01	2.77E-02	1.86E+01	277.20
12:15	2.61E+07	3.00E+03	5.30E+04	1.50E+01	1.50E-01	2.77E-02	1.86E+01	277.20
12:30	1.30E+07	1.50E+03	5.30E+04	7.50E+00	7.50E-02	1.39E-02	9.32E+00	138.60
12:45	1.30E+07	1.50E+03	5.30E+04	7.50E+00	7.50E-02	1.39E-02	9.32E+00	138.60
13:00	1.30E+07	1.50E+03	5.30E+04	7.50E+00	7.50E-02	1.39E-02	9.32E+00	138.60
13:15	1.30E+07	1.50E+03	5.30E+04	7.50E+00	7.50E-02	1.39E-02	9.32E+00	138.60
13:30	1.30E+06	1.50E+02	5.30E+04	7.50E-01	7.50E-03	1.39E-03	9.32E-01	13.86
13:45	1.30E+06	1.50E+02	5.30E+04	7.50E-01	7.50E-03	1.39E-03	9.32E-01	13.86
14:00	1.30E+06	1.50E+02	5.30E+04	7.50E-01	7.50E-03	1.39E-03	9.32E-01	13.86
14:15	1.30E+06	1.50E+02	5.30E+04	7.50E-01	7.50E-03	1.39E-03	9.32E-01	13.86
14:30	1.30E+05	1.50E+01	5.30E+04	7.50E-02	7.50E-04	1.39E-04	9.32E-02	1.39
14:45	1.30E+05	1.50E+01	5.30E+04	7.50E-02	7.50E-04	1.39E-04	9.32E-02	1.39
15:00	1.30E+05	1.50E+01	5.30E+04	7.50E-02	7.50E-04	1.39E-04	9.32E-02	1.39
15:15	1.30E+05	1.50E+01	5.30E+04	7.50E-02	7.50E-04	1.39E-04	9.32E-02	1.39
15:30	1.30E+04	1.50E+00	5.30E+04	7.50E-03	7.50E-05	1.39E-05	9.32E-03	0.14
15:45	1.30E+04	1.50E+00	5.30E+04	7.50E-03	7.50E-05	1.39E-05	9.32E-03	0.14
16:00	1.30E+04	1.50E+00	5.30E+04	7.50E-03	7.50E-05	1.39E-05	9.32E-03	0.14

UNIT VENT				
	EMP 36BH	EMP 37	EMP 37	UV- Iodine
	(HH)	cpm/min	reading	uCi/ml
5:00 AM	1.50E+00	0	3.00E+01	4.50E+01
5:15	1.50E+00	0	3.00E+01	1.50E+02
5:30	1.50E+00	2	3.00E+01	6.50E+02
5:45	1.50E+00	2	3.00E+01	6.75E+02
6:00	1.50E+00	2	3.00E+01	6.80E+02
6:15	1.50E+00	2	3.00E+01	6.80E+02
6:30	1.50E+00	2	3.00E+01	6.80E+02
6:45	1.50E+00	2	3.00E+01	6.80E+02
7:00	1.50E+00	2	3.00E+01	6.80E+02
7:15	1.50E+00	2	3.00E+01	6.80E+02
7:30	1.50E+00	2	3.00E+01	6.80E+02
7:45	1.50E+00	2	3.00E+01	6.80E+02
8:00	1.50E+00	2	3.00E+01	6.80E+02
8:15	1.50E+00	2	3.00E+01	6.80E+02
8:30	1.50E+00	2	3.00E+01	6.80E+02
8:45	1.50E+00	2	3.00E+01	6.80E+02
9:00	1.50E+00	2	3.00E+01	7.28E-05
9:15	1.50E+00	2.47E+02	4.65E+06	7.28E-05
9:30	1.50E+00	2.47E+01	4.73E+06	1.28E-06
9:45	1.50E+00	1.21E+01	4.81E+06	1.28E-06
10:00	1.50E+00	1.21E+01	4.89E+06	1.28E-06
10:15	1.50E+00	1.21E+01	4.97E+06	1.28E-06
10:30	1.50E+00	1.21E+01	5.06E+06	1.28E-06
10:45	1.50E+00	1.21E+01	5.14E+06	1.28E-06
11:00	1.50E+00	2.47E+04	3.88E+08	6.00E-03
11:15	1.50E+00	1.02E+06	7.71E+08	6.00E-03
11:30	1.50E+00	2.55E+07	1.15E+09	6.00E-03
11:45	1.50E+00	2.55E+07	1.54E+09	6.00E-03
12:00	1.50E+00	2.55E+07	1.73E+09	3.00E-03
12:15	1.50E+00	2.55E+07	1.92E+09	3.00E-03
12:30	1.50E+00	1.28E+07	2.11E+09	3.00E-03
12:45	1.50E+00	1.28E+07	2.30E+09	3.00E-03
13:00	1.50E+00	1.28E+07	2.31E+09	9.99E-05
13:15	1.50E+00	1.28E+07	2.32E+09	9.99E-05
13:30	1.50E+00	1.28E+06	2.32E+09	9.99E-05
13:45	1.50E+00	1.28E+06	2.33E+09	9.99E-05
14:00	1.50E+00	1.28E+06	2.33E+09	9.99E-05
14:15	1.50E+00	1.28E+06	2.34E+09	9.99E-05
14:30	1.50E+00	1.28E+05	4.25E+05	9.99E-05
14:45	1.50E+00	1.28E+05	4.25E+05	9.99E-05
15:00	1.50E+00	1.28E+05	1.70E+05	4.00E-05
15:15	1.50E+00	1.28E+05	1.70E+05	4.00E-05
15:30	1.50E+00	1.28E+04	1.70E+05	4.00E-05
15:45	1.50E+00	1.28E+04	1.70E+05	4.00E-05
16:00	1.50E+00	1.28E+04	1.70E+05	4.00E-05

In-plant Area/process Radiation Monitors

EMP	TIME			TIME			TIME			UNITS	Location
	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:00		
1	0.5	0.5	1	1.25	1.5	1.5	1.5	1.5	1.5	sr/hr	695' Aux Bldg
2	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	sr/hr	716' Aux Bldg
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	716' Aux Bldg
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	716' Aux Bldg
5	1	1	1	1	1	1	1	1	1	sr/hr	RM Lab
6	2	2	2	2	2	2	2	2	2	sr/hr	733' Aux Bldg
7	2	2	2	2	2	2	2	2	2	sr/hr	733' Aux Bldg
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	sr/hr	733' Aux Bldg
9	3	3	3	3	3	3	3	3	3	sr/hr	Incore Rm - Six
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	750' Aux Bldg
11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	sr/hr	Waste Drumming
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	Control Rm
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	sr/hr	775' Lab
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	760' RW Dock
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	sr/hr	Bot Mach Shop
16	3.00E+00	1.00E+01	2.00E+01	3.50E+01	6.00E+01	6.00E+01	6.00E+01	6.50E+01	6.50E+01	sr/hr	Rx Refuel Br
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	sr/hr	SFP Refuel Br
18	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	R/hr	WC #11C - A
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	R/hr	WC #11C - B
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	sr/hr	New Fuel-767*
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	sr/hr	New Fuel-767*
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	sr/hr	TSC-767*
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	767' AuxBldg
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	S/G -A
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	S/G -B
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	S/G -C
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	B/G/ -D
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	sr/hr	Diesel Gen

EMP	TIME										UNITS	Location
	7:15	7:30	7:45	8:00	8:15	8:30	8:45	9:00				
1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	SR/hr	695' Aux Bldg
2	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	SR/hr	716' Aux Bldg
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	716' Aux Bldg
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	716' Aux Bldg
5	1	1	1	1	1	1	1	1	1	1	SR/hr	NW Lab
6	2	2	2	2	2	2	2	2	2	2	SR/hr	733' Aux Bldg
7	2	2	2	2	2	2	2	2	2	2	SR/hr	733' Aux Bldg
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	SR/hr	733' Aux Bldg
9	3	3	3	3	3	3	3	3	3	3	SR/hr	Incorre Bar- Rk
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	750' Aux Bldg
11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	SR/hr	Waste Drumming
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	Control Rm
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	SR/hr	775' Lab
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	760' HW Dock
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	SR/hr	Hot Mach Shop
70	6.50E+01	6.50E+01	7.00E+01	7.00E+01	7.00E+01	9.00E+01	9.00E+01	1.00E+02			SR/hr	Rx Refuel Br
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	SR/hr	SPP Refuel Br
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	R/hr	NC Filtr - A
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	R/hr	NC Filtr - B
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	SR/hr	New Fuel-767'
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	SR/hr	New Fuel-767'
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	SR/hr	ESC-767'
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	767' AuxBldg
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	S/G - A
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	S/G - B
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	S/G - C
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	S/G/ -D
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	SR/hr	Diesel Gen

EMP	TIME			TIME				TIME			UNITS	Location
	9:15	9:30	9:45	10:00	10:15	10:30	10:45	11:00	11:15	11:30		
1	5	5	5	5	5	5	5	10	15	25	mR/hr	695' Aux Bldg
2	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	mR/hr	716' Aux Bldg
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	716' Aux Bldg
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	716' Aux Bldg
5*	1	1	1	1	1	1	1	1	1	1	mR/hr	NM Lab
6	2	2	2	2	2	2	2	2	2	2	mR/hr	733' Aux Bldg
7	2	2	2	2	2	2	2	2	2	2	mR/hr	733' Aux Bldg
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.1	1.2	mR/hr	733' Aux Bldg
9	3	3	3	3	3	3	3	3	3	3	mR/hr	Incore Em- Rx
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	750' Aux Bldg
11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	mR/hr	Waste Drumming
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	Control Rm
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	775' Lab
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	760' RW Dock
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	Hot Mach Shop
16	1.20E+02	1.25E+02	1.30E+02	1.35E+02	1.40E+02	1.50E+02	1.65E+02	1.70E+02	1.80E+02	1.90E+02	mR/hr	Rx Refuel Br
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	SFP Refuel Br
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	1.5	R/hr	NC Filt - A
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	1	R/hr	NC Filt - B
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	New Fuel-767'
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	New Fuel-767'
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	TSC-767'
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.5	11	20	mR/hr	767' AuxBldg
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -A
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -B
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -C
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G/ -D
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	Diesel Gen

EMP	TIME					TIME					UNITS	Location
	11:45	1200	1215	1230	1245	1300	1315	1330	1345			
1	150	175	225	275	300	450	625	700	800	mR/hr	695' Aux Bldg	
2	1	2	3	4	5	6	7	7.5	8	mR/hr	716' Aux Bldg	
3	0.2	0.2	0.2	0.2	5	12	12	12	12	mR/hr	716' Aux Bldg	
4	5	5.5	6	6.5	7	7	7	7	7	mR/hr	716' Aux Bldg	
5*	1 *	2 *	3 *	4 *	5 #	5 #	5 #	5 #	5 #	mR/hr	NM Lab	
6	4	5	7	7	7	7	7	7	7	mR/hr	733' Aux Bldg	
7	2	2	2	2	2	2	2	2	2	mR/hr	733' Aux Bldg	
8	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	mR/hr	733' Aux Bldg	
9	3	3	3	3	3	3	3	3	3	mR/hr	Incore Rm- Rx	
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	750' Aux Bldg	
11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	mR/hr	Waste Drumming	
12	0.25	0.25	0.3	0.3	0.35	0.4	0.4	0.45	0.5	mR/hr	Control Rm	
13	0.1	0.1	0.1	0.1	1.5	2	2	2.5	3	mR/hr	775' Lab	
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	760' HW Dock	
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	Hot Mach Shop	
16	2.00E+02	2.20E+02	2.30E+02	2.50E+02	2.70E+02	3.00E+02	4.00E+02	4.50E+02	6.00E+02	mR/hr	Rx Refuel Br	
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	SFF Refuel Br	
18	4	4.4	4.8	5.3	6.2	6.4	6.5	6.8	7.1	R/hr	WC Filt - A	
19	3.1	4	4.2	4.5	5.1	5.6	6.2	6.3	6.4	R/hr	WC Filt - B	
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	New Fuel-767'	
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	New Fuel-767'	
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	TSC-767'	
23	22	25	150	175	225	275	300	450	625	mR/hr	767' AuxBldg	
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -A	
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -B	
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -C	
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G/ -D	
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	Diesel Gen	

EMF	1400	1415	1430	1445	1500	1515	1530	1545	1600		
1	800	800	800	800	800	800	800	800	800	mR/hr	695' Aux Bldg
2	8	10	10	10	10	10	10	10	10	mR/hr	716' Aux Bldg
3	12	12	12	12	12	12	12	12	12	mR/hr	716' Aux Bldg
4	8	8	8	8	8	8	8	8	8	mR/hr	716' Aux Bldg
5	5 #	5 #	5 #	5 #	5 #	5 #	5 #	5 #	5 #	mR/hr	NM Lab
6	7	7	7	7	7	7	7	7	7	mR/hr	733' Aux Bldg
7	2	2	2	2	2	2	2	2	2	mR/hr	733' Aux Bldg
8	2.2	2.3	5.4	2.5	2.6	2.7	2.8	2.9	3	mR/hr	733' Aux Bldg
9	3	3	3	3	3	3	3	3	3	mR/hr	Incore Rm- Rx
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	750' Aux Bldg
11	0.9	1	1.2	1.5	1.5	1.5	1.5	1.5	1.5	mR/hr	Waste Drumming
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	mR/hr	Control Rm
13	3	3	3	5	6	6	6	6	6	mR/hr	775' Lab
14	3	4	5	8	8	8	8	8	8	mR/hr	760' RW Dock
15	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	mR/hr	Hot Mach Shop
16	1.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	2.00E+03	mR/hr	Rx Refuel Br
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	SFP Refuel Br
18	7.4	8	8	8	8	8	8	8	8	R/hr	NC Filt - A
19	7	7	7	7	7	7	7	7	7	R/hr	NC Filt - B
20	2	8	10	12	15	15	15	15	15	mR/hr	New Fuel-767'
21	3	10	15	18	20	20	20	20	20	mR/hr	New Fuel-767'
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	mR/hr	TSC-767'
23	700	800	800	800	800	800	800	800	800	mR/hr	767' AuxBldg
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -A
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -B
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G -C
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	S/G/ -D
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	mR/hr	Diesel Gen

	TIME				TIME				TIME							
	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:00							
EMP	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	MC
31	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	S/G Blowdown
32	3.00E+02	3.00E+02	3.00E+02	3.00E+02	1.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	CRAB
33	125	130	120	120	130	125	130	130	125	130	125	130	125	130	130	S/G Sample
34	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	UV Part
35	3.00E+01	4.50E+01	6.00E+01	7.50E+01	9.00E+01	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	UV Part
36																UV Gas
37																UV I2
38	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	R4 Part
39																Rx Gas
40																Rx I2
41	100	115	120	150	250	500	650	850	1000							RB Vent
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	SFP Vent
43 A&B	* 80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	CR Vent
44	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	VUCVT
45 A&B	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	RM
46A&B	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	EC
47	5.53E+04	7.03E+04	7.64E+04	7.52E+04	7.38E+04	7.27E+04	7.15E+04	7.02E+04	6.90E+04							733-Boron Rcys
48	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	MC
49L	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	WL
49H	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	WL
50	6.00E+02	6.00E+02	1.00E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	WG
51 A&B																Rx
52	1.00E-01	1.00E-01	1.00E-01	1.00E-01	2.00E-01	2.50E-01	3.00E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	Radwrt V
53	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	CP-w/ho
54 A&B	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	TSC

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EMP	TIME						TIME						UNIT
	7:15	7:30	7:45	8:00	8:15	8:30	8:45	9:00					
31	500	500	500	500	500	500	500	500	500	500	500	cpm	WC
32	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	cpm	S/G Blowdown
33	135	130	125	125	130	120	120	130	130	130	130	cpm	CSAB
34	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	cpm	S/G Sample
35	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	cpm	UV Part
36												cpm; R/hr	UV Gas
37												cpm	UV I2
38	600	600	600	600	600	600	600	600	600	600	600	cpm	Rx Part
39												cpm	Rx Gas
40												cpm	Sx I2
41	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	cpm	AB Vent
42	100	100	100	100	100	100	100	100	100	100	100	cpm	SFD Vent
43 A&B	80	80	80	80	80	80	80	80	80	80	80	cpm	CR Vent
44	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	5.00E+03	cpm	VIA/VT
45 A&B	150	150	150	150	150	150	150	150	150	150	150	cpm	RN
46A&B	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	cpm	SC
47	6.77E+04	6.65E+04	6.53E+04	6.39E+04	6.26E+04	6.12E+04	5.99E+04	5.85E+04	5.85E+04	5.85E+04	5.85E+04	cpm	333-Boron Reoyo
48	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	cpm	MC
49E	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	3.40E+03	cpm	WL
49H	10	10	10	10	10	10	10	10	10	10	10	cpm	WL
50	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	1.20E+03	cpm	WG
51 A&B												R/hr	Rx
52	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	3.50E-01	cpm	RADWAT V
53	60	60	60	60	60	60	60	60	60	60	60	cpm	CFM/Min
54 A&B	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	MR/hr	TSC

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	TIME					TIME						
	11:45	1200	1215	1230	1245	1300	1315	1330	1345			
EMF	11:45	1200	1215	1230	1245	1300	1315	1330	1345			
31	500	500	500	500	500	500	500	500	500	cpm	MC	
32	3,00E+02	3,00E+02	3,00E+02	3,00E+02	3,00E+02	3,00E+02	3,00E+02	3,00E+02	3,00E+02	cpm	S/G Biowdown	
33	120	130	125	130	125	130	135	130	125	cpm	CSAE	
34	6,00E+03	6,00E+03	6,00E+03	6,00E+03	6,00E+03	6,00E+03	6,00E+03	6,00E+03	6,00E+03	cpm	S/C Sample	
35	1,11E+04	1,40E+04	2,13E+04	2,50E+04	2,78E+04	2,92E+04	3,70E+04	5,60E+04	9,20E+05	cpm	UV Part	
36	See other pages for data in shaded areas										cpm/R/hr	UV Gas
37	See other pages for data in shaded areas										cpm	UV IZ
38	500	600	5,00E+02	8,00E+02	4,00E+02	6,00E+02	5,00E+02	4,00E+02	5,00E+02	cpm	Rx Part	
39	See other pages for data in shaded areas										cpm	Rx Gas
40	See other pages for data in shaded areas										cpm	Rx I2
41	1000	1000	1000	1000	1000	1000	1000	1000	1000	cpm	AB Vent	
42	100	100	100	100	100	100	100	100	100	cpm	SFP Vent	
43 A&B	130	450	180	360	420	600	720	1620	1600	cpm	CR Vent	
44	5,00E+03	5,00E+03	5,00E+03	5,00E+03	5,00E+03	5,00E+03	5,00E+03	5,00E+03	5,00E+03	cpm	VACVF	
45 A&B	150	150	150	150	150	150	150	150	150	cpm	PM	
46A&B	1,60E+05	1,60E+05	1,60E+05	1,60E+05	1,60E+05	1,60E+05	1,60E+05	1,60E+05	1,60E+05	cpm	KC	
47	7,00E+03	7,00E+03	7,00E+03	7,00E+03	7,00E+03	7,00E+03	7,00E+03	7,00E+03	7,00E+03	cpm	733*Boton Rcyo	
48	3,00E+05	5,20E+05	5,70E+04	5,70E+04	5,70E+04	5,70E+04	5,70E+04	5,70E+04	5,70E+04	cpm	MC	
49L	8,50E+04	8,50E+04	8,50E+04	8,50E+04	8,50E+04	8,50E+04	8,50E+04	8,50E+04	8,50E+04	cpm	WL	
49R	10	10	10	10	10	10	10	10	10	cpm	WL	
50	3,89E+03	3,89E+03	3,89E+03	3,89E+03	3,89E+03	3,89E+03	3,89E+03	3,89E+03	3,89E+03	cpm	MG	
51 A&B	See other pages for data in shaded areas										E/hr	Rx
52	4,00E-01	4,00E-01	4,00E-01	4,00E-01	4,00E-01	4,00E-01	4,00E-01	4,00E-01	4,00E-01	cpm	Radwet V	
53	60	60	60	60	60	60	60	60	60	cpm	CRWtize	
54 A&B	0.25	0.25	0.3	0.3	0.35	0.4	0.4	0.45	0.5	SR/hr	TSC	

	TIME				TIME				TIME				UNIT		
	1400	1415	1430	1445	1500	1515	1530	1545	1600						
3MP	1400	1415	1430	1445	1500	1515	1530	1545	1600						
31	500	500	500	500	500	500	500	500	500	cpm					WC
32	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	3.00E+02	cpm					S/G Bismuthm
33	125	135	130	120	125	135	135	130	125	cpm					CSAE
34	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	6.00E+03	cpm					S/G Sample
35	offscale	offscale	offscale	offscale	offscale	offscale	offscale	offscale	offscale	cpm					UV Part
36										cpm/R/hr					UV Gas
37										cpm					UV I2
38	6.10E+03	offscale	offscale	offscale	offscale	offscale	offscale	offscale	offscale	cpm					Rx Part
39										cpm					Rx Gas
40										cpm					Rx I2
41	1000	1000	1000	1000	1000	1000	1000	1000	1000	cpm					AB Vent
42	100	100	100	100	100	100	100	100	100	cpm					SFP Vent
43 A&B	1800	1800	1800	1800 *	1800	1800	1800	1800	1800	cpm					* CR Vent
44	offscale	offscale	offscale	offscale	offscale	offscale	offscale	offscale	offscale	cpm					VUCTV
45 A&B	150	150	150	150	150	150	150	150	150	cpm					RM
46A&B	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	1.60E+05	cpm					KC
47	7.00E+03	7.00E+03	7.00E+03	7.00E+03	7.00E+03	7.00E+03	7.00E+03	7.00E+03	7.00E+03	cpm					333*Bottom Bcyc
48	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	5.70E+04	cpm					NC
49E	8.50E+04	8.50E+04	8.50E+04	8.50E+04	8.50E+04	8.50E+04	8.50E+04	8.50E+04	8.50E+04	cpm					MC
49B	10	10	10	10	10	10	10	10	10	cpm					ML
50	3.89E+03	3.89E+03	3.89E+03	3.89E+03	3.89E+03	3.89E+03	3.89E+03	3.89E+03	3.89E+03	cpm					MG
51 A&B										R/hr					Fx
52	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	4.00E-01	cpm					Racet V
53	60	60	60	60	60	60	60	60	60	cpm					Crash
54 A&B	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	R/hr					TSC

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CONTAINMENT		Expected Response							
39 (L) CP	6.39E-18	Use these for Drill							
39 (H) CP	5.56E-14	QNG	QI	LeakRate	EMP 39(L)	EMP 39(H)	EMP 39(L)	EMP 39(H)	EMP 40
5:00 AM		3.86E-06	1.12393E-08	1.05E+04	5.77E+07	6.64E+03	3.50E+04	1.00E+01	6.00E+02
5:15		1.29E-05	3.74644E-08	1.05E+04	1.92E+08	2.21E+04	3.50E+04	1.00E+01	6.00E+02
5:30		5.58E-05	1.62346E-07	1.05E+04	8.34E+08	9.59E+04	3.50E+04	1.00E+01	6.00E+02
5:45		5.79E-05	1.6859E-07	1.05E+04	8.66E+08	9.96E+04	3.50E+04	1.00E+01	6.00E+02
6:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
6:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
6:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
6:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
7:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
7:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
7:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
7:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
8:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
8:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
8:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
8:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
9:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
9:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
9:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
9:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
10:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
10:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
10:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
10:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
11:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
11:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
11:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
11:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
12:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
12:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
12:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
12:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
13:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02
13:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	1.00E+05	1.15E+01	1.00E+04
13:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	3.00E+06
13:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale
14:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale
14:15		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale
14:30		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale
14:45		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale
15:00		5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	offscale	2.30E+01	offscale
15:15		5.84E-05	1.69838E-07	8.00E+04	1.14E+08	1.31E+04	offscale	2.30E+03	offscale
15:30		5.84E-05	1.69838E-07	5.82E+04	1.57E+08	1.80E+04	offscale	2.30E+03	offscale
15:45		5.84E-05	1.69838E-07	3.17E+04	2.88E+08	3.31E+04	offscale	2.30E+03	offscale
16:00		5.84E-05	1.69838E-07	3.17E+04	2.88E+08	3.31E+04	offscale	2.30E+03	offscale

Rx now gas iodine

CONTAINMENT

(L) 6.39E-18
(H) 5.56E-14

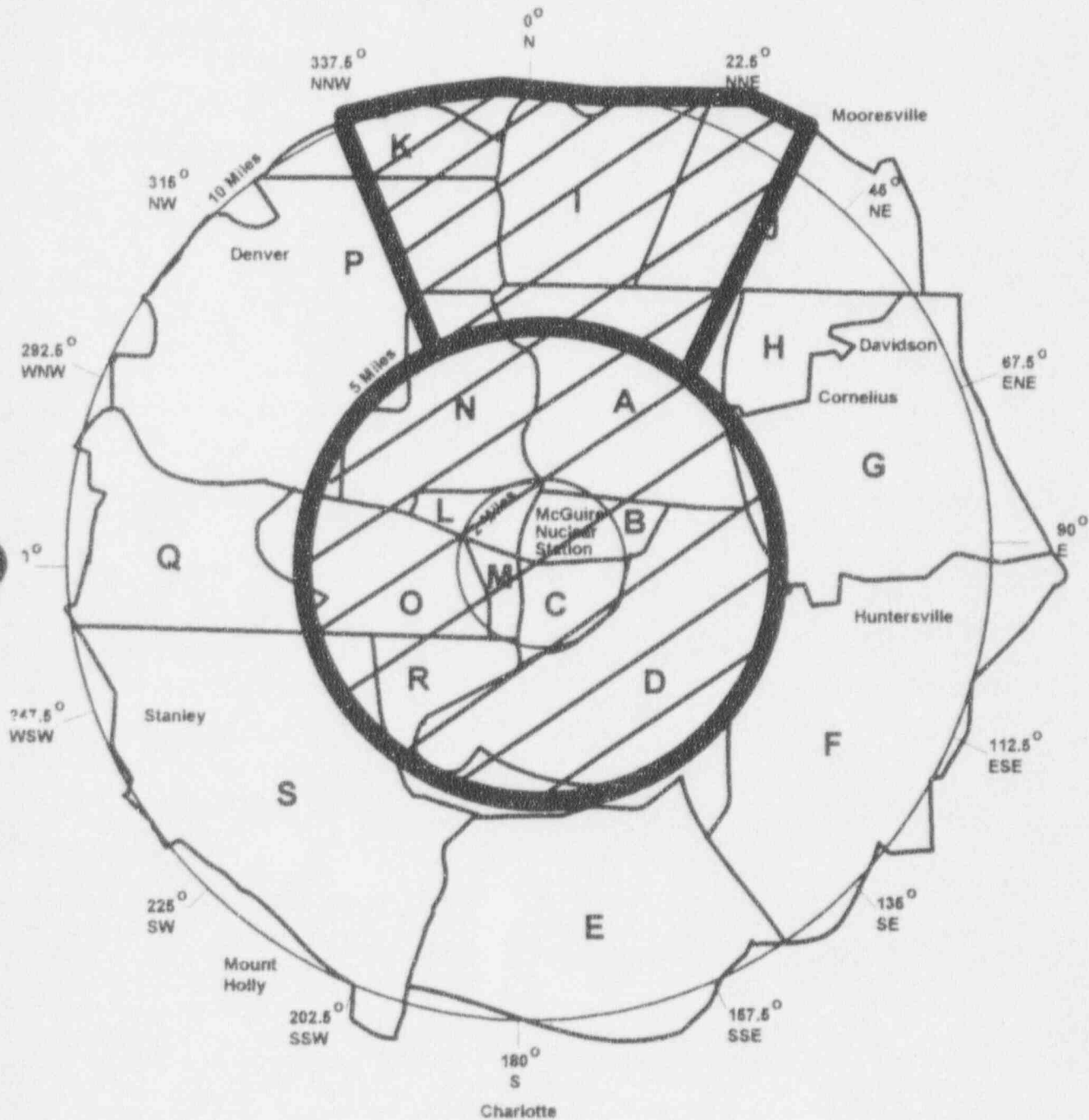
Expected Response these for Drill

psig
↓

	QNG	QI	LeakRate	MF 39(L)	EMF 39(H)	EMF 39(L)	MF 39(H)	EMF 40	Cont. Pz
#####	3.86E-06	1.12393E-08	1.05E+04	5.77E+07	6.64E+03	3.50E+04	1.00E+01	6.00E+02	0.15
5:15	1.29E-05	3.74644E-08	1.05E+04	1.92E+08	2.21E+04	3.50E+04	1.00E+01	6.00E+02	0.15
5:30	5.58E-05	1.62346E-07	1.05E+04	8.34E+08	9.59E+04	3.50E+04	1.00E+01	6.00E+02	0.15
5:45	5.79E-05	1.6859E-07	1.05E+04	8.66E+08	9.96E+04	3.50E+04	1.00E+01	6.00E+02	0.15
6:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.15
6:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.15
6:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.15
6:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
7:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
7:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
7:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
7:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
8:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
8:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
8:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.16
8:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
9:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
9:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
9:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
9:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
10:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
10:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
10:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
10:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
11:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
11:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
11:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
11:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
12:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
12:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
12:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
12:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
13:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	3.50E+04	1.00E+01	6.00E+02	0.00
13:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	1.00E+05	1.15E+01	1.00E+04	0.18
13:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	3.00E+06	0.30
13:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale	0.30
14:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale	0.30
14:15	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale	0.30
14:30	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale	1.00
14:45	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	2.00E+05	2.30E+01	offscale	2.00
15:00	5.84E-05	1.69838E-07	1.05E+04	8.73E+08	1.00E+05	offscale	2.30E+03	offscale	3.00
15:15	5.84E-05	1.69838E-07	8.00E+04	1.14E+08	1.31E+04	offscale	2.30E+03	offscale	7.00
15:30	5.84E-05	1.69838E-07	5.82E+04	1.57E+08	1.80E+04	offscale	2.30E+03	offscale	5.00
15:45	5.84E-05	1.69838E-07	3.17E+04	2.88E+08	3.31E+04	offscale	2.30E+03	offscale	2.00
16:00	5.84E-05	1.69838E-07	3.17E+04	2.88E+08	3.31E+04	offscale	2.30E+03	offscale	2.00

DUKE POWER COMPANY
McGUIRE NUCLEAR STATION
FIGURE i-1

10 MILE EPZ



Total Release for Off Site Data

TOTAL RELEASE (FOR OFF SITE DATA)							0.5 MILE	
TIME	CONTAINMENT		UNIT VENT		TOTAL RELEASE		X/Q= Whole body (mRem/hr)	9.50E-05 Thyroid (mRem/hr)
	Xe-133 eq. (Ci/sec)	I-131 eq. (Ci/sec)	Xe-133 eq. (Ci/sec)	I-131 eq. (Ci/sec)	Xe-133 eq. (Ci/sec)	I-131 eq. (Ci/sec)		
5:00 AM	3.86E-06	1.12E-08	5.13E-05	1.49E-09	5.52E-05	1.27E-08	1.76E-04	2.73E-03
5:15	1.29E-05	3.75E-08	1.71E-04	4.98E-09	1.84E-04	4.24E-08	5.87E-04	9.11E-03
5:30	5.58E-05	1.62E-07	7.41E-04	2.16E-08	7.97E-04	1.84E-07	2.54E-03	3.95E-02
5:45	5.79E-05	1.69E-07	7.70E-04	2.24E-08	8.28E-04	1.91E-07	2.64E-03	4.10E-02
6:00	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
6:15	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
6:30	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
6:45	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
7:00	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
7:15	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
7:30	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
7:45	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
8:00	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
8:15	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
8:30	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
8:45	5.84E-05	1.70E-07	7.75E-04	2.26E-08	8.34E-04	1.92E-07	2.66E-03	4.13E-02
9:00	5.84E-05	1.70E-07	3.91E-04	1.14E-08	4.50E-04	1.81E-07	1.44E-03	3.89E-02
9:15	5.84E-05	1.70E-07	1.25E-01	1.45E-06	1.25E-01	1.62E-06	3.99E-01	3.49E-01
9:30	5.84E-05	1.70E-07	1.25E-01	1.45E-07	1.25E-01	3.15E-07	3.99E-01	6.77E-02
9:45	5.84E-05	1.70E-07	6.12E-02	7.12E-08	6.13E-02	2.41E-07	1.96E-01	5.18E-02
10:00	5.84E-05	1.70E-07	6.12E-02	7.12E-08	6.13E-02	2.41E-07	1.96E-01	5.18E-02
10:15	5.84E-05	1.70E-07	6.12E-02	7.12E-08	6.13E-02	2.41E-07	1.96E-01	5.18E-02
10:30	5.84E-05	1.70E-07	6.12E-02	7.12E-08	6.13E-02	2.41E-07	1.96E-01	5.18E-02
10:45	5.84E-05	1.70E-07	6.12E-02	7.12E-08	6.13E-02	2.41E-07	1.96E-01	5.18E-02
11:00	5.84E-05	1.70E-07	1.25E+00	1.45E-04	1.25E+00	1.46E-04	3.99E+00	3.13E+01
11:15	5.84E-05	1.70E-07	6.00E-01	6.00E-03	6.00E-01	6.00E-03	1.92E+00	1.29E+03
11:30	5.84E-05	1.70E-07	1.50E+01	1.50E-01	1.50E+01	1.50E-01	4.79E+01	3.22E+04
11:45	5.84E-05	1.70E-07	1.50E+01	1.50E-01	1.50E+01	1.50E-01	4.79E+01	3.22E+04
12:00	5.84E-05	1.70E-07	1.50E+01	1.50E-01	1.50E+01	1.50E-01	4.79E+01	3.22E+04
12:15	5.84E-05	1.70E-07	1.50E+01	1.50E-01	1.50E+01	1.50E-01	4.79E+01	3.22E+04
12:30	5.84E-05	1.70E-07	7.50E+00	7.50E-02	7.50E+00	7.50E-02	2.39E+01	1.61E+04
12:45	5.84E-05	1.70E-07	7.50E+00	7.50E-02	7.50E+00	7.50E-02	2.39E+01	1.61E+04
13:00	5.84E-05	1.70E-07	7.50E+00	7.50E-02	7.50E+00	7.50E-02	2.39E+01	1.61E+04
13:15	5.84E-05	1.70E-07	7.50E+00	7.50E-02	7.50E+00	7.50E-02	2.39E+01	1.61E+04
13:30	5.84E-05	1.70E-07	7.50E-01	7.50E-03	7.50E-01	7.50E-03	2.39E+00	1.61E+03
13:45	5.84E-05	1.70E-07	7.50E-01	7.50E-03	7.50E-01	7.50E-03	2.39E+00	1.61E+03
14:00	5.84E-05	1.70E-07	7.50E-01	7.50E-03	7.50E-01	7.50E-03	2.39E+00	1.61E+03
14:15	5.84E-05	1.70E-07	7.50E-01	7.50E-03	7.50E-01	7.50E-03	2.39E+00	1.61E+03
14:30	5.84E-05	1.70E-07	7.50E-02	7.50E-04	7.51E-02	7.50E-04	2.40E-01	1.61E+02
14:45	5.84E-05	1.70E-07	7.50E-02	7.50E-04	7.51E-02	7.50E-04	2.40E-01	1.61E+02
15:00	5.84E-05	1.70E-07	7.50E-02	7.50E-04	7.51E-02	7.50E-04	2.40E-01	1.61E+02
15:15	5.84E-05	1.70E-07	7.50E-02	7.50E-04	7.51E-02	7.50E-04	2.40E-01	1.61E+02
15:30	5.84E-05	1.70E-07	7.50E-03	7.50E-05	7.56E-03	7.52E-05	2.41E-02	1.61E+01
15:45	5.84E-05	1.70E-07	7.50E-03	7.50E-05	7.56E-03	7.52E-05	2.41E-02	1.61E+01
16:00	5.84E-05	1.70E-07	7.50E-03	7.50E-05	7.56E-03	7.52E-05	2.41E-02	1.61E+01

The plume has not yet reached the shaded areas - do not give out this data.

Total Release for Off Site Data

TIME	1 MILE		2 MILES		3 MILES		4 MILES	
	X/Q ^w Whole body (mRem/hr)	3.50E-05 Thyroid (mRem/hr)	X/Q ^w Whole body (mRem/hr)	1.20E-05 Thyroid (mRem/hr)	X/Q ^w Whole body (mRem/hr)	1.68E-05 Thyroid (mRem/hr)	X/Q ^w Whole body (mRem/hr)	4.25E-06 Thyroid (mRem/hr)
5:00 AM	6.49E-05	1.01E-03	2.22E-05	3.45E-04	3.11E-05	4.82E-04	7.88E-06	1.22E-04
5:15	7.18E-04	3.36E-03	7.42E-05	1.15E-03	1.04E-04	1.61E-03	2.63E-05	4.08E-04
5:30	9.37E-04	1.45E-02	3.21E-04	4.99E-03	4.49E-04	6.96E-03	1.14E-04	1.77E-03
5:45	9.73E-04	1.51E-02	3.34E-04	5.18E-03	4.66E-04	7.23E-03	1.18E-04	1.83E-03
6:00	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
6:15	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
6:30	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
6:45	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
7:00	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
7:15	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
7:30	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
7:45	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
8:00	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
8:15	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
8:30	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
8:45	9.81E-04	1.52E-02	3.36E-04	5.22E-03	4.69E-04	7.28E-03	1.19E-04	1.85E-03
9:00	5.29E-04	1.43E-02	1.81E-04	4.91E-03	2.53E-04	6.86E-03	6.42E-05	1.74E-03
9:15	1.47E-01	1.78E-01	5.04E-02	4.40E-02	7.04E-02	6.15E-02	1.79E-02	1.56E-02
9:30	1.47E-01	2.49E-02	5.04E-02	8.55E-03	7.04E-02	1.19E-02	1.79E-02	3.03E-03
9:45	7.20E-02	1.91E-02	2.47E-02	6.54E-03	3.45E-02	9.12E-03	8.75E-03	2.32E-03
10:00	7.20E-02	1.91E-02	2.47E-02	6.54E-03	3.45E-02	9.12E-03	8.75E-03	2.32E-03
10:15	7.20E-02	1.91E-02	2.47E-02	6.54E-03	3.45E-02	9.12E-03	8.75E-03	2.32E-03
10:30	7.20E-02	1.91E-02	2.47E-02	6.54E-03	3.45E-02	9.12E-03	8.75E-03	2.32E-03
10:45	7.20E-02	1.91E-02	2.47E-02	6.54E-03	3.45E-02	9.12E-03	8.75E-03	2.32E-03
11:00	1.47E+00	1.15E+01	5.04E-01	3.95E+00	7.04E-01	5.51E+00	1.79E-01	1.40E+00
11:15	7.06E-01	4.75E+02	2.42E-01	1.63E+02	3.38E-01	2.27E+02	6.57E-02	5.76E+01
11:30	1.76E+01	1.19E+04	6.05E+00	4.07E+03	8.44E+00	5.68E+03	2.14E+00	1.44E+03
11:45	1.76E+01	1.19E+04	6.05E+00	4.07E+03	8.44E+00	5.68E+03	2.14E+00	1.44E+03
12:00	1.76E+01	1.19E+04	6.05E+00	4.07E+03	8.44E+00	5.68E+03	2.14E+00	1.44E+03
12:15	1.76E+01	1.19E+04	6.05E+00	4.07E+03	8.44E+00	5.68E+03	2.14E+00	1.44E+03
12:30	8.82E+00	5.93E+03	3.02E+00	2.03E+03	4.22E+00	2.84E+03	1.07E+00	7.20E+02
12:45	8.82E+00	5.93E+03	3.02E+00	2.03E+03	4.22E+00	2.84E+03	1.07E+00	7.20E+02
13:00	8.82E+00	5.93E+03	3.02E+00	2.03E+03	4.22E+00	2.84E+03	1.07E+00	7.20E+02
13:15	8.82E+00	5.93E+03	3.02E+00	2.03E+03	4.22E+00	2.84E+03	1.07E+00	7.20E+02
13:30	8.82E-01	5.93E+02	3.02E-01	2.03E+02	4.22E-01	2.84E+02	1.07E-01	7.20E+01
13:45	8.82E-01	5.93E+02	3.02E-01	2.03E+02	4.22E-01	2.84E+02	1.07E-01	7.20E+01
14:00	8.82E-01	5.93E+02	3.02E-01	2.03E+02	4.22E-01	2.84E+02	1.07E-01	7.20E+01
14:15	8.82E-01	5.93E+02	3.02E-01	2.03E+02	4.22E-01	2.84E+02	1.07E-01	7.20E+01
14:30	8.83E-02	5.93E+01	3.03E-02	2.03E+01	4.22E-02	2.84E+01	1.07E-02	7.21E+00
14:45	8.83E-02	5.93E+01	3.03E-02	2.03E+01	4.22E-02	2.84E+01	1.07E-02	7.21E+00
15:00	8.83E-02	5.93E+01	3.03E-02	2.03E+01	4.22E-02	2.84E+01	1.07E-02	7.21E+00
15:15	8.83E-02	5.93E+01	3.03E-02	2.03E+01	4.22E-02	2.84E+01	1.07E-02	7.21E+00
15:30	8.89E-03	5.95E+00	3.05E-03	2.04E+00	4.25E-03	2.85E+00	1.08E-03	7.22E-01
15:45	8.89E-03	5.95E+00	3.05E-03	2.04E+00	4.25E-03	2.85E+00	1.08E-03	7.22E-01
16:00	8.89E-03	5.95E+00	3.05E-03	2.04E+00	4.25E-03	2.85E+00	1.08E-03	7.22E-01

The plume has not yet reached the shaded areas - do not give out this data.

Total Release for Off Site Data

TIME	5 MILES		6 MILES		7 MILES		8 MILES	
	X/Q=	3.00E-06	X/Q=	2.30E-06	X/Q=	1.83E-06	X/Q=	1.50E-06
	Whole body (mRem/hr)	Thyroid (mRem/hr)	Whole body (mRem/hr)	Thyroid (mRem/hr)	Whole body (mRem/hr)	Thyroid (mRem/hr)	Whole body (mRem/hr)	Thyroid (mRem/hr)
5:00 AM	5.56E-06	8.63E-05	4.26E-06	6.62E-05	3.38E-06	5.25E-05	2.78E-06	4.32E-05
5:15	1.85E-05	2.88E-04	1.42E-05	2.21E-04	1.13E-05	1.75E-04	9.27E-06	1.44E-04
5:30	8.03E-05	1.25E-03	6.16E-05	9.56E-04	4.89E-05	7.59E-04	4.02E-05	6.23E-04
5:45	8.34E-05	1.29E-03	6.40E-05	9.93E-04	5.08E-05	7.86E-04	4.17E-05	6.47E-04
6:00	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
6:15	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
6:30	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
6:45	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
7:00	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
7:15	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
7:30	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
7:45	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
8:00	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
8:15	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
8:30	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
8:45	8.40E-05	1.30E-03	6.44E-05	1.00E-03	5.11E-05	7.94E-04	4.20E-05	6.52E-04
9:00	4.53E-05	1.23E-03	3.48E-05	9.42E-04	2.76E-05	7.47E-04	2.27E-05	6.14E-04
9:15	1.26E-02	1.10E-02	9.66E-03	8.44E-03	7.67E-03	6.70E-03	6.30E-03	5.51E-03
9:30	1.26E-02	2.14E-03	9.66E-03	1.64E-03	7.67E-03	1.30E-03	6.30E-03	1.07E-03
9:45	6.17E-03	1.63E-03	4.73E-03	1.25E-03	3.76E-03	9.94E-04	3.09E-03	8.17E-04
10:00	6.17E-03	1.63E-03	4.73E-03	1.25E-03	3.76E-03	9.94E-04	3.09E-03	8.17E-04
10:15	6.17E-03	1.63E-03	4.73E-03	1.25E-03	3.76E-03	9.94E-04	3.09E-03	8.17E-04
10:30	6.17E-03	1.63E-03	4.73E-03	1.25E-03	3.76E-03	9.94E-04	3.09E-03	8.17E-04
10:45	6.17E-03	1.63E-03	4.73E-03	1.25E-03	3.76E-03	9.94E-04	3.09E-03	8.17E-04
11:00	1.26E-01	9.87E-01	9.66E-02	7.57E-01	7.67E-02	6.09E-01	6.30E-02	4.94E-01
11:15	6.05E-02	4.07E+01	4.64E-02	3.12E+01	3.68E-02	2.47E+01	3.02E-02	2.03E+01
11:30	1.51E+00	1.02E+03	1.16E+00	7.80E+02	9.20E-01	6.19E+02	7.56E-01	5.09E+02
11:45	1.51E+00	1.02E+03	1.16E+00	7.80E+02	9.20E-01	6.19E+02	7.56E-01	5.09E+02
12:00	1.51E+00	1.02E+03	1.16E+00	7.80E+02	9.20E-01	6.19E+02	7.56E-01	5.09E+02
12:15	1.51E+00	1.02E+03	1.16E+00	7.80E+02	9.20E-01	6.19E+02	7.56E-01	5.09E+02
12:30	7.56E-01	5.09E+02	5.80E-01	3.90E+02	4.60E-01	3.09E+02	3.78E-01	2.54E+02
12:45	7.56E-01	5.09E+02	5.80E-01	3.90E+02	4.60E-01	3.09E+02	3.78E-01	2.54E+02
13:00	7.56E-01	5.09E+02	5.80E-01	3.90E+02	4.60E-01	3.09E+02	3.78E-01	2.54E+02
13:15	7.56E-01	5.09E+02	5.80E-01	3.90E+02	4.60E-01	3.09E+02	3.78E-01	2.54E+02
13:30	7.56E-02	5.09E+01	5.80E-02	3.90E+01	4.60E-02	3.09E+01	3.78E-02	2.54E+01
13:45	7.56E-02	5.09E+01	5.80E-02	3.90E+01	4.60E-02	3.09E+01	3.78E-02	2.54E+01
14:00	7.56E-02	5.09E+01	5.80E-02	3.90E+01	4.60E-02	3.09E+01	3.78E-02	2.54E+01
14:15	7.56E-02	5.09E+01	5.80E-02	3.90E+01	4.60E-02	3.09E+01	3.78E-02	2.54E+01
14:30	7.57E-03	5.09E+00	5.80E-03	3.90E+00	4.60E-03	3.09E+00	3.78E-03	2.54E+00
14:45	7.57E-03	5.09E+00	5.80E-03	3.90E+00	4.60E-03	3.09E+00	3.78E-03	2.54E+00
15:00	7.57E-03	5.09E+00	5.80E-03	3.90E+00	4.60E-03	3.09E+00	3.78E-03	2.54E+00
15:15	7.57E-03	5.09E+00	5.80E-03	3.90E+00	4.60E-03	3.09E+00	3.78E-03	2.54E+00
15:30	7.62E-04	5.10E-01	5.84E-04	3.91E-01	4.63E-04	3.10E-01	3.81E-04	2.55E-01
15:45	7.62E-04	5.10E-01	5.84E-04	3.91E-01	4.63E-04	3.10E-01	3.81E-04	2.55E-01
16:00	7.62E-04	5.10E-01	5.84E-04	3.91E-01	4.63E-04	3.10E-01	3.81E-04	2.55E-01

se plume has not yet reached the shaded areas - do not give out this data.

Total Release for Off Site Data

TIME	9 MILES		10 MILES	
	X/Q= Whole body (mRem/hr)	1.25E-06 Thyroid (mRem/hr)	X/Q= Whole body (mRem/hr)	1.08E-06 Thyroid (mRem/hr)
5:00 AM	2.32E-06	3.60E-05	1.99E-06	3.09E-05
5:15	7.72E-05	1.20E-04	6.64E-06	1.03E-04
5:30	3.35E-05	5.20E-04	2.88E-05	4.47E-04
5:45	3.48E-05	5.40E-04	2.99E-05	4.64E-04
6:00	3.50E-05	5.44E-04	3.01E-05	4.67E-04
6:15	3.50E-05	5.44E-04	3.01E-05	4.67E-04
6:30	3.50E-05	5.44E-04	3.01E-05	4.67E-04
6:45	3.50E-05	5.44E-04	3.01E-05	4.67E-04
7:00	3.50E-05	5.44E-04	3.01E-05	4.67E-04
7:15	3.50E-05	5.44E-04	3.01E-05	4.67E-04
7:30	3.50E-05	5.44E-04	3.01E-05	4.67E-04
7:45	3.50E-05	5.44E-04	3.01E-05	4.67E-04
8:00	3.50E-05	5.44E-04	3.01E-05	4.67E-04
8:15	3.50E-05	5.44E-04	3.01E-05	4.67E-04
8:30	3.50E-05	5.44E-04	3.01E-05	4.67E-04
8:45	3.50E-05	5.44E-04	3.01E-05	4.67E-04
9:00	1.89E-05	5.12E-04	1.62E-05	4.40E-04
9:15	5.25E-03	4.59E-03	4.52E-03	3.95E-03
9:30	5.25E-03	8.91E-04	4.52E-03	7.66E-04
9:45	2.57E-03	6.81E-04	2.21E-03	5.86E-04
10:00	2.57E-03	6.81E-04	2.21E-03	5.86E-04
10:15	2.57E-03	6.81E-04	2.21E-03	5.86E-04
10:30	2.57E-03	6.81E-04	2.21E-03	5.86E-04
10:45	2.57E-03	6.81E-04	2.21E-03	5.86E-04
11:00	5.25E-02	4.11E-01	4.52E-02	3.54E-01
11:15	2.52E-02	1.70E+01	2.17E-02	1.86E+01
11:30	6.30E-01	4.24E+02	5.42E-01	3.64E+02
11:45	6.30E-01	4.24E+02	5.42E-01	3.64E+02
12:00	6.30E-01	4.24E+02	5.42E-01	3.64E+02
12:15	6.30E-01	4.24E+02	5.42E-01	3.64E+02
12:30	3.15E-01	2.12E+02	2.71E-01	1.82E+02
12:45	3.15E-01	2.12E+02	2.71E-01	1.82E+02
13:00	3.15E-01	2.12E+02	2.71E-01	1.82E+02
13:15	3.15E-01	2.12E+02	2.71E-01	1.82E+02
13:30	3.15E-02	2.12E+01	2.71E-02	1.82E+01
13:45	3.15E-02	2.12E+01	2.71E-02	1.82E+01
14:00	3.15E-02	2.12E+01	2.71E-02	1.82E+01
14:15	3.15E-02	2.12E+01	2.71E-02	1.82E+01
14:30	3.15E-03	2.12E+00	2.71E-03	1.82E+00
14:45	3.15E-03	2.12E+00	2.71E-03	1.82E+00
15:00	3.15E-03	2.12E+00	2.71E-03	1.82E+00
15:15	3.15E-03	2.12E+00	2.71E-03	1.82E+00
15:30	3.17E-04	2.12E-01	2.73E-04	1.83E-01
15:45	3.17E-04	2.12E-01	2.73E-04	1.83E-01
16:00	3.17E-04	2.12E-01	2.73E-04	1.83E-01

Offsite Field Data

Field Data DOSE RATES TIME	0.5 MILE		1 MILE		2 MILES		3 MILES	
	cntrline	out edge	cntrline	out edge	cntrline	out edge	cntrline	out edge
	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:30	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
5:45	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
6:00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
6:15	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
6:30	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
6:45	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
7:00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
7:15	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
7:30	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
7:45	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
8:00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
8:15	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
8:30	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
8:45	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
9:00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
9:15	4	2	1.47	0.74	0.50	0.25	0.70	0.35
9:30	4	2	1.47	0.74	0.50	0.25	0.70	0.35
9:45	2	1	0.72	0.36	0.25	0.12	0.34	0.17
10:00	2	1	0.72	0.36	0.25	0.12	0.34	0.17
10:15	2	1	0.72	0.36	0.25	0.12	0.34	0.17
10:30	2	1	0.72	0.36	0.25	0.12	0.34	0.17
10:45	2	1	0.72	0.36	0.25	0.12	0.34	0.17
11:00	40	20	15	7	5	3	7	4
11:15	19	10	7	4	2.42	1.21	3.38	1.69
11:30	479	239	176	88	60	30.24	84	42
11:45	479	239	176	88	60	30.24	84	42
12:00	479	239	176	88	60	30.24	84	42
12:15	479	239	176	88	60	30.24	84	42
12:30	239	120	88	44	30	15.12	42	21
12:45	239	120	88	44	30	15.12	42	21
13:00	239	120	88	44	30	15.12	42	21
13:15	239	120	88	44	30	15.12	42	21
13:30	24	12	9	4.41	3	1.51	4.22	2.11
13:45	24	12	9	4.41	3	1.51	4.22	2.11
14:00	24	12	9	4.41	3	1.51	4.22	2.11
14:15	24	12	9	4.41	3	1.51	4.22	2.11
14:30	2.40	1.20	0.88	0.44	0.30	0.15	0.42	0.21
14:45	2.40	1.20	0.88	0.44	0.30	0.15	0.42	0.21
15:00	2.40	1.20	0.88	0.44	0.30	0.15	0.42	0.21
15:15	2.40	1.20	0.88	0.44	0.30	0.15	0.42	0.21
15:30	0.24	0.12	0.09	0.04	0.03	0.02	0.04	0.02
15:45	0.24	0.12	0.09	0.04	0.03	0.02	0.04	0.02
16:00	0.24	0.12	0.09	0.04	0.03	0.02	0.04	0.02

The plume has not yet reached the shaded areas - do not give out this data.

Offsite Field Data

TIME	4 MILES		5 MILES		6 MILES		7 MILES	
	cntrline	out edge	cntrline	out edge	cntrline	out edge	cntrline	out edge
	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr
5:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5:45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6:45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7:45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8:45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9:15	0.18	0.09	0.13	0.06	0.10	0.05	0.08	0.04
9:30	0.18	0.09	0.13	0.06	0.10	0.05	0.08	0.04
9:45	0.09	0.04	0.06	0.03	0.05	0.02	0.04	0.02
10:00	0.09	0.04	0.06	0.03	0.05	0.02	0.04	0.02
10:15	0.09	0.04	0.06	0.03	0.05	0.02	0.04	0.02
10:30	0.09	0.04	0.06	0.03	0.05	0.02	0.04	0.02
10:45	0.09	0.04	0.06	0.03	0.05	0.02	0.04	0.02
11:00	1.79	0.89	1.26	0.63	0.97	0.48	0.77	0.38
11:15	0.86	0.43	0.60	0.30	0.46	0.23	0.37	0.18
11:30	21	11	15	8	12	6	9	5
11:45	21	11	15	8	12	6	9	5
12:00	21	11	15	8	12	6	9	5
12:15	21	11	15	8	12	6	9	5
12:30	11	5	8	4	6	3	5	2
12:45	11	5	8	4	6	3	5	2.30
13:00	11	5	8	4	6	3	5	2.30
13:15	11	5	8	4	6	3	5	2.30
13:30	1	0.54	0.76	0.38	0.58	0.29	0.46	0.23
13:45	1	0.54	0.76	0.38	0.58	0.29	0.46	0.23
14:00	1	0.54	0.76	0.38	0.58	0.29	0.46	0.23
14:15	1	0.54	0.76	0.38	0.58	0.29	0.46	0.23
14:30	0.11	0.05	0.08	0.04	0.06	0.03	0.05	0.02
14:45	0.11	0.05	0.08	0.04	0.06	0.03	0.05	0.02
15:00	0.11	0.05	0.08	0.04	0.06	0.03	0.05	0.02
15:15	0.11	0.05	0.08	0.04	0.06	0.03	0.05	0.02
15:30	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00
15:45	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00
16:00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00

The plume has not yet reached the shaded areas - do not give out this data.

Offsite Field Data

TIME	8 MILES		9 MILES		10 MILES	
	cntrline	outer edge	cntrline	outer edge	cntrline	outer edge
	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr	mR/hr
5:00	0.00	0.00	0.00	0.00	0.00	0.00
5:15	0.00	0.00	0.00	0.00	0.00	0.00
5:30	0.00	0.00	0.00	0.00	0.00	0.00
5:45	0.00	0.00	0.00	0.00	0.00	0.00
6:00	0.00	0.00	0.00	0.00	0.00	0.00
6:15	0.00	0.00	0.00	0.00	0.00	0.00
6:30	0.00	0.00	0.00	0.00	0.00	0.00
6:45	0.00	0.00	0.00	0.00	0.00	0.00
7:00	0.00	0.00	0.00	0.00	0.00	0.00
7:15	0.00	0.00	0.00	0.00	0.00	0.00
7:30	0.00	0.00	0.00	0.00	0.00	0.00
7:45	0.00	0.00	0.00	0.00	0.00	0.00
8:00	0.00	0.00	0.00	0.00	0.00	0.00
8:15	0.00	0.00	0.00	0.00	0.00	0.00
8:30	0.00	0.00	0.00	0.00	0.00	0.00
8:45	0.00	0.00	0.00	0.00	0.00	0.00
9:00	0.00	0.00	0.00	0.00	0.00	0.00
9:15	0.06	0.03	0.05	0.03	0.05	0.02
9:30	0.06	0.03	0.05	0.03	0.05	0.02
9:45	0.03	0.02	0.03	0.01	0.02	0.01
10:00	0.03	0.02	0.03	0.01	0.02	0.01
10:15	0.03	0.02	0.03	0.01	0.02	0.01
10:30	0.03	0.02	0.03	0.01	0.02	0.01
10:45	0.03	0.02	0.03	0.01	0.02	0.01
11:00	0.63	0.32	0.53	0.26	0.45	0.23
11:15	0.30	0.15	0.25	0.13	0.22	0.11
11:30	8	3.78	6	3.15	5.42	2.71
11:45	8	3.78	6	3.15	5.42	2.71
12:00	8	3.78	6	3.15	5.42	2.71
12:15	8	3.78	6	3.15	5.42	2.71
12:30	4	1.89	3	1.58	2.71	1.35
12:45	4	1.89	3	1.58	2.71	1.35
13:00	4	1.89	3	1.58	2.71	1.35
13:15	4	1.89	3	1.58	2.71	1.35
13:30	0.38	0.19	0.32	0.16	0.27	0.14
13:45	0.38	0.19	0.32	0.16	0.27	0.14
14:00	0.38	0.19	0.32	0.16	0.27	0.14
14:15	0.38	0.19	0.32	0.16	0.27	0.14
14:30	0.04	0.02	0.03	0.02	0.03	0.01
14:45	0.04	0.02	0.03	0.02	0.03	0.01
15:00	0.04	0.02	0.03	0.02	0.03	0.01
15:15	0.04	0.02	0.03	0.02	0.03	0.01
15:30	0.00	0.00	0.00	0.00	0.00	0.00
15:45	0.00	0.00	0.00	0.00	0.00	0.00
16:00	0.00	0.00	0.00	0.00	0.00	0.00

The plume has not yet reached the shaded areas - do not give out this data.

Offsite Field Data

Field Data DOSE RATES	0.5 MILE		1 MILE		2 MILES		3 MILES	
	centerline	outer edge	centerline	outer edge	centerline	outer edge	centerline	outer edge
	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr
ME								
5:00	2	1	1	0	0	0	0	0
5:15	6	3	2	1	1	0	1	1
5:30	25	13	9	5	3	2	4	2
5:45	26	13	10	5	3	2	5	2
6:00	27	13	10	5	3	2	5	2
6:15	27	13	10	5	3	2	5	2
6:30	27	13	10	5	3	2	5	2
6:45	27	13	10	5	3	2	5	2
7:00	27	13	10	5	3	2	5	2
7:15	27	13	10	5	3	2	5	2
7:30	27	13	10	5	3	2	5	2
7:45	27	13	10	5	3	2	5	2
8:00	27	13	10	5	3	2	5	2
8:15	27	13	10	5	3	2	5	2
8:30	27	13	10	5	3	2	5	2
8:45	27	13	10	5	3	2	5	2
9:00	14	7	5	3	2	1	3	1
9:15	3992	1996	1471	735	504	252	704	352
9:30	3992	1996	1471	735	504	252	704	352
9:45	1955	978	720	360	247	123	345	172
10:00	1955	978	720	360	247	123	345	172
10:15	1955	978	720	360	247	123	345	172
10:30	1955	978	720	360	247	123	345	172
10:45	1955	978	720	360	247	123	345	172
11:00	39902	19951	14701	7350	5040	2520	7035	3518
11:15	19154	9577	7057	3528	2419	1210	3377	1689
11:30	478802	239401	176401	88200	60480	30240	84420	42210
11:45	478802	239401	176401	88200	60480	30240	84420	42210
12:00	478802	239401	176401	88200	60480	30240	84420	42210
12:15	478802	239401	176401	88200	60480	30240	84420	42210
12:30	239402	119701	88201	44100	30240	15120	42210	21105
12:45	239402	119701	88201	44100	30240	15120	42210	21105
13:00	239402	119701	88201	44100	30240	15120	42210	21105
13:15	239402	119701	88201	44100	30240	15120	42210	21105
13:30	23942	11971	8821	4410	3024	1512	4221	2111
13:45	23942	11971	8821	4410	3024	1512	4221	2111
14:00	23942	11971	8821	4410	3024	1512	4221	2111
14:15	23942	11971	8821	4410	3024	1512	4221	2111
14:30	2396	1198	883	441	303	151	422	211
14:45	2396	1198	883	441	303	151	422	211
15:00	2396	1198	883	441	303	151	422	211
15:15	2396	1198	883	441	303	151	422	211
15:30	241	121	89	44	30	15	43	21
5:45	241	121	89	44	30	15	43	21
16:00	241	121	89	44	30	15	43	21

The plume has not yet reached the shaded areas - do not give out this data.

Micro-R meter offscale High

Offsite Field Data

FIELD DATA RATES	4 MILES		5 MILES		6 MILES		7 MILES	
	centerline	outer edge	centerline	outer edge	centerline	outer edge	centerline	outer edge
	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr
5:00	0	0	0	0	0	0	0	0
5:15	0	0	0	0	0	0	0	0
5:30	1	1	1	0	1	0	0	0
5:45	1	1	1	0	1	0	1	0
6:00	1	1	1	0	1	0	1	0
6:15	1	1	1	0	1	0	1	0
6:30	1	1	1	0	1	0	1	0
6:45	1	1	1	0	1	0	1	0
7:00	1	1	1	0	1	0	1	0
7:15	1	1	1	0	1	0	1	0
7:30	1	1	1	0	1	0	1	0
7:45	1	1	1	0	1	0	1	0
8:00	1	1	1	0	1	0	1	0
8:15	1	1	1	0	1	0	1	0
8:30	1	1	1	0	1	0	1	0
8:45	1	1	1	0	1	0	1	0
9:00	1	0	0	0	0	0	0	0
9:15	179	89	126	63	97	48	77	38
9:30	179	89	126	63	97	48	77	38
9:45	87	44	62	31	47	24	38	19
10:00	87	44	62	31	47	24	38	19
10:15	87	44	62	31	47	24	38	19
10:30	87	44	62	31	47	24	38	19
10:45	87	44	62	31	47	24	38	19
11:00	1785	893	1260	630	966	483	767	383
11:15	857	428	603	302	464	232	368	184
11:30	21420	10710	15120	7560	11592	5796	9198	4599
11:45	21420	10710	15120	7560	11592	5796	9198	4599
12:00	21420	10710	15120	7560	11592	5796	9190	4599
12:15	21420	10710	15120	7560	11592	5796	9198	4599
12:30	10710	5355	7560	3780	5796	2898	4599	2300
12:45	10710	5355	7560	3780	5796	2898	4599	2300
13:00	10710	5355	7560	3780	5796	2898	4599	2300
13:15	10710	5355	7560	3780	5796	2898	4599	2300
13:30	1071	536	756	378	580	290	460	230
13:45	1071	536	756	378	580	290	460	230
14:00	1071	536	756	378	580	290	460	230
14:15	1071	536	756	378	580	290	460	230
14:30	107	54	76	38	58	29	46	23
14:45	107	54	76	38	58	29	46	23
15:00	107	54	76	38	58	29	46	23
15:15	107	54	76	38	58	29	46	23
15:30	11	5	8	4	6	3	5	2
15:45	11	5	8	4	6	3	5	2
16:00	11	5	8	4	6	3	5	2

The plume has not yet reached the shaded areas - do not give out this data.

Micro-R meter offscale High

Offsite Field Data

FIELD DATA DOSE RATES	8 MILES		9 MILES		10 MILES	
	centerline	outer edge	centerline	outer edge	centerline	outer edge
	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr	uR/hr
5:00	0	0	0	0	0	0
5:15	0	0	0	0	0	0
5:30	0	0	0	0	0	0
5:45	0	0	0	0	0	0
6:00	0	0	0	0	0	0
6:15	0	0	0	0	0	0
6:30	0	0	0	0	0	0
6:45	0	0	0	0	0	0
7:00	0	0	0	0	0	0
7:15	0	0	0	0	0	0
7:30	0	0	0	0	0	0
7:45	0	0	0	0	0	0
8:00	0	0	0	0	0	0
8:15	0	0	0	0	0	0
8:30	0	0	0	0	0	0
8:45	0	0	0	0	0	0
9:00	0	0	0	0	0	0
9:15	63	32	53	26	45	23
9:30	63	32	53	26	45	23
9:45	31	15	26	13	22	11
10:00	31	15	26	13	22	11
10:15	31	15	26	13	22	11
10:30	31	15	26	13	22	11
10:45	31	15	26	13	22	11
11:00	630	315	525	263	452	226
11:15	302	151	252	126	217	108
11:30	7560	3780	6300	3150	5418	2709
11:45	7560	3780	6300	3150	5418	2709
12:00	7560	3780	6300	3150	5418	2709
12:15	7560	3780	6300	3150	5418	2709
12:30	3780	1890	3150	1575	2709	1355
12:45	3780	1890	3150	1575	2709	1355
13:00	3780	1890	3150	1575	2709	1355
13:15	3780	1890	3150	1575	2709	1355
13:30	378	189	315	158	271	135
13:45	378	189	315	158	271	135
14:00	378	189	315	158	271	135
14:15	378	189	315	158	271	135
14:30	38	19	32	16	27	14
14:45	38	19	32	16	27	14
15:00	38	19	32	16	27	14
15:15	38	19	32	16	27	14
15:30	4	2	3	2	3	1
15:45	4	2	3	2	3	1
16:00	4	2	3	2	3	1

The plume has not yet reached the shaded areas - do not give out this data.

Offsite , Id Data

The plume has not yet reached the shaded areas - do not give out this data.			
Volume =	2.03E+05	ml	count time= 5 minutes

Offsite Rad Data

	Eff. Factor=	5.88			Bkg (cpm)	120		
ESP-2	MILES (centerline)		1 MILES (centerline)		2 MILES (centerline)		3 MILES (centerline)	
DATA	Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.	
TIME	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min
5:00 AM	1.21E-12	1.20E+02	4.46E-13	1.20E+02	1.53E-13	1.20E+02	2.13E-13	1.70E+02
5:15	4.03E-12	1.20E+02	1.49E-12	1.20E+02	5.09E-13	1.20E+02	7.11E-13	1.70E+02
5:30	1.75E-11	1.22E+02	6.44E-12	1.21E+02	2.21E-12	1.20E+02	3.06E-12	1.20E+02
5:45	1.81E-11	1.22E+02	6.68E-12	1.21E+02	2.29E-12	1.20E+02	3.20E-12	1.20E+02
6:00	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
6:15	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
6:30	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.70E+02
6:45	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
7:00	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
7:15	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
7:30	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
7:45	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
8:00	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
8:15	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
8:30	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
8:45	1.83E-11	1.22E+02	6.73E-12	1.21E+02	2.31E-12	1.20E+02	3.22E-12	1.20E+02
9:00	1.72E-11	1.22E+02	6.34E-12	1.21E+02	2.17E-12	1.20E+02	2.94E-12	1.20E+02
9:15	1.54E-10	1.37E+02	5.68E-11	1.26E+02	1.95E-11	1.22E+02	2.72E-11	1.23E+02
9:30	2.99E-11	1.23E+02	1.10E-11	1.21E+02	3.76E-12	1.20E+02	5.28E-12	1.21E+02
9:45	2.29E-11	1.22E+02	8.44E-12	1.21E+02	2.89E-12	1.20E+02	4.04E-12	1.20E+02
10:00	2.29E-11	1.22E+02	8.44E-12	1.21E+02	2.89E-12	1.20E+02	4.04E-12	1.20E+02
10:15	2.29E-11	1.22E+02	8.44E-12	1.21E+02	2.89E-12	1.20E+02	4.04E-12	1.20E+02
10:30	2.29E-11	1.22E+02	8.44E-12	1.21E+02	2.89E-12	1.20E+02	4.04E-12	1.20E+02
10:45	2.29E-11	1.22E+02	8.44E-12	1.21E+02	2.89E-12	1.20E+02	4.04E-12	1.20E+02
11:00	1.38E-08	1.60E+03	5.10E-09	5.82E+02	1.72E-09	3.07E+02	2.24E-09	3.81E+02
11:15	5.70E-07	6.11E+04	2.10E-07	2.26E+04	7.20E-08	7.83E+03	3.01E-07	1.09E+04
11:30	1.43E-05	1.52E+06	5.25E-06	5.62E+05	1.80E-06	1.93E+05	2.51E-06	2.69E+05
11:45	1.43E-05	1.52E+06	5.25E-06	5.62E+05	1.80E-06	1.93E+05	2.51E-06	2.69E+05

The plume has not yet reached the shaded areas - do not give out this data.

Offsite Rad Data

	4 MILES (centerline)		5 MILES (centerline)		6 MILES (centerline)	
	Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.	
	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min
5:00 AM	5.41E-14	1.20E+02	3.82E-14	1.20E+02	2.93E-14	1.20E+02
5:15	1.80E-13	1.20E+02	1.27E-13	1.20E+02	9.76E-14	1.20E+02
5:30	7.82E-13	1.20E+02	5.52E-13	1.20E+02	4.23E-13	1.20E+02
5:45	8.12E-13	1.20E+02	5.73E-13	1.20E+02	4.39E-13	1.20E+02
6:00	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
6:15	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
6:30	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
6:45	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
7:00	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
7:15	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
7:30	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
7:45	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
8:00	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
8:15	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
8:30	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
8:45	8.18E-13	1.20E+02	5.77E-13	1.20E+02	4.43E-13	1.20E+02
9:00	7.70E-13	1.20E+02	5.44E-13	1.20E+02	4.17E-13	1.20E+02
9:15	6.92E-12	1.21E+02	4.87E-12	1.21E+02	1.74E-12	1.20E+02
9:30	1.34E-12	1.20E+02	9.46E-13	1.20E+02	7.25E-13	1.20E+02
9:45	1.02E-12	1.20E+02	7.23E-13	1.20E+02	5.54E-13	1.20E+02
10:00	1.02E-12	1.20E+02	7.23E-13	1.20E+02	5.54E-13	1.20E+02
10:15	1.02E-12	1.20E+02	7.23E-13	1.20E+02	5.54E-13	1.20E+02
10:30	1.02E-12	1.20E+02	7.23E-13	1.20E+02	5.54E-13	1.20E+02
10:45	1.02E-12	1.20E+02	7.23E-13	1.20E+02	5.54E-13	1.20E+02
11:00	6.19E-10	1.86E+02	4.37E-10	1.67E+02	3.35E-10	1.56E+02
11:15	2.55E-08	2.85E+03	1.80E-08	2.05E+03	1.38E-08	1.60E+03
11:30	6.38E-07	6.83E+04	4.50E-07	4.82E+04	3.45E-07	3.70E+04
11:45	6.38E-07	6.83E+04	4.50E-07	4.82E+04	3.45E-07	3.70E+04

Offsite Iodine Data

	7 MILES (centerline)		8 MILES (centerline)		9 MILES (centerline)		10 MILES (centerline)	
	Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.	
	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min
5:00 AM	2.32E-14	1.20E+02	1.91E-14	1.20E+02	1.59E-14	1.20E+02	1.37E-14	1.20E+02
5:15	7.75E-14	1.20E+02	6.37E-14	1.20E+02	5.31E-14	1.20E+02	4.56E-14	1.20E+02
5:30	3.36E-13	1.20E+02	2.76E-13	1.20E+02	2.30E-13	1.20E+02	1.98E-13	1.20E+02
5:45	3.49E-13	1.20E+02	2.86E-13	1.20E+02	2.39E-13	1.20E+02	2.05E-13	1.20E+02
6:00	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
6:15	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
6:30	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
6:45	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
7:00	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
7:15	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
7:30	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
7:45	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
8:00	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
8:15	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
8:30	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
8:45	3.51E-13	1.20E+02	2.89E-13	1.20E+02	2.41E-13	1.20E+02	2.07E-13	1.20E+02
9:00	3.31E-13	1.20E+02	2.72E-13	1.20E+02	2.27E-13	1.20E+02	1.95E-13	1.20E+02
9:15	2.96E-12	1.20E+02	2.44E-12	1.20E+02	2.03E-12	1.20E+02	1.75E-12	1.20E+02
9:30	5.75E-13	1.20E+02	4.73E-13	1.20E+02	3.94E-13	1.20E+02	3.39E-13	1.20E+02
9:45	4.40E-13	1.20E+02	3.62E-13	1.20E+02	3.01E-13	1.20E+02	2.59E-13	1.20E+02
10:00	4.40E-13	1.20E+02	3.62E-13	1.20E+02	3.01E-13	1.20E+02	2.59E-13	1.20E+02
10:15	4.40E-13	1.20E+02	3.62E-13	1.20E+02	3.01E-13	1.20E+02	2.59E-13	1.20E+02
10:30	4.40E-13	1.20E+02	3.62E-13	1.20E+02	3.01E-13	1.20E+02	2.59E-13	1.20E+02
10:45	4.40E-13	1.20E+02	3.62E-13	1.20E+02	3.01E-13	1.20E+02	2.59E-13	1.20E+02
11:00	2.66E-10	1.48E+02	2.18E-10	1.43E+02	1.82E-10	1.39E+02	1.57E-10	1.37E+02
11:15	1.10E-08	1.29E+03	9.00E-09	1.08E+03	7.50E-09	9.22E+02	6.45E-09	8.10E+02
11:30	2.74E-07	2.94E+04	2.25E-07	2.42E+04	1.88E-07	2.02E+04	1.61E-07	1.74E+04
11:45	2.74E-07	2.94E+04	2.25E-07	2.42E+04	1.88E-07	2.02E+04	1.61E-07	1.74E+04

Offsite Rad Data

The plume has not yet reached the shaded areas - do not give out this data.									
ESP-2	0.5 MILES (centerline)		1 MILES (centerline)		2 MILES (centerline)		3 MILES (centerline)		
DATA	Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.		
TIME	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	
12:00	1.43E-05	1.52E+06	5.25E-06	5.62E+05	1.80E-06	1.93E+05	2.51E-06	2.69E+05	
12:15	1.43E-05	1.52E+06	5.25E-06	5.62E+05	1.80E-06	1.93E+05	2.51E-06	2.69E+05	
12:30	7.13E-06	7.62E+05	2.63E-06	2.81E+05	9.00E-07	9.64E+04	1.26E-06	1.34E+05	
12:45	7.13E-06	7.62E+05	2.63E-06	2.81E+05	9.00E-07	9.64E+04	1.26E-06	1.34E+05	
13:00	7.13E-06	7.62E+05	2.63E-06	2.81E+05	9.00E-07	9.64E+04	1.26E-06	1.34E+05	
13:15	7.13E-06	7.62E+05	2.63E-06	2.81E+05	9.00E-07	9.64E+04	1.26E-06	1.34E+05	
13:30	7.13E-07	7.63E+04	2.63E-07	2.82E+04	9.00E-08	9.75E+03	1.26E-07	1.36E+04	
13:45	7.13E-07	7.63E+04	2.63E-07	2.82E+04	9.00E-08	9.75E+03	1.26E-07	1.36E+04	
14:00	7.13E-07	7.63E+04	2.63E-07	2.82E+04	9.00E-08	9.75E+03	1.26E-07	1.36E+04	
14:15	7.13E-07	7.63E+04	2.63E-07	2.82E+04	9.00E-08	9.75E+03	1.26E-07	1.36E+04	
14:30	7.13E-08	7.74E+03	2.63E-08	2.93E+03	9.00E-09	1.08E+03	1.26E-08	1.46E+03	
14:45	7.13E-08	7.74E+03	2.63E-08	2.93E+03	9.00E-09	1.08E+03	1.26E-08	1.46E+03	
15:00	7.13E-08	7.74E+03	2.63E-08	2.93E+03	9.00E-09	1.08E+03	1.26E-08	1.46E+03	
15:15	7.13E-08	7.74E+03	2.63E-08	2.93E+03	9.00E-09	1.08E+03	1.26E-08	1.46E+03	
15:30	7.14E-09	8.84E+02	2.63E-09	4.01E+02	9.02E-10	2.16E+02	1.26E-09	2.55E+02	
15:45	7.14E-09	8.84E+02	2.63E-09	4.01E+02	9.02E-10	2.16E+02	1.26E-09	2.55E+02	
16:00	7.14E-09	8.84E+02	2.63E-09	4.01E+02	9.02E-10	2.16E+02	1.26E-09	2.55E+02	
The plume has not yet reached the shaded areas - do not give out this data.									

Offsite 1 d Data

	4 MILES (centerline)		5 MILES (centerline)		6 MILES (centerline)	
	Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.	
	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min
12:00	6.38E-07	6.83E+04	4.80E-07	4.87E+04	3.45E-07	3.70E+04
12:15	6.38E-07	6.83E+04	4.50E-07	4.82E+04	3.45E-07	3.70E+04
12:30	3.19E-07	3.42E+04	2.25E-07	2.42E+04	1.73E-07	1.86E+04
12:45	3.19E-07	3.42E+04	2.25E-07	2.42E+04	1.73E-07	1.86E+04
13:00	3.19E-07	3.42E+04	2.25E-07	2.42E+04	1.73E-07	1.86E+04
13:15	3.19E-07	3.42E+04	2.25E-07	2.42E+04	1.73E-07	1.86E+04
13:30	3.19E-08	3.53E+03	2.25E-08	2.53E+03	1.73E-08	1.96E+03
13:45	3.19E-08	3.53E+03	2.25E-08	2.53E+03	1.73E-08	1.96E+03
14:00	3.19E-08	3.53E+03	2.25E-08	2.53E+03	1.73E-08	1.96E+03
14:15	3.19E-08	3.53E+03	2.25E-08	2.53E+03	1.73E-08	1.96E+03
14:30	3.19E-09	4.61E+02	2.25E-09	3.61E+02	1.73E-09	3.05E+02
14:45	3.19E-09	4.61E+02	2.25E-09	3.61E+02	1.73E-09	3.05E+02
15:00	3.19E-09	4.61E+02	2.25E-09	3.61E+02	1.73E-09	3.05E+02
15:15	3.19E-09	4.61E+02	2.25E-09	3.61E+02	1.73E-09	3.05E+02
15:30	3.19E-10	1.54E+02	2.26E-10	1.44E+02	1.73E-10	1.38E+02
15:45	3.19E-10	1.54E+02	2.26E-10	1.44E+02	1.73E-10	1.38E+02
16:00	3.19E-10	1.54E+02	2.26E-10	1.44E+02	1.73E-10	1.38E+02

The plume has not yet reached the shaded areas - do not give out this data.

Offsite 1 id Data

ESP-2	7 MILES (centerline)		8 MILES (centerline)		9 MILES (centerline)		10 MILES (centerline)	
	Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.		Iodine-131 conc.	
	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min	uCi/ml	Cnts/ Min
12:00	2.74E-07	2.94E+04	2.75E-07	2.42E+04	1.98E-07	2.02E+04	1.61E-07	1.74E+04
12:15	2.74E-07	2.94E+04	2.75E-07	2.42E+04	1.98E-07	2.02E+04	1.61E-07	1.74E+04
12:30	1.37E-07	1.48E+04	1.13E-07	1.22E+04	9.38E-08	1.01E+04	8.06E-08	8.74E+03
12:45	1.37E-07	1.48E+04	1.13E-07	1.22E+04	9.38E-08	1.01E+04	8.06E-08	8.74E+03
13:00	1.37E-07	1.48E+04	1.13E-07	1.22E+04	9.38E-08	1.01E+04	8.06E-08	8.74E+03
13:15	1.37E-07	1.48E+04	1.13E-07	1.22E+04	9.38E-08	1.01E+04	8.06E-08	8.74E+03
13:30	1.37E-08	1.58E+03	1.13E-08	1.32E+03	9.38E-09	1.12E+03	8.06E-09	9.82E+02
13:45	1.37E-08	1.58E+03	1.13E-08	1.32E+03	9.38E-09	1.12E+03	8.06E-09	9.82E+02
14:00	1.37E-08	1.58E+03	1.13E-08	1.32E+03	9.38E-09	1.12E+03	8.06E-09	9.82E+02
14:15	1.37E-08	1.58E+03	1.13E-08	1.32E+03	9.38E-09	1.12E+03	8.06E-09	9.82E+02
14:30	1.37E-09	2.66E+02	1.13E-09	2.40E+02	9.38E-10	2.20E+02	8.06E-10	2.06E+02
14:45	1.37E-09	2.66E+02	1.13E-09	2.40E+02	9.38E-10	2.20E+02	8.06E-10	2.06E+02
15:00	1.37E-09	2.66E+02	1.13E-09	2.40E+02	9.38E-10	2.20E+02	8.06E-10	2.06E+02
15:15	1.37E-09	2.66E+02	1.13E-09	2.40E+02	9.38E-10	2.20E+02	8.06E-10	2.06E+02
15:30	1.37E-10	1.35E+02	1.13E-10	1.32E+02	9.40E-11	1.30E+02	8.08E-11	1.29E+02
15:45	1.37E-10	1.35E+02	1.13E-10	1.32E+02	9.40E-11	1.30E+02	8.08E-11	1.29E+02
16:00	1.37E-10	1.35E+02	1.13E-10	1.32E+02	9.40E-11	1.30E+02	8.08E-11	1.29E+02

The plume has not yet reached the shaded areas - do not give out this data.

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Alert

Recommended Protective Actions (based on Dose Projections only)

- EVACUATE
- SHELTER IN-PLACE
- OTHER

 Note
 *** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 915 Time since trip 0.25 hrs

Meteorology Assessment

Temperature Gradient -0.5

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	1.85E-04	3.80E-04	2	2.39E-05	4.90E-05
1	6.83E-05	1.40E-04	4	8.29E-06	1.70E-05
3	1.32E-05	2.70E-05	6	4.49E-06	9.20E-06
5	5.85E-06	1.20E-05	8	2.93E-06	6.00E-06
7	3.56E-06	7.30E-06	10	2.10E-06	4.30E-06
9	2.44E-06	5.00E-06			

mile 0 - 2 | 2 - 5 | 5 - 10 |

PAZ L B M C N A D O R G H I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	2.72E-06	2.91E-01 - Noble Gas
0.00E-01	8.55E-09	9.15E-06 - Iodine

Source Term based on LOCA(charcoal)

Dose Assessment

Noble Gas - Adult Whole Body				Iodine - Child Thyroid				ETA
mile	Dose Rate	Dose(rem)		mile	Dose Rate	Dose(rem)		hr
	rem/hr	2.5E-01hr	2hr		rem/hr	2.5E-01hr	2hr	
.5	1.81E-03	4.5E-04	3.6E-03	.5	3.84E-03	9.6E-04	7.7E-03	0.24
1	6.68E-04	1.7E-04	1.3E-03	1	1.41E-03	3.5E-04	2.8E-03	0.49
2	2.34E-04	5.8E-05	4.7E-04	2	4.95E-04	1.2E-04	9.9E-04	0.98
3	1.29E-04	3.2E-05	2.6E-04	3	2.73E-04	6.8E-05	5.5E-04	1.46
4	8.11E-05	2.0E-05	1.6E-04	4	1.72E-04	4.3E-05	3.4E-04	1.95
5	5.72E-05	1.4E-05	1.1E-04	5	1.21E-04	3.0E-05	2.4E-04	2.44
6	4.39E-05	1.1E-05	8.8E-05	6	9.29E-05	2.3E-05	1.9E-04	2.93
7	3.48E-05	8.7E-06	7.0E-05	7	7.37E-05	1.8E-05	1.5E-04	3.41
8	2.86E-05	7.2E-06	5.7E-05	8	6.06E-05	1.5E-05	1.2E-04	3.90
9	2.38E-05	6.0E-06	4.8E-05	9	5.05E-05	1.3E-05	1.0E-04	4.39
10	2.05E-05	5.1E-06	4.1E-05	10	4.34E-05	1.1E-05	8.7E-05	4.88

Integrated Dose* (rem)	WB L	B	M	C	N	WB A	D	O	R	E	WB F	F	H	I	J	WB K	P	Q	S	
	4.53E-04	4.53E-04	4.53E-04	4.53E-04	5.84E-05	9.59E-04	9.59E-04	9.59E-04	9.59E-04	1.24E-04	5.84E-05	5.84E-05	5.84E-05	5.84E-05	0.00E-01	0.00E-01	1.43E-05	1.43E-05	0.00E-01	0.00E-01
	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	TH	
	1.24E-04	1.24E-04	1.24E-04	1.24E-04	1.24E-04	0.00E-01	3.03E-05	3.03E-05	3.03E-05	3.03E-05	0.00E-01	1.43E-05	1.43E-05	1.43E-05	0.00E-01	0.00E-01	0.00E-01	0.00E-01	0.00E-01	

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 1.55E+04 cpm
I-131/Xe-133 Ratio 3.14E-03
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 5.56E-14

Unit Vent

EMF 36 L 5.06E+05 cpm
I-131/Xe-133 Ratio 3.14E-05
Flow Rate 5.30E+04 cfm
Correction Factor 1.08E-11

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Alert

Recommended Protective Actions (based on Dose Projections only)

- EVACUATE
- SHELTER IN-PLACE
- OTHER

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 930 Time since trip 0.50 hrs

Meteorology Assessment

Temperature Gradient -0.3

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	1.24E-04	3.80E-04			
1	4.58E-05	1.40E-04	2	1.60E-05	4.90E-05
3	8.82E-06	2.70E-05	4	5.56E-06	1.70E-05
5	3.92E-06	1.20E-05	6	3.01E-06	9.20E-06
7	2.39E-06	7.30E-06	8	1.96E-06	6.00E-06
9	1.63E-06	5.00E-06	10	1.41E-06	4.30E-06
mile 0 - 2 2 - 5			5 - 10		
PAZ L B M C N A D O R			I J K P		

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	4.40E-06	1.25E-01 - Noble Gas
0.00E-01	1.43E-08	4.06E-06 - Iodine

Source Term based on LOCA(charcoal)

Dose Assessment

Noble Gas - Adult Whole Body

mile	Dose Rate		Dose(rem)	
	rem/hr	2.5E-01hr	2hr	
.5	5.21E-04	1.3E-04	1.0E-03	
1	1.92E-04	4.8E-05	3.8E-04	
2	6.71E-05	1.7E-05	1.3E-04	
3	3.70E-05	9.2E-06	7.4E-05	
4	2.33E-05	5.8E-06	4.7E-05	
5	1.64E-05	4.1E-06	3.3E-05	
6	1.26E-05	3.2E-06	2.5E-05	
7	1.00E-05	2.5E-06	2.0E-05	
8	8.22E-06	2.1E-06	1.6E-05	
9	6.85E-06	1.7E-06	1.4E-05	
10	5.89E-06	1.5E-06	1.2E-05	

Iodine - Child Thyroid

mile	Dose Rate		Dose(rem)		ETA hr
	rem/hr	2.5E-01hr	2hr		
.5	1.14E-03	2.9E-04	2.3E-03		0.16
1	4.21E-04	1.1E-04	8.4E-04		0.33
2	1.47E-04	3.7E-05	2.9E-04		0.65
3	8.13E-05	2.0E-05	1.6E-04		0.98
4	5.12E-05	1.3E-05	1.0E-04		1.31
5	3.61E-05	9.0E-06	7.2E-05		1.63
6	2.77E-05	6.9E-06	5.5E-05		1.96
7	2.20E-05	5.5E-06	4.4E-05		2.29
8	1.81E-05	4.5E-06	3.6E-05		2.61
9	1.50E-05	3.8E-06	3.0E-05		2.94
10	1.29E-05	3.2E-06	2.6E-05		3.27

Integrated	WB L	5.83E-04	B	5.83E-04	M	5.83E-04	C	5.83E-04	N	7.52E-05
Dose*	TH	1.25E-03		1.25E-03		1.25E-03		1.25E-03		1.61E-04
(rem)	WB A	7.52E-05	D	7.52E-05	O	7.52E-05	R	7.52E-05	E	0.00E-01
	TH	1.61E-04		1.61E-04		1.61E-04		1.61E-04		0.00E-01
	WB F	0.00E-01	F	1.43E-05	H	1.43E-05	I	1.84E-05	J	1.84E-05
	TH	0.00E-01		3.03E-05		3.03E-05		3.93E-05		3.93E-05
	WB K	1.84E-05	P	1.84E-05	Q	0.00E-01	S	0.00E-01		
	TH	3.93E-05		3.93E-05		0.00E-01		0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 2.51E+04 cpm
I-131/Xe-133 Ratio 3.25E-03
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 5.56E-14

Unit Vent

EMF 36 L 2.17E+05 cpm
I-131/Xe-133 Ratio 3.25E-05
Flow Rate 5.30E+04 cfm
Correction Factor 1.08E-11

This is a hypothetical projection. Projection is not stored.

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend General Emergency

Recommended Protective Actions (based on Dose Projections only)

EVACUATE L B M C

SHELTER IN-PLACE N A D O R E F G H I J K P Q S

OTHER N A D O R

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1115 Time since trip 2.25 hrs

Meteorology Assessment

Temperature Gradient 0.8

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.64E-04	1.10E-03			
1	1.23E-04	5.10E-04	2	4.81E-05	2.00E-04
3	2.88E-05	1.20E-04	4	1.97E-05	8.20E-05
5	1.51E-05	6.30E-05	6	1.23E-05	5.10E-05
7	1.03E-05	4.30E-05	8	9.13E-06	3.80E-05
9	7.93E-06	3.30E-05	10	7.21E-06	3.00E-05

mile 2 | 2 - 5 | 5 - 10 |
PAZ M C N A D O R G H I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	3.36E-05	3.93E+00 - Noble Gas
0.00E-01	3.63E-07	4.24E-02 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body				Iodine - Child Thyroid				ETA
mile	Dose Rate	Dose(rem)		mile	Dose Rate	Dose(rem)		hr
	rem/hr	2.5E-01hr	2hr		rem/hr	2.5E-01hr	2hr	
.5	3.50E-02	8.7E-03	7.0E-02	.5	2.54E+01	6.3E+00	5.1E+01	0.12
1	1.62E-02	4.1E-03	3.2E-02	1	1.18E+01	2.9E+00	2.4E+01	0.24
2	6.36E-03	1.6E-03	1.3E-02	2	4.61E+00	1.2E+00	9.2E+00	0.48
3	3.81E-03	9.5E-04	7.6E-03	3	2.77E+00	6.9E-01	5.5E+00	0.72
4	2.61E-03	6.5E-04	5.2E-03	4	1.89E+00	4.7E-01	3.8E+00	0.96
5	2.00E-03	5.0E-04	4.0E-03	5	1.45E+00	3.6E-01	2.9E+00	1.20
6	1.62E-03	4.1E-04	3.2E-03	6	1.18E+00	2.9E-01	2.4E+00	1.44
7	1.37E-03	3.4E-04	2.7E-03	7	9.92E-01	2.5E-01	2.0E+00	1.68
8	1.21E-03	3.0E-04	2.4E-03	8	8.76E-01	2.2E-01	1.8E+00	1.92
9	1.05E-03	2.6E-04	2.1E-03	9	7.61E-01	1.9E-01	1.5E+00	2.16
10	9.53E-04	2.4E-04	1.9E-03	10	6.92E-01	1.7E-01	1.4E+00	2.40

Integrated Dose* (rem)	WB L	9.19E-03	B	9.19E-03	M	9.19E-03	C	9.19E-03	N	1.65E-03
	TH	6.34E+00		6.34E+00		6.34E+00		6.34E+00		1.15E+00
	WB A	1.65E-03	D	1.65E-03	O	1.65E-03	R	1.65E-03	E	0.00E-01
	TH	1.15E+00		1.15E+00		1.15E+00		1.15E+00		0.00E-01
	WB F	0.00E-01	F	5.15E-04	H	5.15E-04	I	5.15E-04	J	5.15E-04
	TH	0.00E-01		3.63E-01		3.63E-01		3.63E-01		3.63E-01
	WB K	5.15E-04	P	5.15E-04	Q	0.00E-01	S	0.00E-01		
	TH	3.63E-01		3.63E-01		0.00E-01		0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 1.02E+05 cpm
I-131/Xe-133 Ratio 1.08E-02
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.04E-13

Unit Vent

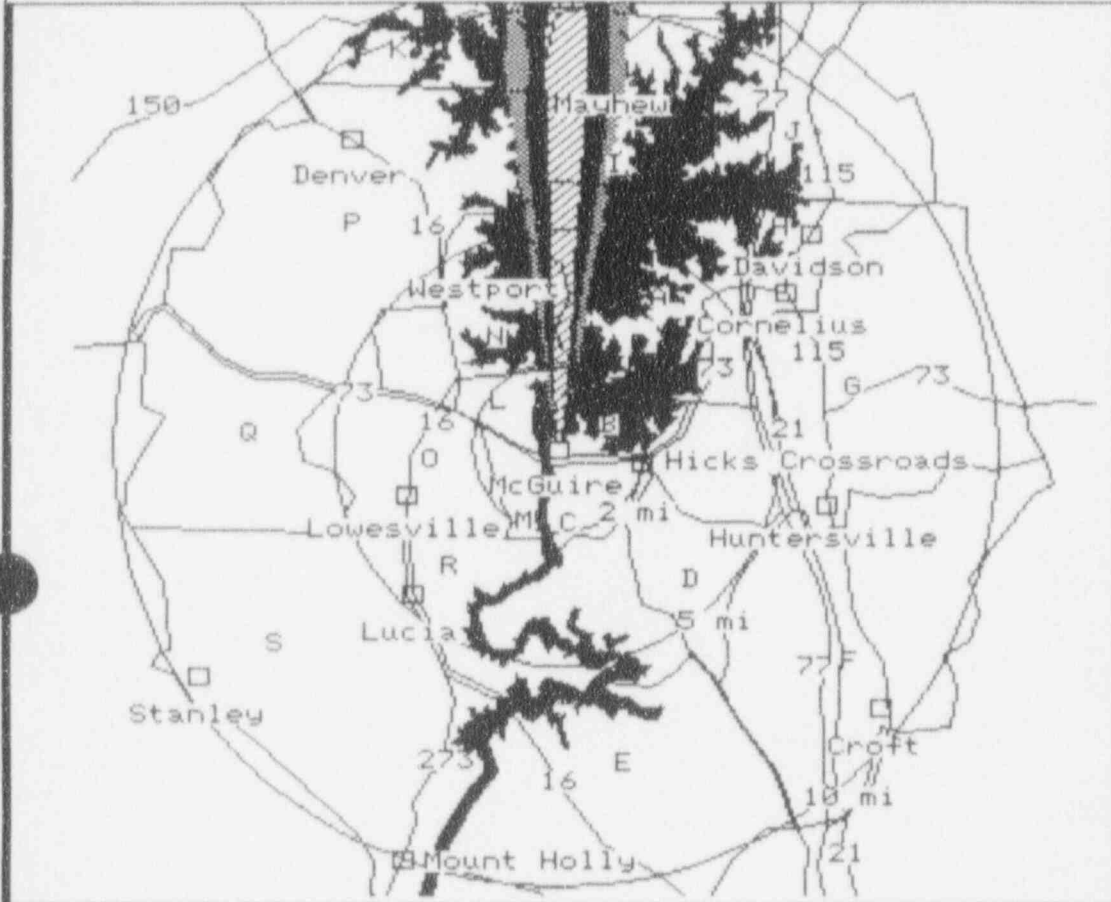
EMF 36 L 1.04E+06 cpm
I-131/Xe-133 Ratio 1.08E-02
Flow Rate 5.30E+04 cfm
Correction Factor 7.14E-11

This is a hypothetical projection. Projection is not stored.

PROJ. DATE = 10/20/93

PROJ. TIME = 11:15:00

CHI/Q* DIFFUSION FACTORS



CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 4.1 MPH

DIR = 181 DEG

STABILITY = F

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	1	2.64E-04
CL2	1	4.81E-05
CL5	1	1.51E-05
CL10	1	7.21E-06

LEGEND

	0.0-1.0E-12
	1.0E-12-1.0E-9
	1.0E-9-1.0E-6
	1.0E-6+ s/m3

MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.4 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

- EVACUATE
- SHELTER IN-PLACE
- OTHER

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1130 Time since trip 2.50 hrs

Meteorology Assessment

Temperature Gradient -0.9

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.79E-06	1.40E-05	2	1.18E-07	5.90E-07
1	2.40E-07	1.20E-06	4	6.39E-08	3.20E-07
3	8.18E-08	4.10E-07	6	3.99E-08	2.00E-07
5	4.99E-08	2.50E-07	8	3.59E-08	1.80E-07
7	3.79E-08	1.90E-07	10	2.99E-08	1.50E-07
9	3.19E-08	1.60E-07			

mile 0 - 2 | 2 - 5 | 5 - 10 |

PAZ L B M C N A I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	0.00E-01	2.92E+01 - Noble Gas
0.00E-01	0.00E-01	3.37E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

Iodine - Child Thyroid

mile	Dose Rate		Dose(rem)		mile	Dose Rate		Dose(rem)		ETA hr
	rem/hr	2.5E-01hr	2hr	rem/hr		2.5E-01hr	2hr			
.5	2.74E-03	6.9E-04	5.5E-03		.5	2.13E+00	5.3E-01	4.3E+00		0.10
1	2.35E-04	5.9E-05	4.7E-04		1	1.82E-01	4.6E-02	3.6E-01		0.20
2	1.16E-04	2.9E-05	2.3E-04		2	8.97E-02	2.2E-02	1.8E-01		0.40
3	8.03E-05	2.0E-05	1.6E-04		3	6.23E-02	1.6E-02	1.2E-01		0.60
4	6.27E-05	1.6E-05	1.3E-04		4	4.86E-02	1.2E-02	9.7E-02		0.80
5	4.90E-05	1.2E-05	9.8E-05		5	3.80E-02	9.5E-03	7.6E-02		1.00
6	3.92E-05	9.8E-06	7.8E-05		6	3.04E-02	7.6E-03	6.1E-02		1.20
7	3.72E-05	9.3E-06	7.4E-05		7	2.89E-02	7.2E-03	5.8E-02		1.40
8	3.53E-05	8.8E-06	7.1E-05		8	2.74E-02	6.8E-03	5.5E-02		1.60
9	3.14E-05	7.8E-06	6.3E-05		9	2.43E-02	6.1E-03	4.9E-02		1.80
10	2.94E-05	7.3E-06	5.9E-05		10	2.28E-02	5.7E-03	4.6E-02		2.00

Integrated Dose* (rem)	WB L	1.14E-03	B	1.14E-03	M	1.14E-03	C	1.14E-03	N	8.73E-05
	TH	5.33E-01		5.33E-01		5.33E-01		5.33E-01		2.25E-02
	WB A	8.73E-05	D	5.84E-05	O	5.84E-05	R	5.84E-05	E	0.00E-01
	TH	2.25E-02		1.24E-04		1.24E-04		1.24E-04		0.00E-01
	WB F	0.00E-01	F	1.43E-05	H	1.43E-05	I	2.66E-05	J	2.66E-05
	TH	0.00E-01		3.03E-05		3.03E-05		9.53E-03		9.53E-03
	WB K	2.66E-05	P	2.66E-05	Q	0.00E-01	S	0.00E-01		
	TH	9.53E-03		9.53E-03		0.00E-01		0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Unit Vent

36 H 3.00E+03 cpm

I-131/Xe-133 Ratio 1.15E-02

Flow Rate 5.30E+04 cfm

Correction Factor 1.84E-07

This is a hypothetical projection. Projection is not stored.

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

- EVACUATE
- SHELTER IN-PLACE
- OTHER

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1130 Time since trip 2.50 hrs

Meteorology Assessment

Temperature Gradient -0.9

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.79E-06	1.40E-05			
1	2.40E-07	1.20E-06	2	1.18E-07	5.90E-07
3	8.18E-08	4.10E-07	4	6.39E-08	3.20E-07
5	4.99E-08	2.50E-07	6	3.99E-08	2.00E-07
7	3.79E-08	1.90E-07	8	3.59E-08	1.80E-07
9	3.19E-08	1.60E-07	10	2.99E-08	1.50E-07

mile 0 - 2 | 2 - 5 | 5 - 10 |

PAZ L B M C N A I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	0.00E-01	2.92E+01 - Noble Gas
0.00E-01	0.00E-01	3.37E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

Iodine - Child Thyroid

mile	Dose Rate			Dose(rem)			ETA	
	rem/hr	2.5E-01hr	2hr	rem/hr	2.5E-01hr	2hr		
.5	2.74E-03	6.9E-04	5.5E-03	.5	2.13E+00	5.3E-01	4.3E+00	0.10
1	2.35E-04	5.9E-05	4.7E-04	1	1.82E-01	4.6E-02	3.6E-01	0.20
2	1.16E-04	2.9E-05	2.3E-04	2	8.97E-02	2.2E-02	1.8E-01	0.40
3	8.03E-05	2.0E-05	1.6E-04	3	6.23E-02	1.6E-02	1.2E-01	0.60
4	6.27E-05	1.6E-05	1.3E-04	4	4.86E-02	1.2E-02	9.7E-02	0.80
5	4.90E-05	1.2E-05	9.8E-05	5	3.80E-02	9.5E-03	7.6E-02	1.00
6	3.92E-05	9.8E-06	7.8E-05	6	3.04E-02	7.6E-03	6.1E-02	1.20
7	3.72E-05	9.3E-06	7.4E-05	7	2.89E-02	7.2E-03	5.8E-02	1.40
8	3.53E-05	8.8E-06	7.1E-05	8	2.74E-02	6.8E-03	5.5E-02	1.60
9	3.14E-05	7.8E-06	6.3E-05	9	2.43E-02	6.1E-03	4.9E-02	1.80
10	2.94E-05	7.3E-06	5.9E-05	10	2.28E-02	5.7E-03	4.6E-02	2.00

Integrated Dose* (rem)	WB L	1.14E-03	B	1.14E-03	M	1.14E-03	C	1.14E-03	N	8.73E-05
	TH	5.33E-01		5.33E-01		5.33E-01		5.33E-01		2.25E-02
	WB A	8.73E-05	D	5.84E-05	O	5.84E-05	R	5.84E-05	E	0.00E-01
	TH	2.25E-02		1.24E-04		1.24E-04		1.24E-04		0.00E-01
	WB F	0.00E-01	F	1.43E-05	H	1.43E-05	I	2.66E-05	J	2.66E-05
	TH	0.00E-01		3.03E-05		3.03E-05		9.53E-03		9.53E-03
	WB K	2.66E-05	P	2.66E-05	Q	0.00E-01	S	0.00E-01		
	TH	9.53E-03		9.53E-03		0.00E-01		0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Unit Vent

36 H 3.00E+03 cpm
I-131/Xe-133 Ratio 1.15E-02
Flow Rate 5.30E+04 cfm
Correction Factor 1.84E-07

This is a hypothetical projection. Projection is not stored.

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1200 Time since trip 3.00 hrs

Meteorology Assessment

Temperature Gradient -0.9

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.99E-06	1.40E-05			
1	2.56E-07	1.20E-06	2	1.26E-07	5.90E-07
3	8.76E-08	4.10E-07	4	6.84E-08	3.20E-07
5	5.34E-08	2.50E-07	6	4.27E-08	2.00E-07
7	4.06E-08	1.90E-07	8	3.85E-08	1.80E-07
9	3.42E-08	1.60E-07	10	3.21E-08	1.50E-07

mile 0 - 2 | 2 - 5 | 5 - 10 |

PAZ L B M C N A D O R I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	4.74E-05	3.09E+01 - Noble Gas
0.00E-01	6.17E-07	4.03E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

mile	Dose Rate		Dose(rem)	
	rem/hr	2.5E-01hr	2hr	
.5	3.11E-03	7.8E-04	6.2E-03	
1	2.67E-04	6.7E-05	5.3E-04	
2	1.31E-04	3.3E-05	2.6E-04	
3	9.11E-05	2.3E-05	1.8E-04	
4	7.11E-05	1.8E-05	1.4E-04	
5	5.55E-05	1.4E-05	1.1E-04	
6	4.44E-05	1.1E-05	8.9E-05	
7	4.22E-05	1.1E-05	8.4E-05	
8	4.00E-05	1.0E-05	8.0E-05	
9	3.55E-05	8.9E-06	7.1E-05	
10	3.33E-05	8.3E-06	6.7E-05	

Iodine - Child Thyroid

mile	Dose Rate		Dose(rem)		ETA hr
	rem/hr	2.5E-01hr	2hr		
.5	2.72E+00	6.8E-01	5.4E+00		0.11
1	2.33E-01	5.8E-02	4.7E-01		0.21
2	1.15E-01	2.9E-02	2.3E-01		0.43
3	7.98E-02	2.0E-02	1.6E-01		0.64
4	6.22E-02	1.6E-02	1.2E-01		0.85
5	4.86E-02	1.2E-02	9.7E-02		1.07
6	3.89E-02	9.7E-03	7.8E-02		1.28
7	3.70E-02	9.2E-03	7.4E-02		1.50
8*	3.50E-02	8.8E-03	7.0E-02		1.71
9	3.11E-02	7.8E-03	6.2E-02		1.92
10	2.92E-02	7.3E-03	5.8E-02		2.14

Integrated Dose* (rem)	WB	L		B		M		C		N	
		A	D	O	R	E	F	G	H	I	J
	TH	1.23E-03	6.82E-01	1.23E-03	6.82E-01	1.23E-03	6.82E-01	1.23E-03	6.82E-01	1.23E-03	9.12E-05
	TH	9.12E-05	2.88E-02	9.12E-05	2.88E-02	9.12E-05	2.88E-02	9.12E-05	2.88E-02	9.12E-05	2.88E-02
	WB	0.00E-01	1.43E-05	0.00E-01	1.43E-05	0.00E-01	1.43E-05	0.00E-01	1.43E-05	0.00E-01	2.82E-05
	TH	0.00E-01	3.03E-05	0.00E-01	3.03E-05	0.00E-01	3.03E-05	0.00E-01	3.03E-05	0.00E-01	1.22E-02
	WB	2.82E-05	0.00E-01	2.82E-05	0.00E-01	2.82E-05	0.00E-01	2.82E-05	0.00E-01	2.82E-05	0.00E-01
	TH	1.22E-02	0.00E-01	1.22E-02	0.00E-01	1.22E-02	0.00E-01	1.22E-02	0.00E-01	1.22E-02	0.00E-01

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 1.31E+05 cpm
I-131/Xe-133 Ratio 1.30E-02
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.15E-13

Unit Vent

EMF 36 H 3.00E+03 cpm
I-131/Xe-133 Ratio 1.30E-02
Flow Rate 5.30E+04 cfm
Correction Factor 1.95E-07

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1215 Time since trip 3.25 hrs

Meteorology Assessment

Temperature Gradient -0.8

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.67E-06	1.40E-05			
1	2.29E-07	1.20E-06	2	1.13E-07	5.90E-07
3	7.82E-08	4.10E-07	4	6.11E-08	3.20E-07
5	4.77E-08	2.50E-07	6	3.82E-08	2.00E-07
7	3.63E-08	1.90E-07	8	3.44E-08	1.80E-07
9	3.05E-08	1.60E-07	10	2.86E-08	1.50E-07
mile 0 - 2	2 - 5		5 - 10		
PAZ L B M C N A			I J K P		

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	5.22E-05	3.17E+01 - Noble Gas
0.00E-01	7.18E-07	4.36E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body				Iodine - Child Thyroid				ETA
mile	Dose Rate	Dose(rem)		mile	Dose Rate	Dose(rem)		hr
	rem/hr	2.5E-01hr	2hr		rem/hr	2.5E-01hr	2hr	
.5	2.84E-03	7.1E-04	5.7E-03	.5	2.63E+00	6.6E-01	5.3E+00	0.10
1	2.44E-04	6.1E-05	4.9E-04	1	2.25E-01	5.6E-02	4.5E-01	0.19
2	1.20E-04	3.0E-05	2.4E-04	2	1.11E-01	2.8E-02	2.2E-01	0.38
3	8.32E-05	2.1E-05	1.7E-04	3	7.70E-02	1.9E-02	1.5E-01	0.57
4	6.50E-05	1.6E-05	1.3E-04	4	6.01E-02	1.5E-02	1.2E-01	0.76
5	5.08E-05	1.3E-05	1.0E-04	5	4.70E-02	1.2E-02	9.4E-02	0.95
6	4.06E-05	1.0E-05	8.1E-05	6	3.76E-02	9.4E-03	7.5E-02	1.15
7	3.86E-05	9.6E-06	7.7E-05	7	3.57E-02	8.9E-03	7.1E-02	1.34
8	3.65E-05	9.1E-06	7.3E-05	8	3.38E-02	8.5E-03	6.8E-02	1.53
9	3.25E-05	8.1E-06	6.5E-05	9	3.01E-02	7.5E-03	6.0E-02	1.72
10	3.05E-05	7.6E-06	6.1E-05	10	2.82E-02	7.0E-03	5.6E-02	1.91
Integrated Dose* (rem)	WB L	1.94E-03	B 1.94E-03	M 1.94E-03	C 1.94E-03	N 1.94E-03	1.21E-04	
	TH	1.34E+00	1.34E+00	1.34E+00	1.34E+00	5.65E-02		
	WB A	1.21E-04	D 9.12E-05	O 9.12E-05	R 9.12E-05	E 0.00E-01		
	TH	5.65E-02	2.88E-02	2.88E-02	2.88E-02	0.00E-01		
	WB F	0.00E-01	F 1.43E-05	H 1.43E-05	I 4.09E-05	J 4.09E-05		
	TH	0.00E-01	3.03E-05	3.03E-05	2.39E-02	2.39E-02		
	WB K	4.09E-05	P 4.09E-05	Q 0.00E-01	S 0.00E-01			
	TH	2.39E-02	2.39E-02	0.00E-01	0.00E-01			

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 1.41E+05 cpm
I-131/Xe-133 Ratio 1.38E-02
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.17E-13

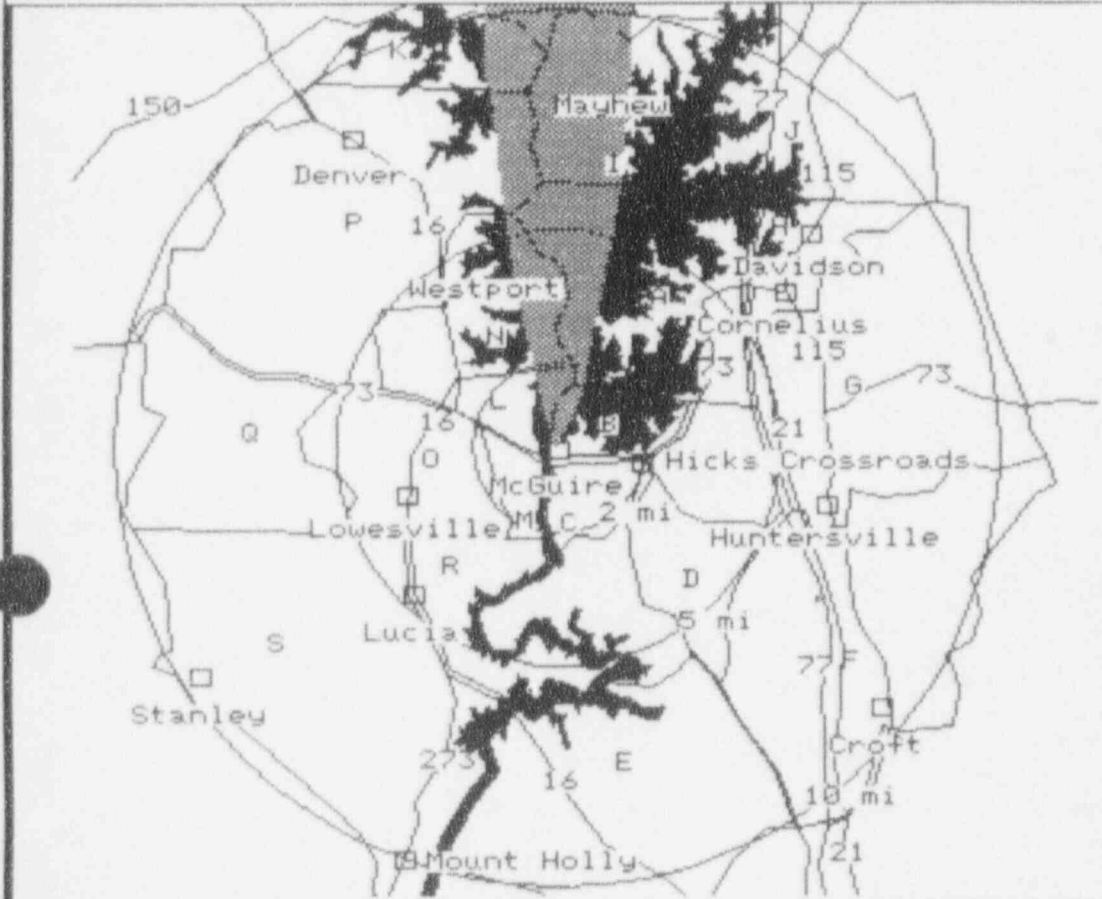
Unit Vent

EMF 36 H 3.00E+03 cpm
I-131/Xe-133 Ratio 1.38E-02
Flow Rate 5.30E+04 cfm
Correction Factor 1.99E-07

PROJ. DATE = 10/20/93

PROJ. TIME = 12:15:00

THYROID DOSE RATE



CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 5.1 MPH

DIR = 100 DEG

STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	mrem/hr
SB	0	2.63E+03
CL2	0	1.11E+02
CL5	0	4.70E+01
CL10	0	2.82E+01

LEGEND

	0 - 10
	10 - 2500
	2500 - 12500
	12500+ mR/hr

MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.0 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1230 Time since trip 3.50 hrs

Meteorology Assessment

Temperature Gradient -0.9

Distance X/Q Ch			Distance X/Q Ch		
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.85E-06	1.40E-05			
1	2.44E-07	1.20E-06	2	1.20E-07	5.90E-07
3	8.33E-08	4.10E-07	4	6.50E-08	3.20E-07
5	5.08E-08	2.50E-07	6	4.07E-08	2.00E-07
7	3.86E-08	1.90E-07	8	3.66E-08	1.80E-07
9	3.25E-08	1.60E-07	10	3.05E-08	1.50E-07
mile 0 - 2 2 - 5 5 - 10					
PAZ L B M C N A D O R			G H I J K P		

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
1.65E+01	0.00E-01	1.61E+01 - Noble Gas
2.40E-03	0.00E-01	2.34E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body				Iodine - Child Thyroid				ETA hr	
mile	Dose Rate rem/hr	Dose(rem)		mile	Dose Rate rem/hr	Dose(rem)			
		2.5E-01hr	2hr			2.5E-01hr	2hr		
.5	3.12E-03	7.8E-04	6.2E-03	.5	1.52E+00	3.8E-01	3.0E+00	0.10	
1	2.68E-04	6.7E-05	5.4E-04	1	1.30E-01	3.3E-02	2.6E-01	0.20	
2	1.32E-04	3.3E-05	2.6E-04	2	6.41E-02	1.6E-02	1.3E-01	0.41	
3	9.15E-05	2.3E-05	1.8E-04	3	4.45E-02	1.1E-02	8.9E-02	0.61	
4	7.14E-05	1.8E-05	1.4E-04	4	3.47E-02	8.7E-03	6.9E-02	0.81	
5	5.58E-05	1.4E-05	1.1E-04	5	2.71E-02	6.8E-03	5.4E-02	1.02	
6	4.46E-05	1.1E-05	8.9E-05	6	2.17E-02	5.4E-03	4.3E-02	1.22	
7	4.24E-05	1.1E-05	8.5E-05	7	2.06E-02	5.2E-03	4.1E-02	1.42	
8	4.02E-05	1.0E-05	8.0E-05	8	1.95E-02	4.9E-03	3.9E-02	1.63	
9	3.57E-05	8.9E-06	7.1E-05	9	1.74E-02	4.3E-03	3.5E-02	1.83	
10	3.35E-05	8.4E-06	6.7E-05	10	1.63E-02	4.1E-03	3.3E-02	2.03	
Integrated Dose* (rem)									
WB L	2.72E-03	B	2.72E-03	M	2.72E-03	C	2.72E-03	N	1.54E-04
TH	1.72E+00		1.72E+00		1.72E+00		1.72E+00		7.25E-02
WB A	1.54E-04	D	1.24E-04	O	1.24E-04	R	1.24E-04	E	0.00E-01
TH	7.25E-02		4.48E-02		4.48E-02		4.48E-02		0.00E-01
WB F	0.00E-01	F	2.83E-05	H	2.83E-05	I	5.48E-05	J	5.48E-05
TH	0.00E-01		6.82E-03		6.82E-03		3.07E-02		3.07E-02
WB K	5.48E-05	P	5.48E-05	Q	0.00E-01	S	0.00E-01		
TH	3.07E-02		3.07E-02		0.00E-01		0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Unit Vent

F 36 H 1.50E+03 cpm

I-131/Xe-133 Ratio 1.45E-02

Flow Rate 5.30E+04 cfm

Correction Factor 2.03E-07

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1245 Time since trip 3.75 hrs

Meteorology Assessment

Temperature Gradient -0.9

Distance X/Q Ch			Distance X/Q Ch		
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	3.73E-06	1.40E-05			
1	3.20E-07	1.20E-06	2	1.57E-07	5.90E-07
3	1.09E-07	4.10E-07	4	8.53E-08	3.20E-07
5	6.67E-08	2.50E-07	6	5.33E-08	2.00E-07
7	5.07E-08	1.90E-07	8	4.80E-08	1.80E-07
9	4.27E-08	1.60E-07	10	4.00E-08	1.50E-07
mile 0 - 2 2 - 5			5 - 10		
PAZ L B M C N A D O R			G H I J K P		

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	0.00E-01	1.64E+01 - Noble Gas
0.00E-01	0.00E-01	2.50E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

mile	Dose Rate rem/hr	Dose(rem)	
		2.5E-01hr	2hr
.5	2.06E-03	5.1E-04	4.1E-03
1	1.76E-04	4.4E-05	3.5E-04
2	8.67E-05	2.2E-05	1.7E-04
3	6.02E-05	1.5E-05	1.2E-04
4	4.70E-05	1.2E-05	9.4E-05
5	3.67E-05	9.2E-06	7.3E-05
6	2.94E-05	7.3E-06	5.9E-05
7	2.79E-05	7.0E-06	5.6E-05
8	2.64E-05	6.6E-06	5.3E-05
9	2.35E-05	5.9E-06	4.7E-05
10	2.20E-05	5.5E-06	4.4E-05

Iodine - Child Thyroid

mile	Dose Rate rem/hr	Dose(rem)		ETA hr
		2.5E-01hr	2hr	
.5	2.11E+00	5.3E-01	4.2E+00	0.13
1	1.81E-01	4.5E-02	3.6E-01	0.27
2	8.89E-02	2.2E-02	1.8E-01	0.53
3	6.18E-02	1.5E-02	1.2E-01	0.80
4	4.82E-02	1.2E-02	9.6E-02	1.07
5	3.77E-02	9.4E-03	7.5E-02	1.33
6	3.01E-02	7.5E-03	6.0E-02	1.60
7	2.86E-02	7.2E-03	5.7E-02	1.87
8	2.71E-02	6.8E-03	5.4E-02	2.13
9	2.41E-02	6.0E-03	4.8E-02	2.40
10	2.26E-02	5.6E-03	4.5E-02	2.67

Integrated Dose* (rem)	WB L		B		M		C		N	
	TH	WB A	TH	WB F	TH	WB K	TH	WB P	TH	WB Q
	3.24E-03	1.76E-04	2.25E+00	3.74E-05	2.25E+00	6.40E-05	2.25E+00	6.40E-05	2.25E+00	0.00E-01
	9.48E-02	0.00E-01	6.70E-02	3.74E-05	6.70E-02	0.00E-01	6.70E-02	0.00E-01	6.70E-02	0.00E-01
	4.01E-02	4.01E-02	4.01E-02	4.01E-02	4.01E-02	4.01E-02	4.01E-02	4.01E-02	4.01E-02	4.01E-02

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

7 39 H 1.60E+05 cpm
I-131/Xe-133 Ratio 1.52E-02
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.21E-13

Unit Vent

EMF 36 H 1.50E+03 cpm
I-131/Xe-133 Ratio 1.52E-02
Flow Rate 5.30E+04 cfm
Correction Factor 2.06E-07

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Site Area Emergency

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1300 Time since trip 4.00 hrs

Meteorology Assessment

Temperature Gradient -0.9

Distance X/Q Ch			Distance X/Q Ch		
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	3.69E-06	1.40E-05			
1	3.17E-07	1.20E-06	2	1.56E-07	5.90E-07
3	1.08E-07	4.10E-07	4	8.44E-08	3.20E-07
5	6.60E-08	2.50E-07	6	5.28E-08	2.00E-07
7	5.01E-08	1.90E-07	8	4.75E-08	1.80E-07
9	4.22E-08	1.60E-07	10	3.96E-08	1.50E-07

mile 0 - 2 | 2 - 5 | 5 - 10 |
PAZ L B M C N A D O R I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	1.09E-04	1.66E+01 - Noble Gas
0.00E-01	1.75E-06	2.66E-01 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

Iodine - Child Thyroid

Dose Rate Dose(rem)				Dose Rate Dose(rem)				ETA
mile	rem/hr	2.5E-01hr	2hr	mile	rem/hr	2.5E-01hr	2hr	hr
.5	2.06E-03	5.2E-04	4.1E-03	.5	2.22E+00	5.5E-01	4.4E+00	0.13
1	1.77E-04	4.4E-05	3.5E-04	1	1.90E-01	4.8E-02	3.8E-01	0.26
2	8.69E-05	2.2E-05	1.7E-04	2	9.34E-02	2.3E-02	1.9E-01	0.53
3	6.04E-05	1.5E-05	1.2E-04	3	6.49E-02	1.6E-02	1.3E-01	0.79
4	4.71E-05	1.2E-05	9.4E-05	4	5.07E-02	1.3E-02	1.0E-01	1.06
5	3.68E-05	9.2E-06	7.4E-05	5	3.96E-02	9.9E-03	7.9E-02	1.32
6	2.95E-05	7.4E-06	5.9E-05	6	3.17E-02	7.9E-03	6.3E-02	1.58
7	2.80E-05	7.0E-06	5.6E-05	7	3.01E-02	7.5E-03	6.0E-02	1.85
8	2.65E-05	6.6E-06	5.3E-05	8	2.85E-02	7.1E-03	5.7E-02	2.11
9	2.36E-05	5.9E-06	4.7E-05	9	2.53E-02	6.3E-03	5.1E-02	2.37
10	2.21E-05	5.5E-06	4.4E-05	10	2.38E-02	5.9E-03	4.8E-02	2.64

Integrated Dose* (rem)	WB L	B	3.75E-03	M	3.75E-03	C	3.75E-03	N	1.97E-04
	TH		2.80E+00		2.80E+00		2.80E+00		1.18E-01
	WB A	D	1.97E-04	O	1.67E-04	R	1.67E-04	E	0.00E-01
	TH		1.18E-01		9.04E-02		9.04E-02		0.00E-01
	WB F	F	0.00E-01	H	3.74E-05	I	7.32E-05	J	7.32E-05
	TH		0.00E-01		1.62E-02		5.00E-02		5.00E-02
	WB K	P	7.32E-05	Q	7.32E-05	S	0.00E-01		0.00E-01
	TH		5.00E-02		5.00E-02		0.00E-01		0.00E-01

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 1.70E+05 cpm
I-131/Xe-133 Ratio 1.60E-02
psig 3.00E-01
Leak Rate 5.23E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.23E-13

Unit Vent

EMF 36 H 1.50E+03 cpm
I-131/Xe-133 Ratio 1.60E-02
Flow Rate 5.30E+04 cfm
Correction Factor 2.09E-07

PROJ. DATE = 10/20/93

PROJ. TIME = 13:00:00

THYROID DOSE RATE

CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 3.7 MPH





DIR = 176 DEG

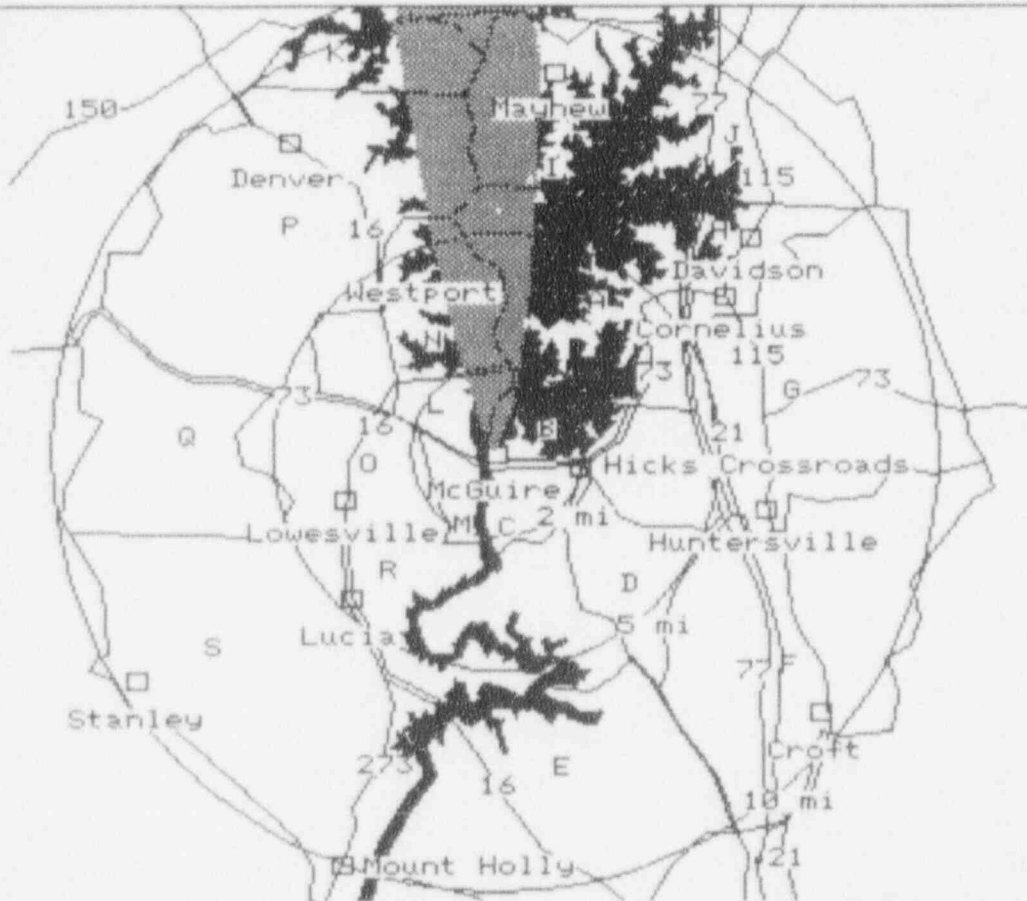
STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	mrem/hr
SB	356	2.22E+03
CL2	356	9.34E+01
CL5	356	3.96E+01
CL10	356	2.38E+01

LEGEND

	0 - 10
	10 - 2500
	2500 - 12500
	12500+ mR/hr



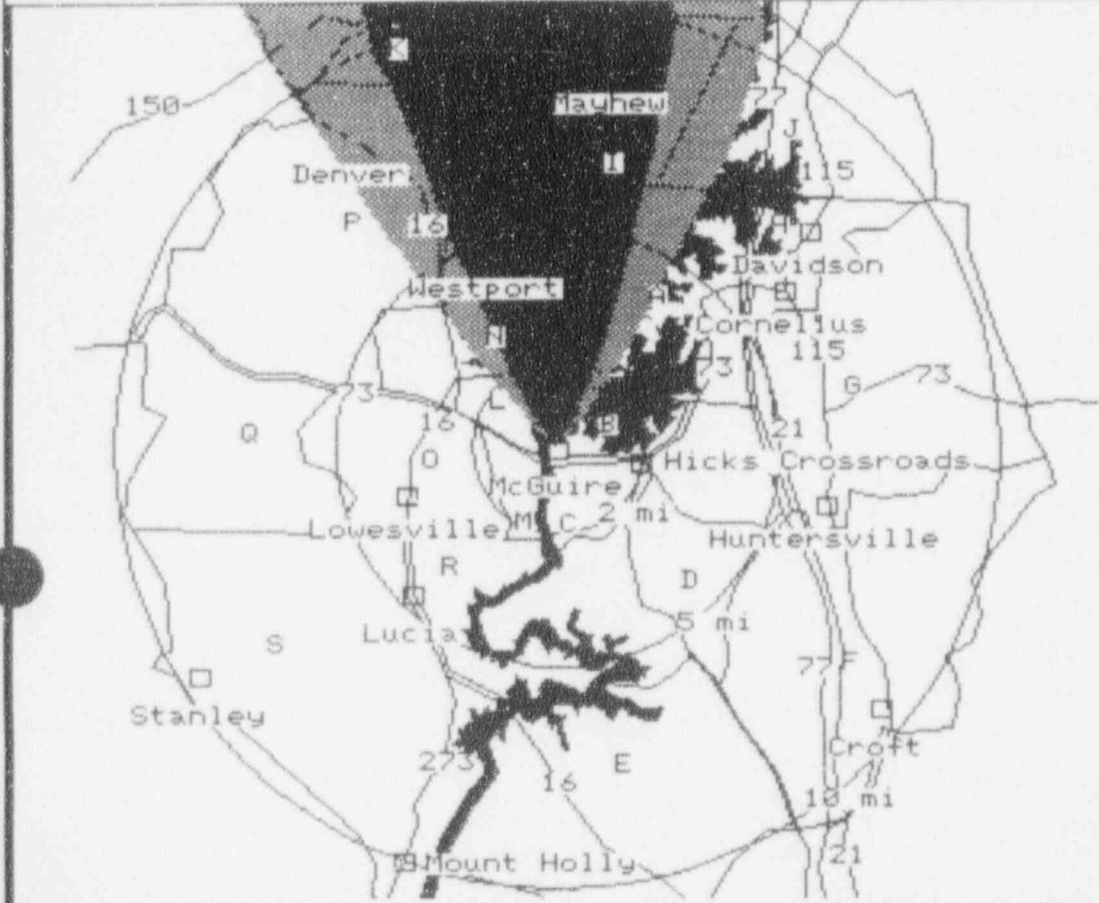
MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.7 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

PROJ. DATE = 10/20/93

PROJ. TIME = 13:00:00

CHI/O* DIFFUSION FACTORS



CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 3.7 MPH

DIR = 176 DEG

STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	356	3.69E-06
CL2	356	1.56E-07
CL5	356	6.60E-08
CL10	356	3.96E-08

LEGEND

- 0.0-1.0E-12
- 1.0E-12-1.0E-9
- 1.0E-9-1.0E-6
- 1.0E-6+ s/m3

MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.7 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

None

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1400 Time since trip 5.00 hrs

Meteorology Assessment

Temperature Gradient -1.0

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.82E-06	1.40E-05			
1	2.42E-07	1.20E-06	2	1.19E-07	5.90E-07
3	8.27E-08	4.10E-07	4	6.45E-08	3.20E-07
5	5.04E-08	2.50E-07	6	4.03E-08	2.00E-07
7	3.83E-08	1.90E-07	8	3.63E-08	1.80E-07
9	3.23E-08	1.60E-07	10	3.02E-08	1.50E-07

mile 0 - 2 | 2 - 5 | 5 - 10
 PAZ L B M C N A D O R G H I J K P

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	1.38E-04	1.71E+00 - Noble Gas
0.00E-01	2.61E-06	3.24E-02 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body				Iodine - Child Thyroid				ETA
mile	Dose Rate	Dose(rem)		mile	Dose Rate	Dose(rem)		hr
	rem/hr	2.5E-01hr	2hr		rem/hr	2.5E-01hr	2hr	
.5	1.62E-04	4.0E-05	3.2E-04	.5	2.06E-01	5.2E-02	4.1E-01	0.10
1	1.39E-05	3.5E-06	2.8E-05	1	1.77E-02	4.4E-03	3.5E-02	0.20
2	6.83E-06	1.7E-06	1.4E-05	2"	8.70E-03	2.2E-03	1.7E-02	0.40
3	4.74E-06	1.2E-06	9.5E-06	3	6.05E-03	1.5E-03	1.2E-02	0.60
4	3.70E-06	9.3E-07	7.4E-06	4	4.72E-03	1.2E-03	9.4E-03	0.81
5	2.89E-06	7.2E-07	5.8E-06	5	3.69E-03	9.2E-04	7.4E-03	1.01
6	2.31E-06	5.8E-07	4.6E-06	6	2.95E-03	7.4E-04	5.9E-03	1.21
7	2.20E-06	5.5E-07	4.4E-06	7	2.80E-03	7.0E-04	5.6E-03	1.41
8	2.08E-06	5.2E-07	4.2E-06	8	2.65E-03	6.6E-04	5.3E-03	1.61
9	1.85E-06	4.6E-07	3.7E-06	9	2.36E-03	5.9E-04	4.7E-03	1.81
10	1.74E-06	4.3E-07	3.5E-06	10	2.21E-03	5.5E-04	4.4E-03	2.02

Integrated Dose* (rem)	WB L	B	5.34E-03	M	5.34E-03	C	5.34E-03	N	2.64E-04
	TH	4.51E+00	4.51E+00	4.51E+00	4.51E+00	4.51E+00	4.51E+00	1.90E-01	
	WB A	2.64E-04	D	2.34E-04	O	2.34E-04	R	2.34E-04	E
	TH	1.90E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	0.00E-01	
	WB F	0.00E-01	F	3.82E-05	H	3.82E-05	I	1.02E-04	J
	TH	0.00E-01	1.72E-02	1.72E-02	1.72E-02	8.06E-02	8.06E-02		
	WB K	1.02E-04	P	1.02E-04	Q	0.00E-01	S	0.00E-01	
	TH	8.06E-02	8.06E-02	0.00E-01	0.00E-01	0.00E-01	0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 2.08E+05 cpm
I-131/Xe-133 Ratio 1.90E-02
psig 3.00E-01
Leak Rate 5.23E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.27E-13

Unit Vent

EMF 39 H 1.50E+02 cpm
I-131/Xe-133 Ratio 1.90E-02
Flow Rate 5.30E+04 cfm
Correction Factor 2.15E-07

PROJ. DATE = 10/20/93

PROJ. TIME = 14:00:00

THYROID DOSE RATE

CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 5.0 MPH





DIR = 185 DEG

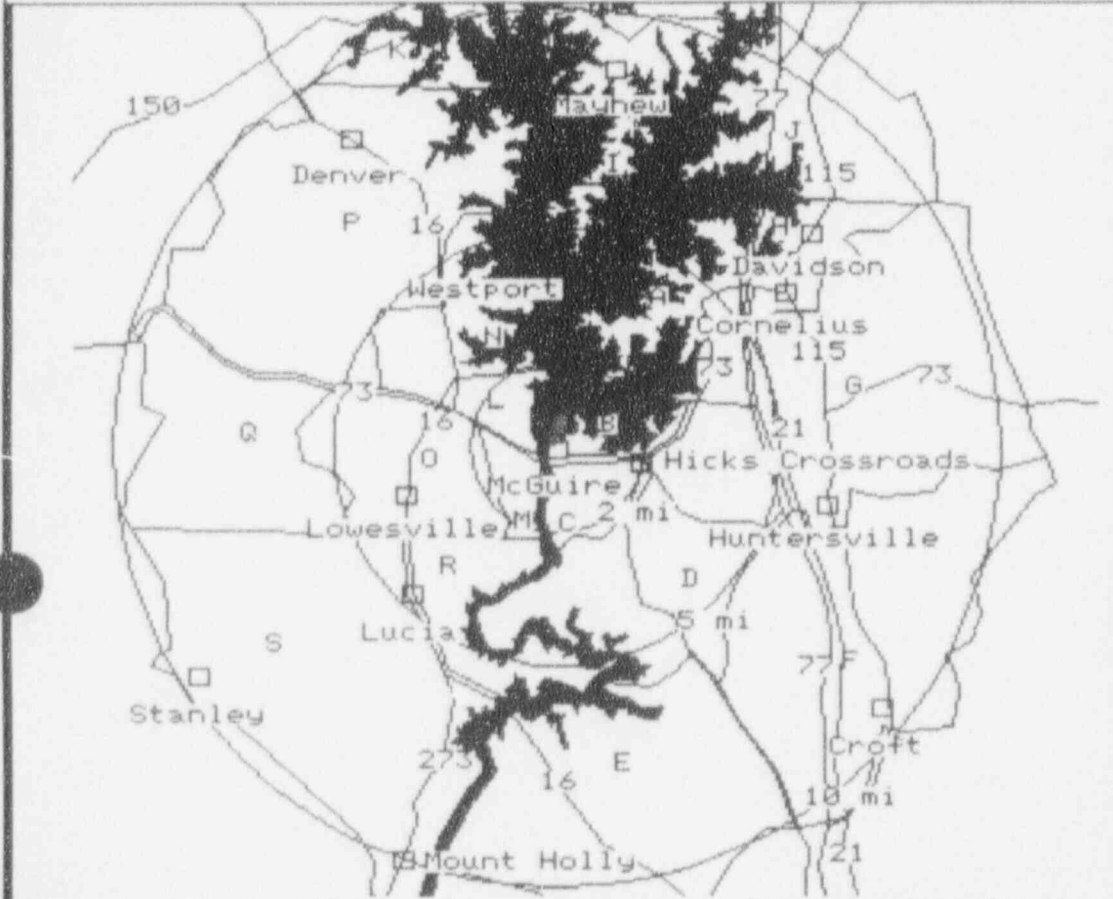
STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	mrem/hr
SB	5	2.06E+02
CL2	5	8.70E+00
CL5	5	3.69E+00
CL10	5	2.21E+00

LEGEND

-  0 - 10
-  10 - 2500
-  2500 - 12500
-  12500+ mR/hr



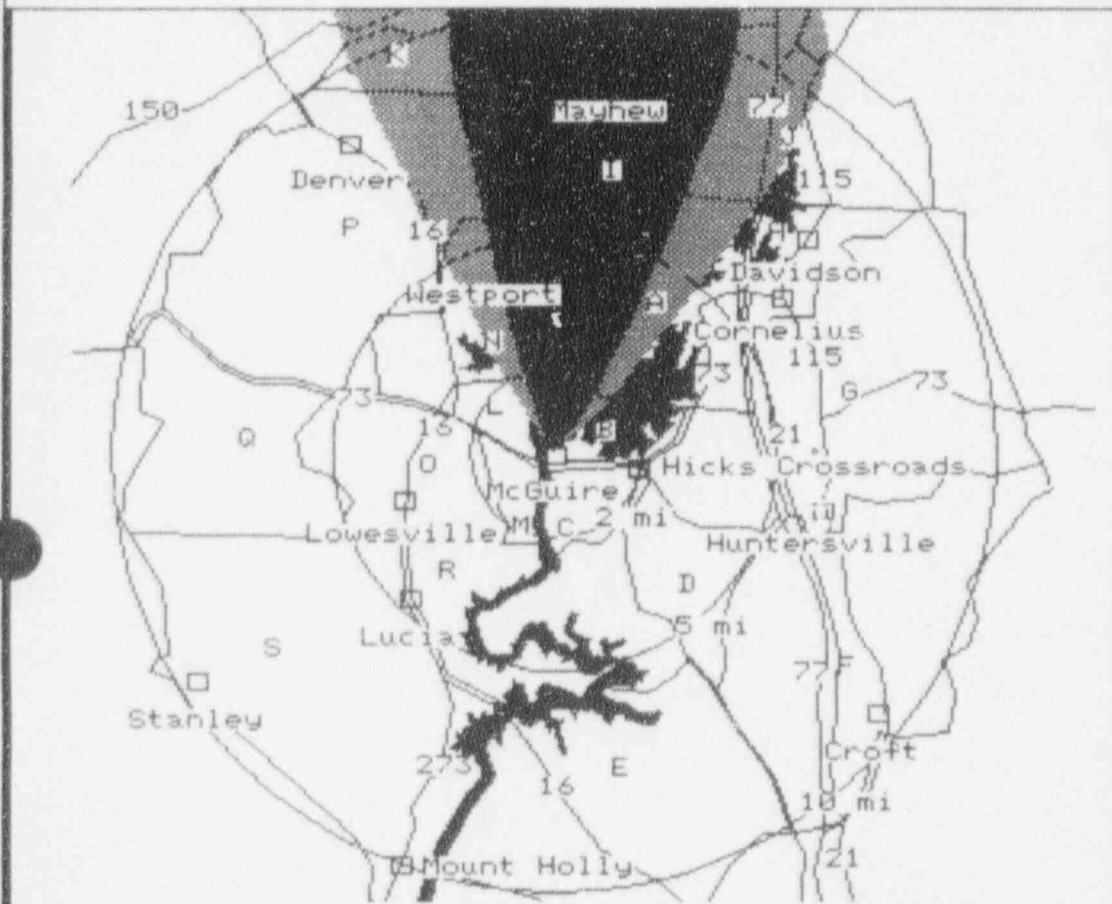
MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.0 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

PROJ. DATE = 10/20/93

PROJ. TIME = 14:00:00

CHI/Q* DIFFUSION FACTORS



CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 5.0 MPH

DIR = 185 DEG

STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	5	2.82E-06
CL2	5	1.19E-07
CL5	5	5.04E-08
CL10	5	3.02E-08

LEGEND

- 0.0-1.0E-12
- 1.0E-12-1.0E-9
- 1.0E-9-1.0E-6
- 1.0E-6+ s/m3

MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.0 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

None

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S

OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1500 Time since trip 6.00 hrs

Meteorology Assessment

Temperature Gradient -0.8

Distance X/Q Ch			Distance X/Q Ch		
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.93E-06	1.40E-05			
1	2.51E-07	1.20E-06	2	1.23E-07	5.90E-07
3	8.58E-08	4.10E-07	4	6.69E-08	3.20E-07
5	5.23E-08	2.50E-07	6	4.18E-08	2.00E-07
7	3.97E-08	1.90E-07	8	3.77E-08	1.80E-07
9	3.35E-08	1.60E-07	10	3.14E-08	1.50E-07
mile 0 - 2 2 - 5			5 - 10		
PAZ L B M C N A D O R			I J K P		

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	1.42E-03	1.70E-01 - Noble Gas
0.00E-01	3.11E-05	3.74E-03 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

mile	Dose Rate		Dose(rem)	
	rem/hr	2.5E-01hr	2hr	
.5	1.69E-05	4.2E-06	3.4E-05	
1	1.45E-06	3.6E-07	2.9E-06	
2	7.13E-07	1.8E-07	1.4E-06	
3	4.95E-07	1.2E-07	9.9E-07	
4	3.87E-07	9.7E-08	7.7E-07	
5	3.02E-07	7.6E-08	6.0E-07	
6	2.42E-07	6.0E-08	4.8E-07	
7	2.30E-07	5.7E-08	4.6E-07	
8	2.17E-07	5.4E-08	4.3E-07	
9	1.93E-07	4.8E-08	3.9E-07	
10	1.81E-07	4.5E-08	3.6E-07	

Iodine - Child Thyroid

mile	Dose Rate		Dose(rem)		ETA hr
	rem/hr	2.5E-01hr	2hr		
.5	2.49E-02	6.2E-03	5.0E-02		0.10
1	2.14E-03	5.3E-04	4.3E-03		0.21
2	1.05E-03	2.6E-04	2.1E-03		0.42
3	7.30E-04	1.8E-04	1.5E-03		0.63
4	5.70E-04	1.4E-04	1.1E-03		0.84
5	4.45E-04	1.1E-04	8.9E-04		1.05
6	3.56E-04	8.9E-05	7.1E-04		1.26
7	3.39E-04	8.5E-05	6.8E-04		1.46
8	3.21E-04	8.0E-05	6.4E-04		1.67
9	2.85E-04	7.1E-05	5.7E-04		1.88
10	2.67E-04	6.7E-05	5.3E-04		2.09

Integrated Dose* (rem)	WB L		B		M		C		N	
	TH	WB A	TH	WB F	TH	WB K	TH	WB P	TH	WB Q
	5.46E-03	2.70E-04	5.46E-03	4.03E-05	5.46E-03	1.04E-04	5.46E-03	2.40E-04	5.46E-03	0.00E-01
	4.68E+00	1.97E-01	4.68E+00	1.69E-01	4.68E+00	1.69E-01	4.68E+00	1.69E-01	4.68E+00	1.97E-01
	2.70E-04	0.00E-01	2.40E-04	4.03E-05	2.40E-04	1.04E-04	2.40E-04	2.40E-04	2.40E-04	0.00E-01
	1.97E-01	0.00E-01	1.69E-01	1.99E-02	1.69E-01	1.99E-02	1.69E-01	1.69E-01	1.69E-01	0.00E-01
	0.00E-01	1.04E-04	4.03E-05	1.04E-04	4.03E-05	1.04E-04	4.03E-05	1.04E-04	1.04E-04	1.04E-04
	0.00E-01	8.35E-02	1.99E-02	8.35E-02	1.99E-02	8.35E-02	1.99E-02	8.35E-02	8.35E-02	8.35E-02
	1.04E-04	0.00E-01	1.04E-04	0.00E-01	1.04E-04	0.00E-01	1.04E-04	0.00E-01	0.00E-01	0.00E-01
	8.35E-02	0.00E-01	8.35E-02	0.00E-01	8.35E-02	0.00E-01	8.35E-02	0.00E-01	0.00E-01	0.00E-01

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 2.47E+05 cpm
I-131/Xe-133 Ratio 2.19E-02
psig 3.00E+00
Leak Rate 4.54E+04 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.26E-13

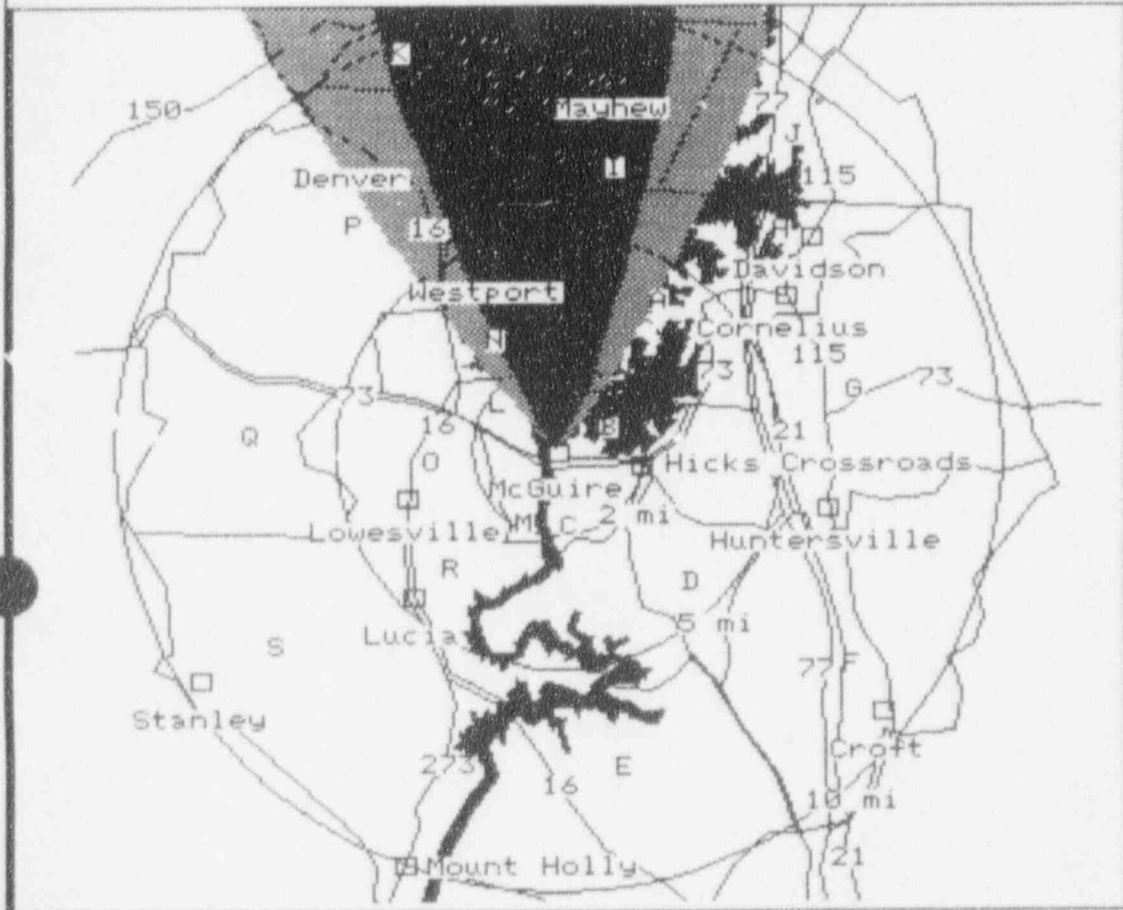
Unit Vent

EMI 36 H 1.50E+01 cpm
I-131/Xe-133 Ratio 2.19E-02
Flow Rate 5.30E+04 cfm
Correction Factor 2.14E-07

PROJ. DATE = 10/20/93

PROJ. TIME = 15:00:00

CHI/Q* DIFFUSION FACTORS



CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 4.8 MPH

DIR = 176 DEG

STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	356	2.93E-06
CL2	356	1.23E-07
CL5	356	5.23E-08
CL10	356	3.14E-08

LEGEND

	0.0-1.0E-12
	1.0E-12-1.0E-9
	1.0E-9-1.0E-6
	1.0E-6+ s/m3

MODE = A DECAY = OFF DEPOSITION = OFF ETA = 2.1 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :
None

Recommended Protective Actions (based on Dose Projections only)

EVACUATE

SHELTER IN-PLACE L B M C N A D O R E F G H I J K P Q S
OTHER L B M C

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 1500 Time since trip 6.00 hrs

Meteorology Assessment

Temperature Gradient -0.8

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	2.93E-06	1.40E-05			
1	2.51E-07	1.20E-06	2	1.23E-07	5.90E-07
3	8.58E-08	4.10E-07	4	6.69E-08	3.20E-07
5	5.23E-08	2.50E-07	6	4.18E-08	2.00E-07
7	3.97E-08	1.90E-07	8	3.77E-08	1.80E-07
9	3.35E-08	1.60E-07	10	3.14E-08	1.50E-07
mile 0 - 2	2 - 5		5 - 10		
PAZ L B M C N A D O R			I J K P		

Source Term Assessment

Steam Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	1.42E-03	1.70E-01 - Noble Gas
0.00E-01	3.11E-05	3.74E-03 - Iodine

Source Term based on Melted Core

Dose Assessment

Noble Gas - Adult Whole Body

mile	Dose Rate rem/hr	Dose(rem)	
		2.5E-01hr	2hr
.5	1.69E-05	4.2E-06	3.4E-05
1	1.45E-06	3.6E-07	2.9E-06
2	7.13E-07	1.8E-07	1.4E-06
3	4.95E-07	1.2E-07	9.9E-07
4	3.87E-07	9.7E-08	7.7E-07
5	3.02E-07	7.6E-08	6.0E-07
6	2.42E-07	6.0E-08	4.8E-07
7	2.30E-07	5.7E-08	4.6E-07
8	2.17E-07	5.4E-08	4.3E-07
9	1.93E-07	4.8E-08	3.9E-07
10	1.81E-07	4.5E-08	3.6E-07

Iodine - Child Thyroid

mile	Dose Rate rem/hr	Dose(rem)		ETA hr
		2.5E-01hr	2hr	
.5	2.49E-02	6.2E-03	5.0E-02	0.10
1	2.14E-03	5.3E-04	4.3E-03	0.21
2	1.05E-03	2.6E-04	2.1E-03	0.42
3	7.30E-04	1.8E-04	1.5E-03	0.63
4	5.70E-04	1.4E-04	1.1E-03	0.84
5	4.45E-04	1.1E-04	8.9E-04	1.05
6	3.56E-04	8.9E-05	7.1E-04	1.26
7	3.39E-04	8.5E-05	6.8E-04	1.46
8	3.21E-04	8.0E-05	6.4E-04	1.67
9	2.85E-04	7.1E-05	5.7E-04	1.88
10	2.67E-04	6.7E-05	5.3E-04	2.09

Integrated Dose* (rem)	WB L	B	5.46E-03	M	5.46E-03	C	5.46E-03	N	2.70E-04
	TH	4.68E+00	4.68E+00	4.68E+00	4.68E+00	4.68E+00	4.68E+00	1.97E-01	
	WB A	2.70E-04	D	2.40E-04	O	2.40E-04	R	2.40E-04	E
	TH	1.97E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	0.00E-01	
	WB F	0.00E-01	F	4.03E-05	H	4.03E-05	I	1.04E-04	J
	TH	0.00E-01	1.99E-02	1.99E-02	1.99E-02	8.35E-02	8.35E-02	8.35E-02	
	WB K	1.04E-04	P	1.04E-04	Q	0.00E-01	S	0.00E-01	
	TH	8.35E-02	8.35E-02	0.00E-01	0.00E-01	0.00E-01	0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

39 H 2.47E+05 cpm
I-131/Xe-133 Ratio 2.19E-02
psig 3.00E+00
Leak Rate 4.54E+04 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 1.26E-13

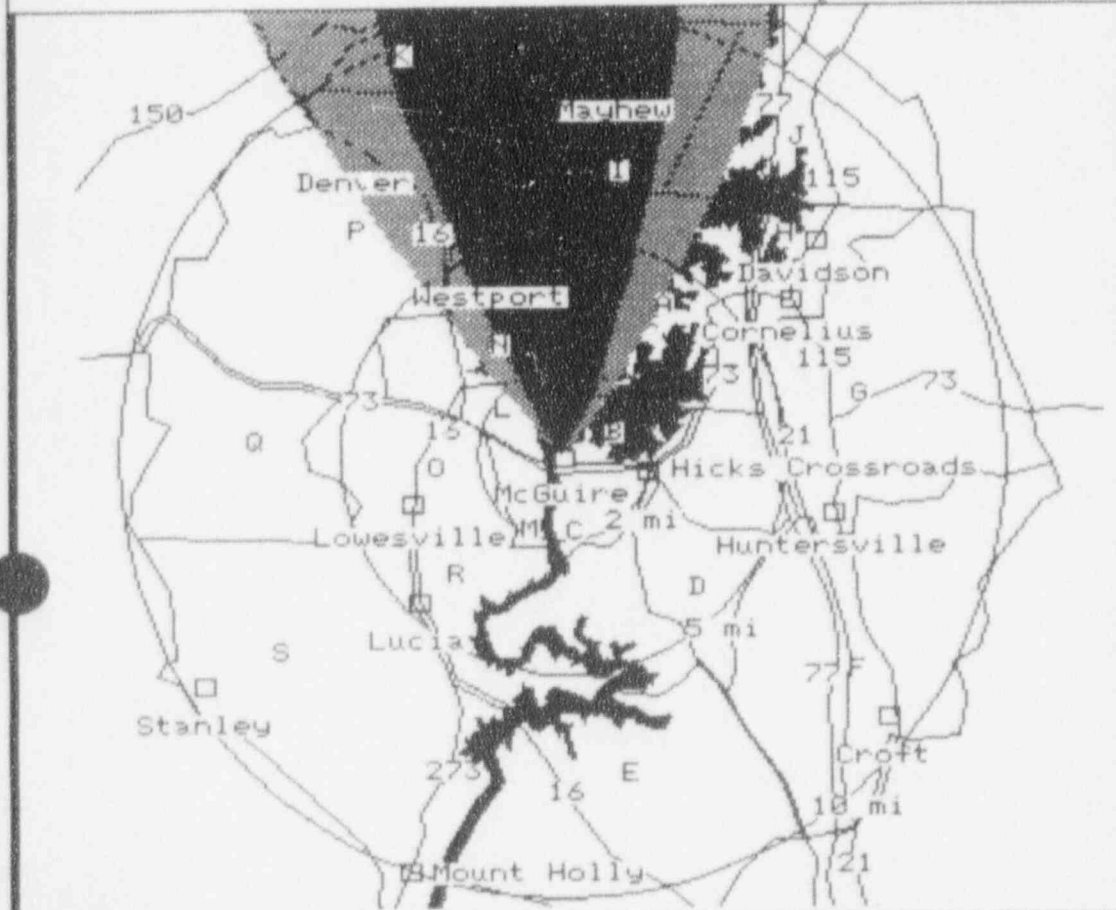
Unit Vent

EMF 36 H 1.50E+01 cpm
I-131/Xe-133 Ratio 2.19E-02
Flow Rate 5.30E+04 cfm
Correction Factor 2.14E-07

PROJ. DATE = 10/20/93

PROJ. TIME = 15:00:00

CHI/Q* DIFFUSION FACTORS



CURRENT EFFLUENT

RATE = .0 uCi/s

CURRENT MET

SPEED = 4.8 MPH

DIR = 176 DEG

STABILITY = A

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	356	2.93E-06
CL2	356	1.23E-07
CL5	356	5.23E-08
CL10	356	3.14E-08

LEGEND

- 0.0-1.0E-12
- 1.0E-12-1.0E-9
- 1.0E-9-1.0E-6
- 1.0E-6+ s/m3

MODE = A DECAY = OFF DEPOSITION = OFF .ETA = 2.1 HRS

RELEASE HT. = 3.3 ft. RELEASE PT. = Simultaneous

Review with Emergency Coordinator the recommended Emergency Classification (based on Dose Projections only) :

Recommend Alert

Recommended Protective Actions (based on Dose Projections only)

- EVACUATE
- SHELTER IN-PLACE
- OTHER

Note

*** - Compare these recommendations with other groups' recommendations that the Emergency Coordinator/Recovery Manager reviews.

Projection based on data on 10/20/93 915 Time since trip 0.25 hrs

Meteorology Assessment

Temperature Gradient -0.5

Distance	X/Q	Ch	Distance	X/Q	Ch
mile	sec/m3	mph-sec/m3	mile	sec/m3	mph-sec/m3
.5	1.85E-04	3.80E-04			
1	6.83E-05	1.40E-04	2	2.39E-05	4.90E-05
3	1.32E-05	2.70E-05	4	8.29E-06	1.70E-05
5	5.85E-06	1.20E-05	6	4.49E-06	9.20E-06
7	3.56E-06	7.30E-06	8	2.93E-06	6.00E-06
9	2.44E-06	5.00E-06	10	2.10E-06	4.30E-06
mile	0 - 2	2 - 5	5 - 10		
PAZ	L B M C N A D O R		G H I J K P		

Source Term Assessment

am Relief Valves	Containment	Unit Vent
Ci/sec	Ci/sec	Ci/sec
0.00E-01	2.72E-06	2.91E-01 - Noble Gas
0.00E-01	8.55E-09	9.15E-06 - Iodine

Source Term based on LOCA(charcoal)

Dose Assessment

Noble Gas - Adult Whole Body

mile	Dose Rate		Dose(rem)	
	rem/hr	2.5E-01hr	2hr	
.5	1.81E-03	4.5E-04	3.6E-03	
1	6.68E-04	1.7E-04	1.3E-03	
2	2.34E-04	5.8E-05	4.7E-04	
3	1.29E-04	3.2E-05	2.6E-04	
4	8.11E-05	2.0E-05	1.6E-04	
5	5.72E-05	1.4E-05	1.1E-04	
6	4.39E-05	1.1E-05	8.8E-05	
7	3.48E-05	8.7E-06	7.0E-05	
8	2.86E-05	7.2E-06	5.7E-05	
9	2.38E-05	6.0E-06	4.8E-05	
10	2.05E-05	5.1E-06	4.1E-05	

Iodine - Child Thyroid

mile	Dose Rate		Dose(rem)		ETA hr
	rem/hr	2.5E-01hr	2hr		
.5*	3.84E-03	9.6E-04	7.7E-03		0.24
1	1.41E-03	3.5E-04	2.8E-03		0.49
2	4.95E-04	1.2E-04	9.9E-04		0.98
3	2.73E-04	6.8E-05	5.5E-04		1.46
4	1.72E-04	4.3E-05	3.4E-04		1.95
5	1.21E-04	3.0E-05	2.4E-04		2.44
6	9.29E-05	2.3E-05	1.9E-04		2.93
7	7.37E-05	1.8E-05	1.5E-04		3.41
8	6.06E-05	1.5E-05	1.2E-04		3.90
9	5.05E-05	1.3E-05	1.0E-04		4.39
10	4.34E-05	1.1E-05	8.7E-05		4.88

Integrated Dose* (rem)	WB L	B	4.53E-04	4.53E-04	4.53E-04	C	4.53E-04	N	5.84E-05	
	TH		9.59E-04	9.59E-04	9.59E-04		9.59E-04		1.24E-04	
	WB A	D	5.84E-05	5.84E-05	O	5.84E-05	R	5.84E-05	E	0.00E-01
	TH		1.24E-04	1.24E-04		1.24E-04		1.24E-04		0.00E-01
	WB F	F	0.00E-01	1.43E-05	H	1.43E-05	I	1.43E-05	J	1.43E-05
	TH		0.00E-01	3.03E-05		3.03E-05		3.03E-05		3.03E-05
	WB K	P	1.43E-05	1.43E-05	Q	0.00E-01	S	0.00E-01		
	TH		3.03E-05	3.03E-05		0.00E-01		0.00E-01		

* This dose is after the release and adjusted for any wind shifts

- Dose projections based on data below

Containment

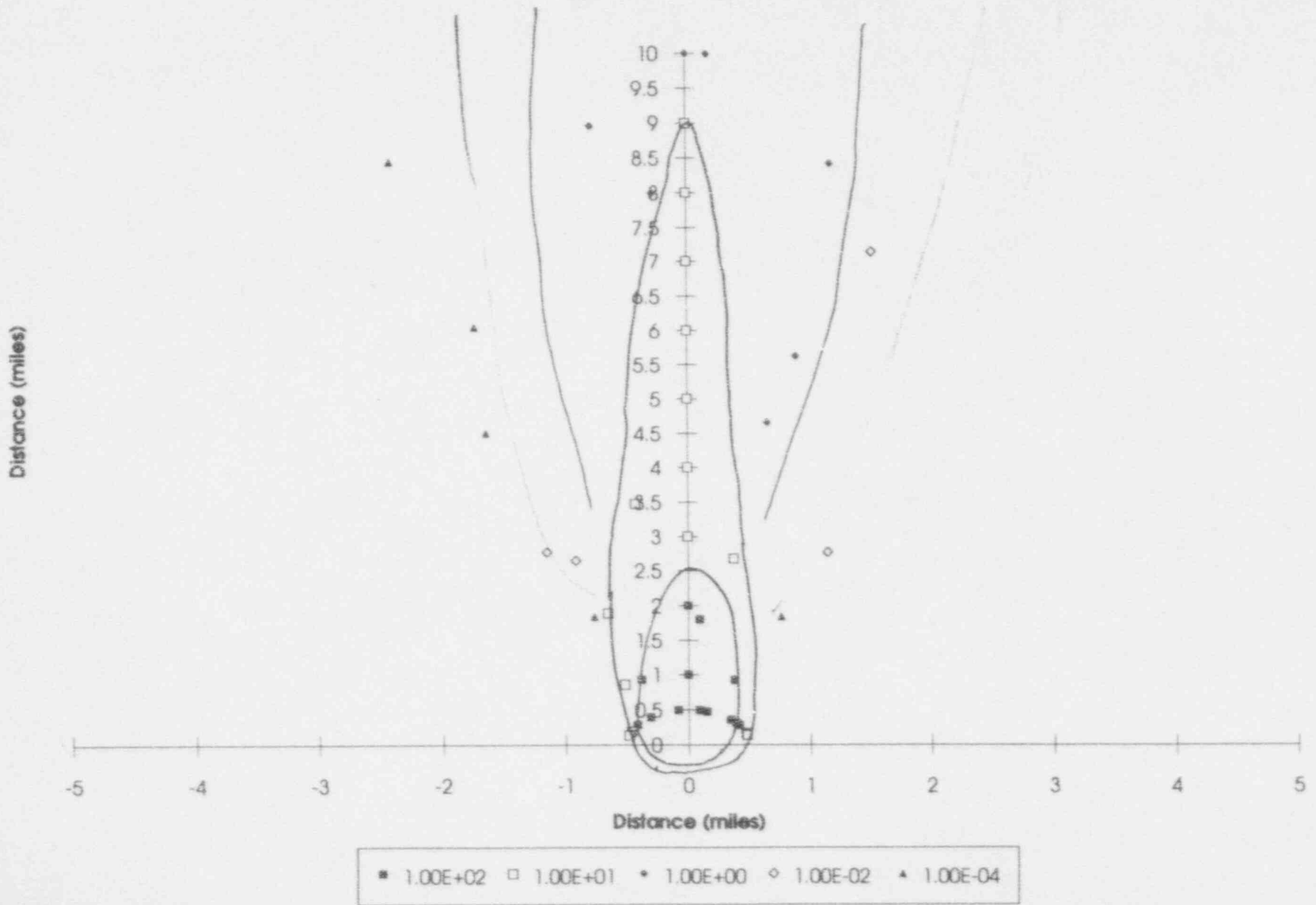
39 H 1.55E+04 cpm
I-131/Xe-133 Ratio 3.14E-03
psig 1.80E-01
Leak Rate 3.16E+03 ml/hr
Leak rate based on Realistic Leak Rate
Percent bypass leakage 7
Correction Factor 5.56E-14

Unit Vent

EMF 36 L 5.06E+05 cpm
I-131/Xe-133 Ratio 3.14E-05
Flow Rate 5.30E+04 cfm
Correction Factor 1.08E-11

This is a hypothetical projection. Projection is not stored.

Iodine Deposition ($\mu\text{Ci}/\text{m}^2$)



EMERGENCY NOTIFICATION

315

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

3. SUBMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 15.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/LATE: 900 10/20/93 B- _____ \$POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

12. RELEASE MAGNITUDE: CURIES PER SEC. * NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 2.91E-01 B- IODINES 9.16E-06
C- IODINE/NOBLE GAS RATIO(If available) _____ D- OTHER _____

13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.25 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
Site Boundary	1.81E+00	3.84E+00	4.53E-01	9.59E-01
2 miles	2.34E-01	4.95E-01	5.84E-02	1.24E-01
5 miles	5.72E-02	1.21E-01	1.43E-02	3.03E-02
10 miles	2.05E-02	4.34E-02	5.13E-03	1.09E-02

14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 181.0 degrees B- WIND SPEED(mph) 2.0
C- STABILITY CLASS D D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.

**Information may not be available on initial notifications.

EMERGENCY NOTIFICATION

0715

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

ANSMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93 B- _____ %POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 2.91E-01 B- IODINES 9.16E-06
C- IODINE/NOBLE GAS RATIO(If available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.25 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
	mrem/hr	mrem/hr	mrem	mrem
Site Boundary	1.81E+00	3.84E+00	4.53E-01	9.59E-01
2 miles	2.34E-01	4.95E-01	5.84E-02	1.24E-01
5 miles	5.72E-02	1.21E-01	1.43E-02	3.03E-02
10 miles	2.05E-02	4.34E-02	5.13E-03	1.09E-02

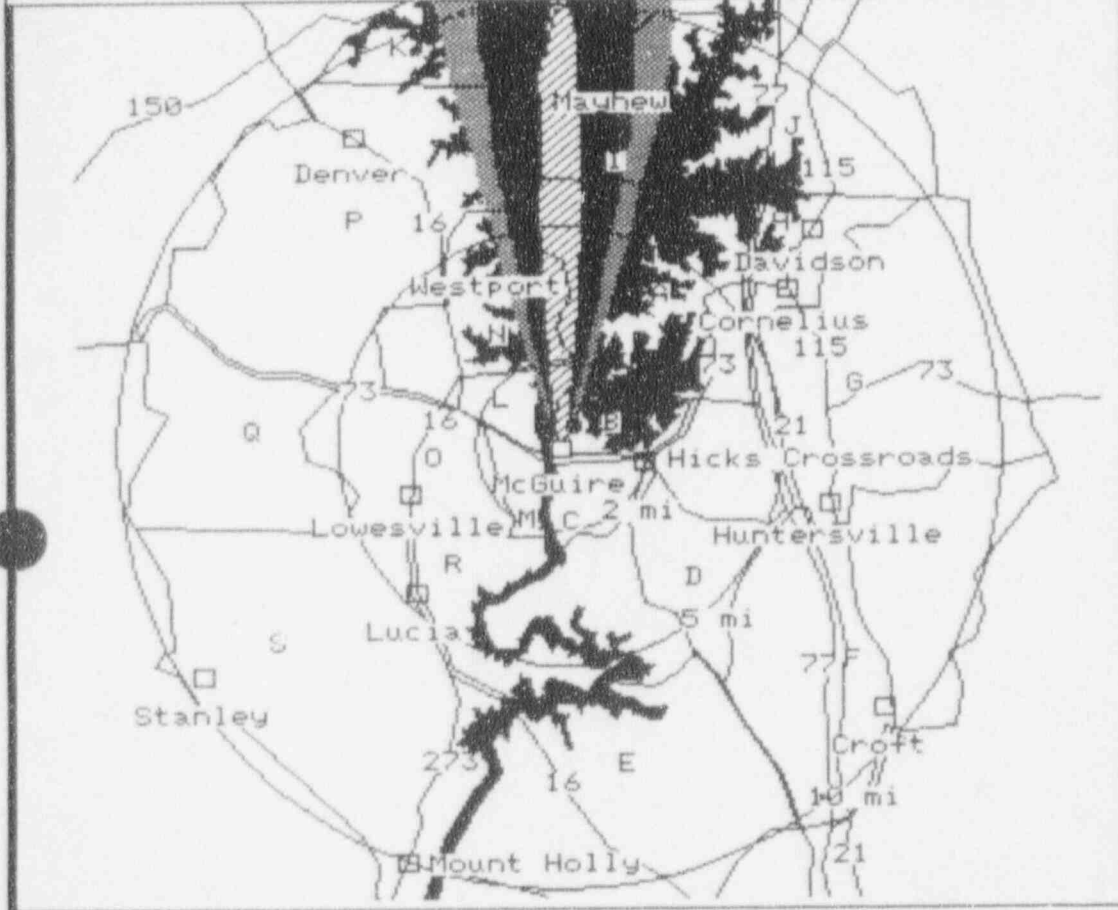
**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 181.0 degrees B- WIND SPEED(mph) 2.0
C- STABILITY CLASS D D D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

PROJ. DATE = 10/20/93 PROJ. TIME = 09:15:00
 CHI/Q* DIFFUSION FACTORS



CURRENT EFFLUENT

RATE = 2.9E+05 uCi/s

CURRENT MET

SPEED = 3.0 MPH
 DIR = 180 DEG
 STABILITY = D

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	0	1.27E-04
CL2	0	1.63E-05
CL5	0	4.00E-06
CL10	0	1.43E-06

LEGEND

	0.0-1.0E-12
	1.0E-12-1.0E-9
	1.0E-9-1.0E-6
	1.0E-6+ s/m3

MODE = A DECAY = OFF DEPOSITION = OFF ETA = 3.3 HRS
 RELEASE HT. = 9.8 ft. RELEASE PT. = Unit Vent

EMERGENCY NOTIFICATION

0915

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

3. SUBMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93 B- _____ %POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: BELOW
A- NOBLE GASES 2.72E-06 B- IODINES 8.55E-09
C- IODINE/NOBLE GAS RATIO(If available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.50 HRS.

Distance	NEW		UNCHANGED	
	Wholebody DOSE RATE	Child Thyroid DOSE RATE	Wholebody DOSE	Child Thyroid DOSE
Site Boundary	1.69E-05	3.58E-03	4.53E-01	9.60E-01
2 miles	2.18E-06	4.62E-04	5.84E-02	1.24E-01
5 miles	5.35E-07	1.13E-04	1.43E-02	3.03E-02
10 miles	1.92E-07	4.06E-05	5.13E-03	1.09E-02

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 161.0 degrees B- WIND SPEED(mph) 2.0
C- STABILITY CLASS D D D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.

**Information may not be available on initial notifications.

PROJ. DATE = 10/28/93

PROJ. TIME = 09:15:00

CHI/Q* DIFFUSION FACTORS

CURRENT EFFLUENT

RATE = 3. uCi/s

CURRENT MET

SPEED = 2.0 MPH

DIR = 181 DEG

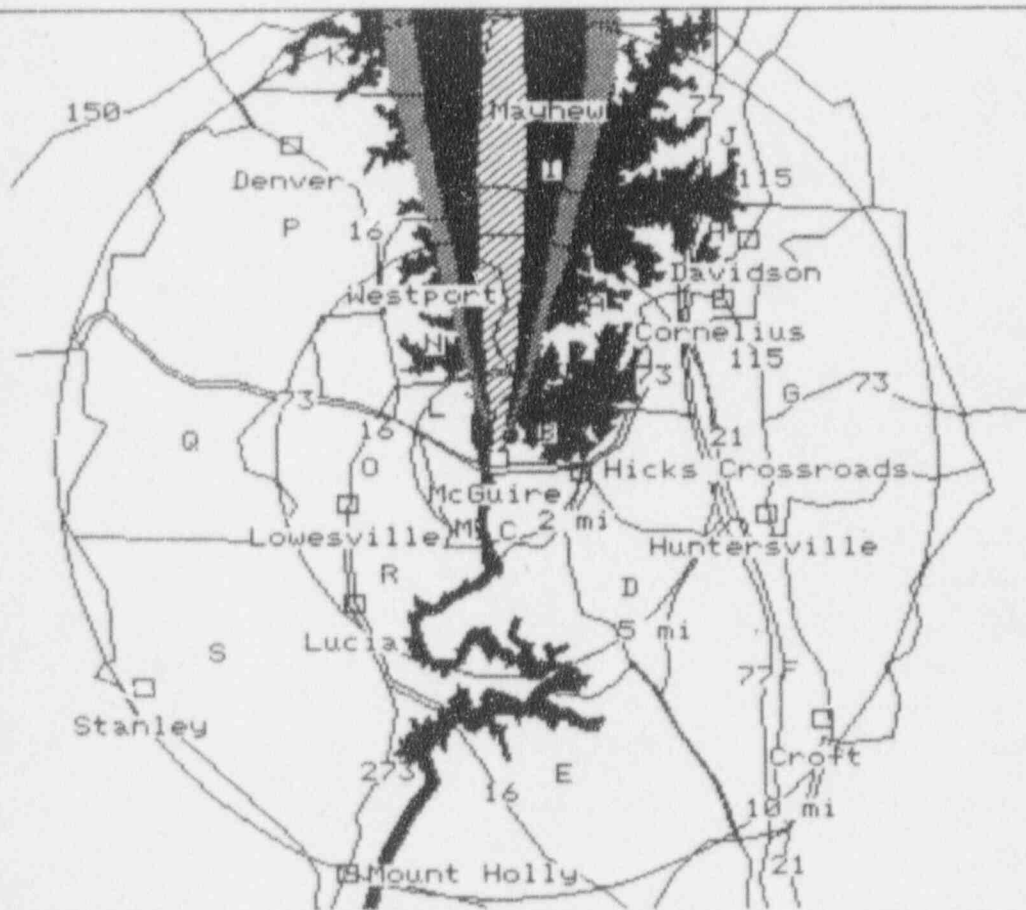
STABILITY = D

CENTERLINE VALUES

LOCAT	DEG	sec/m3
SB	1	1.85E-04
CL2	1	2.39E-05
CL5	1	5.85E-06
CL10	1	2.10E-06

LEGEND

	0.0-1.0E-12
	1.0E-12-1.0E-9
	1.0E-9-1.0E-6
	1.0E-6+ s/m3



MODE = A DECAy = OFF DEPOSITION = OFF ETA = 5.0 HRS
 RELEASE HT. = 6.6 ft. RELEASE PT. = Containment

EMERGENCY NOTIFICATION

0930

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

TRANSMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____ (Number) _____ (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93* B- _____ & POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ *topped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ S _____ / _____ / _____
Time(Eastern) Date n) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 1.25E-01 B- IODINES 4.08E-05
C- IODINE/NOBLE GAS RATIO(If available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.50 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
Site Boundary	5.21E-01	1.14E+00	5.83E-01	1.25E+00
3 miles	6.71E-02	1.47E-01	7.52E-02	1.61E-01
5 miles	1.64E-02	3.61E-02	1.84E-02	3.93E-02
10 miles	5.89E-03	1.29E-02	6.60E-03	1.41E-02

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 179.0 degrees B- WIND SPEED(mph) 3.1
C- STABILITY CLASS D D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

EMERGENCY NOTIFICATION

1:00

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

TRANSMITTAL TIME/L.A.T.E: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93 B- _____ %POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
A- AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 8.68E+00 B- IODINES 8.38E-02
C- IODINE/NOBLE GAS RATIO(if available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.50 HRS.
Wholebody Child Thyroid Wholebody Child Thyroid
DOSE RATE DOSE RATE DOSE DOSE
Distance mrem/hr mrem/hr mrem mrem
Site Boundary 1.20E+01 7.79E+03 3.45E+00 1.95E+03
2 miles 1.04E+00 6.75E+02 3.18E-01 1.69E+02
5 miles 2.16E-01 1.40E+02 6.82E-02 3.51E+01
10 miles 6.23E-02 4.05E+01 2.07E-02 1.01E+01

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 177.0 degrees B- WIND SPEED(mph) 3.5
C- STABILITY CLASS C D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.

**Information may not be available on initial notifications.

EMERGENCY NOTIFICATION

11:15

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SIKK McGuire UNIT: 1 REPORTED BY: _____

ANSMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 9C0 10/20/93 B- _____ & POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIEL PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 3.93E+00 B- IODINES 4.24E-02
C- IODINE/NOBLE GAS RATIO(If available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.50 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
Site Boundary	3.50E+01	2.54E+04	9.19E+00	6.34E+03
2 miles	6.36E+00	4.61E+03	1.65E+00	1.15E+03
5 miles	2.00E+00	1.45E+03	5.15E-01	3.63E+02
10 miles	9.53E-01	6.92E+02	2.43E-01	1.73E+02

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 181.0 degrees B- WIND SPEED(mph) 4.2
C- STABILITY CLASS F D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

EMERGENCY NOTIFICATION

11:30

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

TRANSMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93 B- _____ POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 2.92E+01 B- IODINES 3.37E-01
C- IODINE/NOBLE GAS RATIO(if available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.50 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
Site Boundary	2.74E+00	2.13E+03	1.14E+00	5.33E+02
2 miles	1.16E-01	8.97E+01	8.73E-02	2.29E+01
5 miles	4.90E-02	3.80E+01	2.66E-02	9.53E+00
10 miles	2.94E-02	2.28E+01	1.25E-02	5.71E+00

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 180.0 degrees B- WIND SPEED(mph) 5.0
C- STABILITY CLASS A D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.
**Information may not be available on initial notifications.

EMERGENCY NOTIFICATION

12:00

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

TRANSMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93 B- _____ %POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 3.09E+01 B- IODINES 4.03E-01
C- IODINE/NOBLE GAS RATIO(If available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.50 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
Site Boundary	3.11E+00	2.72E+03	1.23E+00	6.82E+02
2 miles	1.31E-01	1.15E+02	9.12E-02	2.68E+01
5 miles	5.55E-02	4.86E+01	2.82E-02	1.22E+01
10 miles	3.33E-02	2.92E+01	1.35E-02	7.31E+00

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 178.0 degrees B- WIND SPEED(mph) 4.7
C- STABILITY CLASS A D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

* If items 8-14 have not changed, only items 1-7 and 15-16 are required to be completed.

**Information may not be available on initial notifications.

EMERGENCY NOTIFICATION

12:15

1. THIS IS A(N) DRILL _____ INITIAL _____ FOLLOW-UP* _____ MESSAGE NUMBER _____

2. SITE: McGuire UNIT: 1 REPORTED BY: _____

ANSMITTAL TIME/DATE: _____ / _____ / _____ CONFIRMATION PHONE NUMBER: _____
(Eastern) mm dd yy

4. AUTHENTICATION: _____
(Number) (Codeword)

5. EMERGENCY CLASSIFICATION:
A- NOTIFICATION OF UNUSUAL EVENT B- ALERT C- SITE AREA EMERGENCY D- GENERAL EMERGENCY

6. A- Emergency Declaration At: B- Termination At: TIME/DATE: _____ / _____ / _____ (If B, go to item 16.)
(Eastern) mm dd yy

7. EMERGENCY DESCRIPTION/REMARKS: _____

8. PLANT CONDITION: A- IMPROVING B- STABLE C- DEGRADING

9. REACTOR STATUS: A- SHUTDOWN: TIME/DATE: 900 10/20/93 B- _____ *POWER
(Eastern) mm dd yy

10. EMERGENCY RELEASE(S):
A- NONE(Go to item 14.) B- POTENTIAL(Go to item 14.) C- IS OCCURRING D- HAS OCCURRED

**11. TYPE OF RELEASE: GROUND LEVEL
AIRBORNE Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date
B- LIQUID Started: _____ / _____ / _____ Stopped: _____ / _____ / _____
Time(Eastern) Date Time(Eastern) Date

**12. RELEASE MAGNITUDE: CURIES PER SEC. NORMAL OPERATING LIMITS: ABOVE
A- NOBLE GASES 3.17E+01 B- IODINES 4.36E-01
C- IODINE/NOBLE GAS RATIO(if available) _____ D- OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: _____ NEW _____ UNCHANGED ESTIMATED DURATION: 0.75 HRS.

Distance	Wholebody		Child Thyroid	
	DOSE RATE	DOSE RATE	DOSE	DOSE
site Boundary	2.84E+00	2.63E+03	1.94E+00	1.34E+03
2 miles	1.20E-01	1.11E+02	1.21E-01	5.65E+01
5 miles	5.08E-02	4.70E+01	4.09E-02	2.39E+01
10 miles	3.05E-02	2.82E+01	2.11E-02	1.44E+01

**14. METEOROLOGICAL DATA:
A- WIND DIRECTION(from) 180.0 degrees B- WIND SPEED(mph) 5.2
C- STABILITY CLASS A D- PRECIPITATION(type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
A- NO RECOMMENDED PROTECTIVE ACTIONS
B- EVACUATE _____
C- SHELTER IN-PLACE _____
D- OTHER _____

16. APPROVED BY: _____ TIME/DATE: _____ / _____ / _____
(Name) (Title) (Eastern) mm dd yy

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**Information may not be available on initial notifications.

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

AD	AUXILIARY DIESEL SYSTEM	AUXILIARY DIESEL
AS	AUXILIARY STEAM SYSTEM	AUXILIARY STEAM
BB	STEAM GENERATOR BLOWDOWN RECYCLE SYSTEM	BOILER BLOWDOWN
BW	STEAM GENERATOR WET LAYUP	BOILER WET LAY-UP
CA	AUXILIARY FEEDWATER SYSTEM	CONDENSATE AUXILIARY
CB	HEATING BOILER FEEDWATER SYSTEM	CONDENSATE BOILER
CP	POLISHING DEMINERALIZER SYSTEM	CONDENSATE POLISHING
CF	FEEDWATER SYSTEM	CONDENSATE FEEDWATER
CL	FDWP CONDENSATE SEAL SYSTEM	CONDENSATE LEAKOFF
CM	CONDENSATE SYSTEM	CONDENSATE MAIN
CS	CONDENSATE STORAGE SYSTEM	CONDENSATE STORAGE
CT	CONDENSATE SAMPLING SYSTEM	CONDENSATE TESTING

ELECTRICAL SYSTEMS

ESA	525KV SYSTEM
EAA	525KV SWITCHYARD PHYSICAL LAYOUT SYSTEM
EAB	525KV SWITCHYARD CABLE SUPPORT SYSTEM
EAC	525KV SWITCHYARD GROUNDING SYSTEM
EAD	525KV SWITCHYARD PROTECTIVE RELAYING SYSTEM
EAE	525KV SWITCHYARD CONTROL SYSTEM
EAF	525KV SWITCHYARD METERING AND MONITORING SYSTEM
EAG	525KV SWITCHYARD FIRE DETECTION/PROTECTION SYSTEM
EAH	525KV SWITCHYARD 125V DC SYSTEM
EAI	525KV SWITCHYARD 480, 208/120VAC SYS.
EAL	525KV SWITCHYARD LIGHTING SYSTEM

SWITCHYARD AC SYSTEM

ESC	SWITCHYARD 480 VAC SYSTEM
ESD	SWITCHYARD 208/120VAC SYSTEM
ESO	525/230KV COMMON PHYSICAL LAYOUT SYSTEM
EBI	230KV SWITCHYARD 480, 208/120VAC SYSTEM

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

SWITCHYARD DC SYSTEM

ESE SWITCHYARD 125VDC SYSTEM
EBH 230KV SWITCHYARD 125VDC SYSTEM

SWITCHYARD CABLE SUPPORT SYSTEM

EBB 230KV SWITCHYARD CABLE SUPPORT SYSTEM
ESB 525/230KV COMMON CABLE SUPPORT SYSTEM
ESF SWITCHYARD RELAY HOUSE CABLE SUPPORT SYSTEM (more commonly, ENGINEERED SAFETY FEATURES)
ESG SWITCHYARD TRENCH SYSTEM
ESH SWITCHYARD CONTROL SYSTEM
EBA 230KV SWITCHYARD PHYSICAL LAYOUT SYSTEM
EBD 230KV SWITCHYARD PROTECTIVE RELAYING SYSTEM
EBE 230KV SWITCHYARD CONTROL SYSTEM

SWITCHYARD FIRE DETECTION/PROTECTION SYSTEM

EBG 230KV SWITCHYARD FIRE DETECTION/PROTECTION SYSTEM
ESI SWITCHYARD RELAY HOUSE FIRE DETECTION SYSTEM

SWITCHYARD GROUNDING SYSTEM

EBC 230KV SWITCHYARD GROUNDING SYSTEM
ESL SWITCHYARD RELAY HOUSE GROUNDING SYSTEM

SWITCHYARD LIGHTING SYSTEM

EBL 230KV SWITCHYARD LIGHTING SYSTEM
EBF 230KV SWITCHYARD METERING & MONITORING SYSTEM
ESR SWITCHYARD MICROWAVE SYSTEM

SWITCHYARD MONITORING SYSTEM

EST SWITCHYARD SUPERVISORY SYSTEM
ESV SWITCHYARD EVENT RECORDER SYSTEM

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

ESY SWITCHYARD SECURITY SYSTEM
ERE UNIT MAIN POWER SYSTEM CONTROL SYSTEM
EEU UNIT GENERATOR VOLTAGE SYSTEM

AUXILIARY POWER SYSTEM

EPA UNIT MAIN POWER SYSTEM (24KV)
EPB 6.9KV NORMAL AUXILIARY POWER SYSTEM
EPC 4.16KV ESSENTIAL AUXILIARY POWER SYSTEM
EPD 600VAC NORMAL AUXILIARY POWER SYSTEM
EPE 600VAC ESSENTIAL AUXILIARY POWER SYSTEM
EPF 240/120 VAC AUXILIARY CONTROL POWER SYSTEM
EPG 240/120 VAC VITAL INSTRUMENTATION & CONTROL POWER SYSTEM
EPH 208/120 VAC NORMAL AUXILIARY POWER SYSTEM
EPI 208/120 VAC ESSENTIAL AUXILIARY POWER SYSTEM
EPJ 250VDC AUXILIARY POWER SYSTEM
EPK 125VDC AUXILIARY CONTROL POWER SYSTEM
EPL 125VDC VITAL INSTRUMENT & CONTROL POWER SYSTEM
EPM 13.8KV NORMAL AUXILIARY POWER SYSTEM
EPR 240/120VAC NORMAL AUX POWER SYSTEM
EPQ 125VDC CLASS 1E (ESSENTIAL) DIESEL AUX. POWER SYSTEM
EPT 24VDC AUXILIARY POWER SYSTEM
ETE 208/120VAC BLACKOUT AUXILIARY POWER SYSTEM
ETK 6.9KV BLACKOUT AUXILIARY POWER SYSTEM
ETL 600/208/120VAC STANDBY SHUTDOWN FACILITY AUXILIARY POWER SYSTEM
ETM 250VDC/125VDC STANDBY SHUTDOWN FACILITY AUXILIARY POWER SYSTEM

LIGHTING SYSTEM

EHM HYDROGEN MITIGATION SYSTEM
ELN NORMAL LIGHTING SYSTEM
ELA EMERGENCY LIGHTING SYSTEM (AC)
ELD EMERGENCY LIGHTING SYSTEM (DC)

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

EHT TRACE HEATING SYSTEM

PLANT GROUNDING SYSTEM

EVA STATION GROUNDING SYSTEM
EVB INSTRUMENT GROUNDING SYSTEM
EVC COMPUTER GROUNDING SYSTEM

COMMUNICATION SYSTEM

ECB NORMAL COMMUNICATION SYSTEM (BELL)
ECI INTERPLANT TELEPHONE SYSTEM
ECP PUBLIC ADDRESS SYSTEM
ECM MICROWAVE SYSTEM (INTERFACED WITH INTERPLANT TELEPHONE SYSTEM)
ECD MICROWAVE (DISPATCH) SYSTEM
ECF INTERCOMMUNICATION SYSTEM (ADMINISTRATION BUILDING)
ECG FUEL HANDLING INTERCOM. SYS. (SOUND POWERED TELEPHONE)
ECH TEST DEPARTMENT INTERCOM. SYS. (SOUND POWERED TELEPHONE)
ECE COMMUNICATION SYSTEM (EMERGENCY)
ECS ELECTRICAL - SUPPORT COMPUTERS
ERA TRANSFORMER STATION PHYSICAL LAYOUT SYSTEM
ERB TRANSFORMER STATION CABLE SUPPORT SYSTEM
ERC TRANSFORMER STATION GROUNDING SYSTEM
ERF UNIT MAIN POWER SYSTEM METERING AND MONITORING SYSTEM

PLANT MONITORING SYSTEM

EMA ANNUNCIATOR ALARM SYSTEM (STATION/AREA)
EMB ANNUNCIATOR ALARM SYSTEM (UNIT)
EMC EVENT RECORDER SYSTEM (PLANT)
EMD LOOSE PARTS MONITORING SYSTEM (UNIT)
EML POWER MONITORING SYSTEM (REACTOR COOLANT PUMPS)
EMF RADIATION MONITORING SYSTEM (UNIT)
EMG RECORDER SYSTEM

McGUIRE SYSTEM ABBREVIATIONS

<u>SYSTEM</u>	<u>NAME</u>
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EMH	VIBRATION MONITORING SYS. (REACTOR COOLANT PUMPS)
EMI	VIBRATION MONITORING SYS. (OTHER THAN R.C.P.'s)
EMJ	CLOSED CIRCUIT TELEVISION MONITORING SYSTEM
EMK	EVACUATION ALARM SYSTEM
EMT	CLASS 1E TEMPERATURE MONITORING-SYSTEM EQUIPMENT AREA
EWM	WATER HAMMER MONITORING SYSTEM (WEST.)

PROTECTIVE RELAYING SYSTEM

ERD	UNIT MAIN POWER SYSTEM PROTECTIVE RELAYING SYSTEM
ERN	CLASS 1E DIESEL PROTECTIVE RELAYING AND METERING SYSTEM

PLANT CABLE SUPPORT SYSTEM

EWA	CABLE SUPPORT SYSTEM
EWB	EQUIPMENT ROOM CABLE SUPPORT SYSTEM
EWG	GENERAL PLANT CABLE SUPPORT SYSTEM
EOA	MAIN CONTROL ROOM BOARD SYSTEM
EOB	HVAC CONTROL PANEL
EOC	SAFE SHUTDOWN CONTROL PANEL SYSTEM
EZA	ELECTRICAL PENETRATIONS
EDA	CONTROL ROD DRIVE POSITION INDICATION SYSTEM

COORDINATED PROCESS CONTROL SYSTEM

EIA	NSS PROCESS INSTRUMENTATION & CONTROL SYSTEM - NUCLEAR
EIB	BALANCE OF PLANT PROCESS INSTRUMENTATION AND CONTROL SYSTEM
EQA	DIESEL GENERATOR
EQB	DIESEL LOAD SEQUENCING SYSTEM
EQC	DIESEL CONTROL SYSTEM
EQD	SAFE SHUTDOWN DIESEL CONTROL SYSTEM
EKA	DISPATCH CONTROL SYSTEM
EEA	ENVIRONMENTAL INSTRUMENTATION SYSTEM
EFA	FIRE DETECTION SYSTEM

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

EGA GENERATOR COOLING SYSTEM
EGB GENERATOR EXCITATION SYSTEM
EGC GENERATOR INSTRUMENT INSTRUMENTATION & CONTROL SYSTEM
EEB METEOROLOGICAL INSTRUMENTATION SYSTEM
EET VITAL EQUIPMENT AREA TEMPERATURE MONITORING SYSTEM

NUCLEAR INSTRUMENTATION SYSTEM

ENA IN-CORE INSTRUMENTATION SYSTEM
ENB OUT-OF-CORE INSTRUMENTATION SYSTEM
ENC WIDE RANGE NEUTRON FLUX SYSTEM
EXA PLANT SECURITY SYSTEM
EXH ELECTRICALLY OPERATED CRANES & HOISTS
EXS MISCELLANEOUS ELECTRICAL
EYA TEST SYSTEMS - ELECTRICAL
EUC CATHODIC PROTECTION SYSTEM

FUEL HANDLING SYSTEM

FB	HEATING BOILER FUEL GAS SYSTEM (OIL LIGHTING)	FUEL BOILER
FC	NUCLEAR FUEL HANDLING SYSTEM	FUEL CARRYING
FD	DIESEL GENERATOR ENGINE FUEL OIL SYSTEM	FUEL DIESEL
FG	UNLEADED GAS FOR VEHICLES	FUEL UNLEADED GAS
FS	AUXILIARY FUEL OIL SYSTEM	FUEL SECONDARY
FW	REFUELING WATER SYSTEM	FUELING WATER

COMPRESSED GAS SYSTEM

GB	HYDROGEN BLANKET SYSTEM	GAS BLANKET
GH	GENERATOR HYDROGEN SYSTEM	GAS HYDROGEN
GL	LABORATORY LP GAS SYSTEM	GAS LABORATORY
GN	NITROGEN SYSTEM	GAS NITROGEN
GO	OXYGEN SYSTEM	GAS OXYGEN
GP	CO2 GENERATOR PURGE SYSTEM	GAS PURGE

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

GS HYDROGEN BULK STORAGE SYSTEM GAS STORAGE

HEATER SYSTEM

HA	BLEED STEAM TO "A" HEATERS	HEATER "A"
HB	BLEED STEAM TO "B" HEATERS	HEATER "B"
HC	BLEED STEAM TO "C" HEATERS	HEATER "C"
HD	BLEED STEAM TO "D" HEATERS	HEATER "D"
HE	BLEED STEAM TO "E" HEATERS	HEATER "E"
HF	BLEED STEAM TO "F" HEATERS	HEATER "F"
HG	BLEED STEAM TO "G" HEATERS	HEATER "G"
HM	MOISTURE SEPARATOR-REHEATER BLEED SYSTEM	HEATER MOISTURE-SEPARATOR
HR	HEATER RELIEF VALVE SYSTEM	HEATER RELIEF
HS	MOISTURE SEPARATOR-REHEATER DRAIN SYSTEM	HEATER MOISTURE-SEPARATOR
HV	HEATER VENT SYSTEM	HEATER VENT
HW	HEATER DRAIN SYSTEM	HEATER DRAIN WATER

INSTRUMENTATION & CONTROL ELECTRO-MECHANICAL SYSTEMS

IAE	CONTAINMENT PERSONNEL AIR LOCK SYSTEM	INSTRUMENTATION AIR LOCK
ICE	CONTAINMENT LEAK TESTING SYSTEM	INSTRUMENTATION CONTAINMENT
IDE	STEAM DUMP CONTROL SYSTEM	INSTRUMENTATION DUMP
IEE	SEISMIC (EARTHQUAKE) MONITORING SYSTEM	INSTRUMENTATION EARTHQUAKE
IFE	FEEDWATER CONTROL SYSTEM	INSTRUMENTATION FEEDWATER
IKE	OPERATOR AID COMPUTER SYSTEM	INSTRUMENTATION COMPUTER
ILE	PRESSURIZER PRESSURE & LEVEL CONTROL SYSTEM	INSTRUMENTATION LEVEL
INE	AUXILIARY SHUTDOWN SYSTEM	
IPE	REACTOR PROTECTION SYSTEM	INSTRUMENTATION PROTECTION
IRE	ROD CONTROL SYSTEM	INSTRUMENTATION ROD
ISE	ENGINEERED SAFETY FEATURES ACTUATION SYSTEM	INSTRUMENTATION SAFETY
ITE	MAIN TURBINE INSTRUMENTATION AND CONTROL SYSTEM & SUPERVISORY SYSTEM	INSTRUMENTATION TURBINE
IWE	FEEDWATER PUMP TURBINE SUPERVISORY SYSTEM	INSTRUMENTATION FEEDWATER

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

COOLING RECIRCULATED

KC	COMPONENT COOLING SYSTEM	COOLING COMPONENT
KD	DIESEL GENERATOR ENGINE COOLING WATER SYSTEM	COOLING DIESEL
KF	SPENT FUEL COOLING SYSTEM	COOLING FUEL
KG	GENERATOR STATOR COOLING WATER SYSTEM	COOLING GENERATOR
KR	RECIRCULATED COOLING WATER SYSTEM	COOLING RECIRCULATED

HYDRAULIC & LUBRICATING OIL SYSTEMS

LC	CIRCUIT BREAKER TRANSFER OIL SYSTEM	LUBE CIRCUIT BREAKER
LD	DIESEL GENERATOR ENGINE LUBE OIL SYSTEM (CLASS 1E)	LUBE DRAFT FAN (DIESEL)
LE	TRANSFORMER TRANSFER OIL SYSTEM	LUBE ELECTRICAL
LF	FWP TURBINE LUBE OIL SYSTEM	LUBE FEED PUMP
LG	GENERATOR SEAL OIL SYSTEM (IRON HORSE)	LUBE GENERATOR
LH	MAIN TURBINE HYDRAULIC OIL SYSTEM	LUBE HYDRAULIC
LP	FWP TURBINE HYDRAULIC OIL SYSTEM	LUBE PUMP
LT	MAIN TURBINE LUBE OIL AND PURIFICATION SYSTEM	LUBE TURBINE

MISCELLANEOUS SYSTEMS

MD	MISCELLANEOUS DRAINS & VENTS	MISCELLANEOUS DRAINS
ME	MISCELLANEOUS EMBEDDED PIPING	MISCELLANEOUS EMBEDDED
MF	MISCELLANEOUS FIELD ROUTED PIPING	MISCELLANEOUS FIELD
MH	MECHANICALLY OPERATED HOISTS	MECHANICAL HOISTS
MI	MISCELLANEOUS STATION INSTRUMENTATION	MISCELLANEOUS INST.
MR	MISCELLANEOUS SAFETY & RELIEF VALVE DISCHARGE	MISCELLANEOUS RELIEF
MT	MISCELLANEOUS TRANSFERS	MISCELLANEOUS TRANSFERS
MV	MISCELLANEOUS VALVES	MISCELLANEOUS VALVES

REACTOR SUPPORT & NUCLEAR ASSOCIATED SYSTEMS

NB	BORON RECYCLE SYSTEM	NUCLEAR BORON RECYCLE
NC	REACTOR COOLANT SYSTEM	NUCLEAR COOLANT

McGUIRE SYSTEM ABBREVIATIONS

<u>SYSTEM</u>	<u>NAME</u>	
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ND	RESIDUAL HEAT REMOVAL	NUCLEAR DECAY HEAT REMOVAL
NF	ICE CONDENSER REFRIGERATION SYSTEM	NUCLEAR ICE CONDENSER
NI	SAFETY INJECTION SYSTEM	NUCLEAR INJECTION
NM	NUCLEAR SAMPLING SYSTEM	NUCLEAR MONITORING
NR	BORON THERMAL REGENERATION	NUCLEAR REGENERATION
NS	CONTAINMENT SPRAY SYSTEM	NUCLEAR SPRAY
NV	CHEMICAL & VOLUME CONTROL SYSTEM	NUCLEAR VOLUME CONTROL

RAW WATER SYSTEMS

RA	CONDENSER CLEANING SYSTEM	RAW WATER AMERTAP
RC	CONDENSER CIRCULATING WATER SYSTEMS (INCLUDES LOW LEVEL INTAKE COOLING WATER)	RAW WATER CONDENSER
RF	FIRE PROTECTION SYSTEM	RAW WATER FIRE
RL	CONVENTIONAL LOW PRESSURE SERVICE WATER SYS.	RAW WATER LOW PRESSURE
RN	NUCLEAR SERVICE WATER SYSTEM	RAW WATER NUCLEAR
RQ	ENVIRONMENTAL WATER QUALITY MONITORING SYS.	RAW WATER QUALITY
RS	CCW INTAKE SCREEN BACKWASH SYSTEM	RAW WATER SCREEN
RV	CONTAINMENT VENTILATION COOLING WATER SYSTEM	RAW WATER VENTILATION
RY	EXTERIOR FIRE PROTECTION SYSTEM	RAW WATER YARD

STEAM LEAD SYSTEM

SM	MAIN STEAM	STEAM MAIN
SP	MAIN STEAM SUPPLY TO FDWP TURBINE	STEAM PUMP TURBINE
SV	MAIN STEAM VENT TO ATMOSPHERE	STEAM VENT
SW	SEAL WATER SYSTEM	SEAL WATER

TURBINE CYCLE SERVICES SYSTEM

TE	TURBINE EXHAUST	TURBINE EXHAUST
TF	FDWP TURBINE STEAM SEAL SYSTEM	TURBINE FEED PUMP
TL	MAIN TURBINE LEAKOFF & STEAM SEAL SYSTEM	TURBINE LEAKOFFS

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

VENTILATION & COMPRESSED AIR SYSTEMS

VA	AUX BLDG VENTILATION SYSTEM	VENTILATION AUX BLDG
VB	BREATHING AIR SYSTEM	VENTILATION BREATHING AIR
VC	CONTROL AREA HVAC SYSTEM	VENTILATION CONTROL AREA
VD	DIESEL BUILDING VENTILATION SYSTEM	VENTILATION DIESEL
VE	ANNULUS VENTILATION SYSTEM	VENTILATION EVACUATION
VF	FUEL POOL VENTILATION SYSTEM	VENTILATION FUEL POOL
VG	DIESEL GENERATOR ENGINE STARTING AIR SYSTEM	VENTILATION DIESEL GENERATOR
VH	TECHNICAL SUPPORT CENTER VENTILATION SYSTEM	VENTILATION HOT MACHINE SHOP
VI	INSTRUMENT AIR SYSTEM	VENTILATION INSTRUMENT AIR
VS	STATION AIR SYSTEM	VENTILATION STATION AIR

WASTE REMOVAL SYSTEM

WC	CONVENTIONAL WASTE WATER TREATMENT	WASTE WATER TREATMENT
WD	ROOF DRAINS	WASTE ROOF DRAINS
WE	EQUIPMENT DECONTAMINATION SYSTEM	WASTE EQUIPMENT
WF	FLOOR DRAIN AND EQUIPMENT DRAINS SYSTEM	WASTE FLOOR DRAINS
WG	GASEOUS WASTE MANAGEMENT SYSTEM	WASTE GAS
WL	LIQUID WASTE RECYCLE SYSTEM	WASTE LIQUID
WM	LIQUID WASTE MONITOR & DISPOSAL SYSTEM	WASTE MONITORING
WN	DIESEL GENERATOR ROOM SUMP PUMP SYSTEM	WASTE DIESEL GENERATOR
WO	WASTE OIL SYSTEM	WASTE OIL
WP	TURBINE ROOM SUMP PUMP SYSTEM	WASTE POWERHOUSE
WS	NUCLEAR SOLID WASTE DISPOSAL SYSTEM	WASTE SOLID
WT	SANITATION AND WASTE TREATMENT SYSTEM (PLUMBING)	WASTE TREATMENT
WU	UNWATERING SYSTEM	WASTE UNWATERING
WY	YARD DRAINS	WASTE YARD
WZ	GROUNDWATER DRAINAGE SYSTEM	WASTE Z

McGUIRE SYSTEM ABBREVIATIONS

SYSTEM NAME

TREATED WATER SYSTEMS

YA	CONVENTIONAL CHEMICAL ADDITION SYSTEM	Y ADDITION
YC	CHILLED WATER SYSTEM	Y CHILLED
YD	DRINKING WATER SYSTEM	Y DRINKING
YF	FILTERED WATER SYSTEM	Y FILTERED
YH	HEATING WATER SYSTEM	Y HEATING
YM	MAKEUP DEMINERALIZER WATER SYSTEM	Y MAKEUP

VACUUM SYSTEMS

ZD	DIESEL GENERATOR ENGINE CRANKCASE VACUUM SYS.	Z DIESEL
ZJ	CONDENSER STEAM AIR EJECTOR SYSTEM	Z EJECTOR
ZM	MAIN VACUUM SYSTEM	Z MAIN
ZP	VACUUM PRIMING SYSTEM	Z PRIMING

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McGUIRE NUCLEAR STATION
ANNUAL EXERCISE
MEDICAL DRILL
OCTOBER 20, 1993

The annual Emergency Medical Drill will be conducted on October 20, 1993 at approximately 6:45 A.M. as part of the Annual Exercise Scenario. The purpose of the drill is to evaluate the McGuire Nuclear Station's Medical Emergency Response Team (MERT), the local Emergency Medical Services (Mecklenburg County Emergency Medical Service (MEDIC and North Meck Rescue) and the Carolina's Medical Center. These organizations support McGuire during contaminated medical emergencies.

OBJECTIVES

The objectives of the drill are to:

- Evaluate the readiness of the station's MERT Team
- Assess the coordination between the MERT team, Radiation Protection and the Operations groups.
- Provide adequate pre-hospital emergency medical treatment and care of injured contaminated personnel.
- Test the effectiveness of Emergency Medical Services (EMS) in handling and transporting contaminated individuals.
- Evaluate the ability of the Carolina's Medical Center staff to prepare for and receive contaminated injuries.

OVERVIEW

The station groups that have involvement in the drill are Operations, Radiation Protection and Security. Operations has the responsibility for informing the Emergency Coordinator of the incident. Security personnel (MERT) will be responsible for initial victim assessment (including the need for off-site personnel) and primary treatment since this drill is mainly to determine the ability of off-site Emergency Medical System personnel to handle and transport contaminated injuries.

Radiation protection and contamination control measures will be handled by station Radiation Protection personnel. Radiation Protection personnel will accompany EMS personnel to the hospital for radiation control at that location. Security personnel shall follow security procedures for Emergency Medical Service personnel

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access to the McGuire Protected Area. All on scene drill related activities will stop and time will be on hold during the time it takes for Emergency Medical Service personnel to be processed for on site activities.

Victims will be stabilized on site and transported to Carolina's Medical Center for further care.

PREDICTED RESPONSE

- MERT Team Arrival Activities
 - Triage
 - Initial patient assessment
 - Medical treatment
- Notification Process
 - Radiation Protection Group
 - Operations Group
 - EMS
- Stabilize and package injured individuals
- Effective patient turnover to EMS personnel
- Transport to Carolina's Medical Center

SCENARIO

INITIAL CONDITION:

Two (2) employees were working on the Auxiliary Building 760' elevation, in the Waste Shipping Area, packaging waste.

The work area is in a RCZ, so both employees are wearing Anti-C's. The radiation level in the general area is 3mr/HR Beta-Gamma. The surface removable contamination level on the floor is 5300 dpm/cmsq.

Employee "A" is standing on the floor level operating a banding tool.

Employee "B" is standing on the third (3rd) rung of a ladder making sure the band is straight.

As Employee "A" tightens the band around the crate, the band breaks striking Employee "B". When struck by the broken band, Employee "B" trying to avoid the band causes the ladder to fall and causes the ladder to land on top of Employee "A".

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INJURIES

Employee "A": Complaining of pain and bruising of the left leg in the area of the shin.

Employee "B" Has a laceration to the inside of the right thigh and an open fracture of the left arm.

VITAL SIGNS

EMPLOYEE "A" (UPON ARRIVAL OF MERT)

PULSE -----	ACTUAL
RESPIRATIONS -----	ACTUAL
BLOOD PRESSURE -----	ACTUAL
PUPILS -----	ACTUAL
LEVEL OF CONSCIOUSNESS -----	ACTUAL
NEUROLOGICAL FUNCTION -----	PAIN UPON MOVEMENT OF LEG
DISTAL PULSE ON LEFT LEG -----	PRESENT

EMPLOYEE "B" (UPON ARRIVAL OF MERT)

PULSE -----	ACTUAL
RESPIRATIONS -----	ACTUAL
BLOOD PRESSURE -----	ACTUAL
PUPILS -----	ACTUAL
LEVEL OF CONSCIOUSNESS -----	ACTUAL
NEUROLOGICAL FUNCTION -----	PAIN UPON MOVEMENT OF ARM
DISTAL PULSE ON LEFT ARM -----	PRESENT

Employee "A": Patient condition and vital signs remain actual throughout the event.

Employee "B": Patient condition will remain stable as time passes. The controller/evaluator will be allowed to interject vital signs if necessary to indicate a worsening condition. The vital signs will be given only when actually monitored by medical responders.

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CONTAMINATION LEVEL

Employee "A":

Left Arm at Elbow ----- 500 ccpm

Clothing ----- 900 ccpm

When clothing is removed and the arm is decontaminated the patient will be transported as a non-contaminated patient.

Employee "B":

Left arm at fracture ----- 600 ccpm

After 1st decon ----- 450 ccpm

After 2nd decon ----- Background

Clothing ----- 850 ccpm

NOTE

- The only personnel allowed to question or speak to emergency responders are the drill controllers and evaluators. This will assist in reducing the confusion of the drill participants at the accident scene.
- Vital signs may be changed by controllers to reflect changes in the victims condition.
- The Safety and Health Services Section shall provide the drill controllers at the station. A Nuclear Generation Department Emergency Planning Consultant will serve as the controller/evaluator at Carolina's Medical Center.

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McGuire Nuclear Station
Annual Exercise
Fire Drill
October 20, 1993

The annual Fire Drill will be conducted on October 20, 1993 during and as part of the Annual Exercise. The purpose of the drill is to evaluate the McGuire Nuclear Station Fire Brigade, Gilead and Cornelius Fire Departments. These organizations support McGuire during a fire emergency.

OBJECTIVES

The overall objective of the drill is to evaluate the capability of the offsite fire agencies (Gilead and Cornelius Fire Departments) utilizing a simulated fire emergency at the McGuire Site.

Specific objectives are:

- Test the resources for all organizations available for a fire emergency response at the site.
- Reflect response times of these resources.
- Evaluate the interface between site representatives and responding offsite fire agencies and the ability to work together.
- Point out any future training needs.

INITIAL CONDITIONS

The location of the drill will be the McGuire Central Waste Storage Facility, located inside the Protected Area Fence east of the Unit Two (2) Turbine Building.

The fire will be simulated burning of hazardous materials and hazardous waste. The smoke will be created by a non-toxic chemical smoke generator.

A fire involving this type material will require a response from the offsite fire agencies because of the type and quantity of materials and the limited personnel available.

Normal access to the station through the Vehicle Access Portal (VAP) will be blocked preventing normal access to the fire scene.

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SEQUENCE OF EVENTS

The fire is discovered and reported to the Simulator Control Room by an employee in the Environmental Management trailer. The Simulator Control Room will notify Mecklenburg County and the McGuire Technical Support Center.

The Operations Support Center should dispatch the Station Fire Brigade or at the minimum a Fire Brigade leader to the scene for initial fire suppression and/or to interface with the offsite fire agencies.

Offsite fire agencies (Gilead and Cornelius Fire Departments) should respond with appropriate personnel and equipment.

The drill will be terminated when the offsite agencies have connected to the McGuire fire hydrant system and charged an attack line, donned protective clothing and advanced to extinguish the fire.

OVERVIEW

A station Fire Brigade Leader and the offsite fire agencies will be the primary players in the drill. The Fire Protection Unit of the Safety and Health Services Section will serve as controllers and evaluators.

The Simulator Control Room will have the responsibility of notifying the offsite fire agencies. The station Fire Brigade Leader will have overall control of the site fire suppression operations and serve as Incident Commander to offsite responding agencies.

NOTE

The ability and technique of the offsite agencies to suppress a fire is not being tested. The objective is to verify a timely response with the proper equipment and personnel and verify communications between the Station Fire Brigade Leader and the offsite agency.