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Oconee Nuclear Station
1988 Exercise

I. SCOPE AND OBJECTIVES

A. Scope

The 1988 Oconee Nuclear Station exercise is designed to meet the exercise requirements of 10CFR50, Appendix E, Section IV.F. The Duke Power Technical Support Center, Operational Support Center, and control room will participate fully. The Duke Power Crisis Management Center will not participate except as needed to support realistic participation by other organizations. ~~Oconee and Pickens Counties will participate fully~~ and the State of South Carolina will participate on a partial basis. *FEOC-CLEMSON Will Not be Activated*

On April 14, 1988, a simulated radiological accident will be held to test the integrated capabilities and a major portion of the basic elements within the emergency plans and organizations. This exercise will simulate emergency conditions which would require response by the on-site emergency organizations. Exercise objectives are provided in Section I.B.

A formal critique involving Duke Power, NRC, and selected observers will be held April 15, 1988. This critique will be closed to the public and will be held in the Oconee Nuclear Station Administration Building, Room A-213.

B. Exercise Objectives

1. Demonstrate the ability to declare emergency classification in accordance with procedures.
2. Demonstrate the ability to notify the State and the 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 class.
4. Demonstrate the ability to notify NRC not later than 1 hour after declaring one of the emergency classes.
5. Demonstrate assembly of station personnel within 30 minutes in a simulated emergency and provide accountability for any not present at the assembly locations.

6. Demonstrate access control measures to the plant site.
7. Test communications equipment among on-site emergency facilities including plant extensions, intercoms, and the on-site radio system.
8. Test off-site communications equipment to the counties and state and to NRC including the Selective Signaling System, outside telephone lines, and the NRC Emergency Notification System.
9. Test the adequacy and operability of emergency equipment/supplies.
10. Demonstrate precise and clear transfer of responsibility from the Shift Supervisor in the Control Room to the Emergency Coordinator in the TSC.
11. Demonstrate proper use of the message format and authentication methodology for messages transmitted to states and counties.
12. Demonstrate the ability to provide data to the TSC and OSC in accordance with station procedures.
13. Evaluate the adequacy of the following assessment tools:
 1. Drawings
 2. Data Display Boards
 3. Maps
14. Demonstrate the ability to continuously monitor and control emergency worker exposure.
15. Demonstrate the ability to determine on-site radiation levels and airborne radioiodine concentrations.
16. Demonstrate the ability to develop off-site dose projections in accordance with procedures.
17. Demonstrate adequate radio communications between the off-site monitoring teams and the TSC.
18. Demonstrate the ability to locate a simulated, radioactive plume and to measure the off-site radiation levels.
19. Demonstrate the ability to provide timely and appropriate protective action recommendations to off-site officials in accordance with station procedures.

20. Demonstrate the ability to assess the incident and provide mitigation strategies in accordance with station procedures.
21. Demonstrate the adequacy of response to a medical injury involving contamination with transport to an off-site medical facility. (Contamination and/or radiation consequences.)
22. Demonstrate adequacy of response to a fire outside the protected area utilizing volunteer fire support (April 13, 1988 - separate drill).
23. Demonstrate the ability to effect an orderly evacuation of non-essential personnel.
24. Demonstrate the ability to provide accurate information to the news media in a timely manner.

\reh\scope&.obj

II. CONDUCT OF EXERCISE

A. Exercise Organization

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

Controller/Evaluators

Controllers and evaluators are assigned to specific locations and/or groups as described in this Exercise Plan.

Controllers are responsible for:

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

Evaluators are responsible for:

- 1) Observing players as they work in their specialized functions
- 2) Compiling observations and judgments onto the evaluation forms.

In many instances one person may serve in a dual capacity as both controller and evaluator.

Simulated plant parameters and emergency messages will be provided by the controllers to the control room operators, monitoring team members, and other players as appropriate. These messages and data are shown in the appendices of this plan. Players are responsible for initiating actions in response to the messages and/or data according to the emergency plan and procedures.

Duke Power Company controllers and evaluators will be identified by wearing armbands.

Selection of controller/evaluators is based on their expertise in, or their qualification to evaluate the area assigned. All controllers and evaluators will compile their observations prior to the critique and provide the completed evaluation forms to the Exercise Director. The Exercise Director will summarize these items in the critique.

Observers

Observers from various Duke Power organizations, other utilities, local, and state officials, may be authorized on a limited basis, to participate in the exercise.

Requests to participate as observers at Duke Power Company Facilities must be submitted to: R. E. Harris, System Emergency Planner, Nuclear Production Department, P. O. Box 33189, Charlotte, N. C. 28242 (704-373-8669).

Players

Players include all plant and other Duke personnel assigned to perform functions of the station and corporate emergency response plans including control room personnel assigned to participate in the exercise, Technical Support Center personnel and other Duke personnel who may be assigned as players. Duke players will be identified by colored armbands and position badges.

The success of the exercise is largely dependent on player reaction, and their knowledge of the Emergency Plans and procedures. Some situations affecting player reaction will exist at the time the exercise begins; however, most will be introduced by the Controller/Evaluators through the course of the exercise. Simulated plant conditions will be provided to control room operators using the control room simulator and scenario messages. Players are responsible for initiating actions during the exercise according to the procedures, responsibilities, and tasks outlined for their particular function in the Emergency Plans and Implementing Procedures.

B. Exercise Data and Messages

Data and messages to be used in the exercise are shown in the appendices. Message sheets with notes to controllers are for use by the controller/evaluators to allow review of those actions which the players should initiate. All messages will be given verbally to the players.

Data for the exercise will be generated by the control room simulator. The TSC and OSC will receive data from the simulator via the data transmittal system. Due to player actions during the exercise, data might be somewhat different. The pre-planned data will be available for players should the simulator become inoperable during the exercise.

C. Controller/Evaluator Assignments

<u>Function</u>	<u>No. of Controller/Evaluators</u>
Exercise Director/TSC Overall	1
Control Room/Operations	7
OSC - Overall	1
Off-site Monitoring Teams	4
On-site Rad. Monitoring (OSC)	5
Maintenance (OSC)	1
Instrument and Electrical (OSC)	2
Performance (TSC)	1
Health Physics (TSC)	1
News Center	1

D. EXERCISE RULES

1. Information will be given players prior to exercise event occurring concerning current plant conditions. Information will be given to only those people who would be informed of the situation. Example: A Section Head may be aware of a particular situation but not necessarily the Superintendent of that group.
2. Response for events will be real-time. If a drawing is needed, the drawing must be secured by whatever method is required. If a part is needed, that part must be located and carried to the job. If an air sample is required, then the air sampler and appropriate electrical connections must be made. To receive the results of the sample, the sample cartridge must be carried to the Count Room in order to get the results. No simulations unless stipulated by Controller.
3. Respirators do not actually have to be worn. Health Physics will use the tags to indicate that a respirator is being worn. HP will tag out the respirator being issued. Administrative controls for issue of respirators will be followed. Air bottles will be real-time (approximately 30 minutes supply-each bottle).
4. All phone calls and communication efforts required by the Oconee Nuclear Station Emergency Plan will be made. If the call is to be simulated, the controller in the area will make the player aware. Otherwise, all calls will be required to be made. All phone calls and radio contacts should be proceeded by "This is a drill."
5. Controllers will be present with all responders to the emergency. If a question arises concerning player response, it is the player's responsibility to make sure the controller understands his or her response.
6. Once Site Assembly has been achieved, those persons not directly participating in the exercise will be told to return to their work stations.
7. Since the Control Room will be at the Simulator, some pre-staging for Operations personnel will be established prior to the exercise starting.
8. A critique will be held after the exercise in A-213.
9. Players will be identified by role tags and by colored arm-band identification. Controllers/evaluators will be wearing Controller/Evaluator badges.
10. Exercise participants should not take any action that would jeopardize their personal safety, plant safety, or unit operation. For ALARA reasons, participants should not enter any actual high radiation areas.
11. If evacuation of non-essential personnel is required by the scenario, two people from each category (E-1, E-2, E-3) shall be designated by their section to participate.

III. CRITIQUE

A formal critique will be held April 15, 1988 at 10:00 am. This critique will be closed to the public and will be held in the Administration Building, Room A-213.

The following persons or groups will comment on the exercise:

Critique Comments:

- a. Exercise Director (Controller/Evaluators' comments)
- b. Nuclear Station Manager (Participants' comments)
- d. NRC

Following the critique, the Exercise Director will combine the critique comments into an action item list. The individual items will be assigned to appropriate members of the organization for resolution. The System Emergency Planner will be responsible for followup to ensure implementation of corrective measures.

Evaluation Forms

The following evaluation forms have been designed to allow review of the specific exercise objectives stated in part I of this exercise plan. Where an objective is not rated as having been completed in an adequate manner, the evaluator will elaborate on the back of the sheet. Even if an objective is adequately met, the evaluator may make suggestions for improvement.

Name: _____
Area of Review: TSC-Overall

Date: _____

Exercise Objective To Be Reviewed

(Check one)
Adequate Inadequate

1. Demonstrate the ability to declare emergency classification according to station procedures. _____
2. Demonstrate the ability to notify the State and the counties within 15 minutes after declaring an emergency. _____
3. Demonstrate the ability to staff the TSC after declaring an Alert or higher emergency class. _____
5. Demonstrate assembly of station personnel within 30 minutes and account for missing persons. _____
6. Demonstrate access control measures to the plant site. _____
7. Test on-site communications equipment (plant extensions, intercoms and radio). _____
8. Test off-site communications equipment (Selective Signaling System, outside lines, and the NRC Emergency Notification System). _____
9. Test the adequacy and operability of emergency equipment and supplies. _____
10. Demonstrate precise and clear transfer of responsibility from the Shift Supervisor to the Emergency Coordinator in the TSC. _____
11. Demonstrate proper use of the message format and authentication methodology. _____
13. Evaluate the adequacy of drawings, data display boards and maps. _____

Area of Review: TSC-Overall

Exercise Objective To Be Reviewed

(Check one)
Adequate Inadequate

19. Demonstrate the ability to provide timely and appropriate protective action recommendations in accordance with station procedures.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: Control Room

Date: _____

Exercise Objective To Be Reviewed

(Check one)

	<u>Adequate</u>	<u>Inadequate</u>
1. Demonstrate the ability to declare emergency classification in accordance with station procedures.	_____	_____
2. Demonstrate the ability to notify the State and the counties within 15 minutes after declaring an emergency or after changing the emergency classification.	_____	_____
3. Demonstrate the ability to alert and notify the TSC and OSC.	_____	_____
4. Demonstrate the ability to notify NRC not later than 1 hour after declaring one of the emergency classes.	_____	_____
7. Test on-site communications equipment (plant extensions and intercoms).	_____	_____
8. Test off-site communications equipment (Selective Signaling System, and outside lines, and the NRC Emergency Notification System).	_____	_____
9. Test the adequacy and operability of emergency equipment and supplies.	_____	_____
10. Demonstrate precise and clear transfer of responsibility from the Shift Supervisor to the Emergency Coordinator in the TSC.	_____	_____
11. Demonstrate proper use of the message format and authentication methodology.	_____	_____
13. Evaluate the adequacy of drawings and maps.	_____	_____
20. Demonstrate ability to assess the incident and provide mitigation strategies in accordance with station procedures.	_____	_____

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: OSC-Overall

Date: _____

Exercise Objective To Be Reviewed

(Check one)
Adequate Inadequate

3. Demonstrate the ability to staff the OSC after declaring an Alert or higher emergency class.
7. Test on-site communications equipment (plant extensions, intercoms, and radio).
9. Test the adequacy and operability of emergency equipment and supplies.
12. Demonstrate the ability to provide data to the OSC in accordance with station procedures.
13. Evaluate the adequacy of drawings, data display boards, and maps.
14. Demonstrate the ability to continuously monitor and control emergency worker exposure.
15. Demonstrate the ability to determine on-site radiation levels and airborne radioiodine concentrations.

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

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: Off-site Monitoring Teams

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

- 9. Adequacy and operability of emergency equipment/supplies.
- 17. Demonstrate adequate radio communications with off-site monitoring teams.
- 18. Demonstrate the ability to measure off-site radiation levels.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: On-site Rad. Monitoring (OSC)

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

9. Adequacy and operability of
emergency equipment and supplies.
15. Demonstrate the ability to determine
on-site radiation levels and airborne
radioiodine concentrations.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: Maintenance

Date: _____

Exercise Objective To Be Reviewed

(Check one)
Adequate Inadequate

- 10. Test the adequacy and operability of emergency equipment and supplies.
- 14. Demonstrate the ability to continuously monitor and control emergency worker exposure.
- 20. Demonstrate the ability to assess the incident and provide mitigation strategies in accordance with station procedures.

_____	_____
_____	_____
_____	_____

Signed _____

*Note: Explain any item marked "inadequate".

Name: _____
Area of Review: Instrument and Electrical

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

- 9. Adequacy and operability of emergency equipment and supplies.
- 14. Demonstrate the ability to continuously monitor and control emergency worker exposure.
- 20. Demonstrate the ability to assess the incident and provide mitigation strategies in accordance with station procedures.

*Note: Explain any items marked "inadequate".

Name: _____
Area of Review: Performance

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

9. Test the adequacy and operability of emergency equipment and supplies.
12. Demonstrate the ability to provide data to the TSC and OSC in accordance with station procedures.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: Health Physics (TSC)

Date: _____

Exercise Objective To Be Reviewed

(Check one)
Adequate Inadequate

- 7. Test on-site communications equipment (plant extensions and intercoms).

- 9. Test the adequacy and operability of emergency equipment and supplies.

- 13. Evaluate the adequacy of drawings, data display boards and maps.

- 16. Demonstrate the ability to develop off-site dose projections in accordance with procedures.

- 17. Demonstrate adequate radio communications with off-site monitoring teams.

- 18. Demonstrate the ability to locate a simulated, radioactive plume and to measure off-site radiation levels.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: News Center

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

24. Demonstrate the ability to provide accurate information to the news media in a timely manner.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____
Area of Review: Medical Drill

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

21. Demonstrate adequate response to a medical emergency involving contamination with transport to an off-site medical facility.

Signed _____

*Note: Explain any items marked "inadequate."

Name: _____

Area of Review: Fire Drill

Date: _____

Exercise Objective To Be Reviewed

(Check one)

Adequate

Inadequate

22. Demonstrate the adequacy of response to a fire outside the protected area utilizing volunteer fire support.

Signed _____

*Note: Explain any items marked "inadequate."

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
ANNUAL EXERCISE 88-2

INITIAL CONDITIONS:

1. Unit 2 @ cold shutdown and Unit 3 @ 100% - No major problems
2. Unit 1 @ 55% due to dropped rod on previous shift
3. Unit 1 currently operating with some failed fuel (current levels)
4. 1B feedwater pump isolated and drained for suction relief valve repair.
5. 1LWD-2 (Liquid Waste Discharge) has been disassembled for repair of clogged line. This has placed the unit under a 4 hr. Limiting Condition for Operation per T.S. 3.6.3.C beginning at 1130.
6. Unit 1 Personnel Hatch Leak Rate Test in progress.
Building entry was made to check some penetration valves the previous day at 1300 hrs. Unit is under a 72 hr. Limiting Condition for Operation.

SEQUENCE OF EVENTS:

- 1215 Performance notifies Unit 1 Supervisor that the Unit 1 Personnel Hatch has failed the Leak Rate Test
- 1230 The following items occur:
- 1) Rod 3 GP6 ejects from core
 - 2) Reactor Protective System or Operators attempt to trip Reactor, but rods do not drop
 - 3) Emergency boration is initiated; "1B" HPI (High Pressure Injection) Header flow indication is failed to "0".
 - 4) Operators attempt to manually drive rods, but all control power to rods is lost. This prevents driving rods into core.
- 1230:30 The following items occur:
- 1) "1A" Main Feedwater Pump Trips - causing a loss of Main Feedwater
 - 2) All Emergency Feedwater Pumps start - no problems
 - 3) Reactor Coolant System Pressure & Temperature will increase to Power Operated Relief Valve set point and lift the Power Operated Relief Valve. Reactor Coolant System Pressure will continue to increase and lift the Pressurizer Code Relief Valves @ 2400 psi. Both Pressurizer Code Relief Valves will close late @ 2160 psi.
- 1232 Operators arrive at Control Rod Drive Breakers in the Cable Room but are unsuccessful at tripping breakers.
Aux. Bldg. RIA's (Radiation Monitors) should be increasing to alarm setpoints.
- 1235 1) Operators deenergize Control Rod Drives at the 600 V. load centers 1X9 and 2X1. Control Rods fall into core taking Reactor sub-critical. Reactor Coolant System pressure rapidly decreases below Power Operated Relief Valve setpoint, but 1RC-66 (PORV) stays open. Pilot valve indicates closed.
- 2) Operators attempt to close 1RC-4, but breaker trips.
 - 3) Operations sends operator to reset breaker. Breaker is burned and scorched.

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
ANNUAL EXERCISE 88-2
Page 2

- 1237 Quench tank rupture disk blows. A loud noise is heard by Maintenance Crew in Room 61 where the repair to 1 LWD-2 is taking place. Maintenance calls Control Room to report an injury and high and increasing rad levels in Room 61. They have reported steam and air coming through the 1 LWD-2 piping.
- 1245 Site Area Emergency declared.
- 1300 1RC-4 breaker is replaced by I&E. Control Room is notified and breaker is closed.
- 1300-1315 Both 'A' Steam Generator Start Up levels (ICS) fail low. This should not present an immediate problem due to Emergency Feedwater in operation. This failure will occur prior to reestablishing main feedwater.
- 1320-1345 General Emergency declared. Plant site should be evacuated of non-essential personnel.
- 1345 The following items occur:
1) Fire alarm received in Control Room-Group 6 Pyra Alarm (Detector 6B over 1TC)
2) 1X8 Deenergizes because feeder breaker on 1TC to 1X8 internally faults
3) 1XS1 becomes deenergized
4) Fire Brigade may be dispatched
- ~1355 Fire Brigade or operator arrives at 1TC Switchgear. No fire but lingering smoke. 1TC Breaker to 1X8 is scorched.
- 1355 Operations should then begin making lineups necessary to power up 1XS1 from 1X9 if they determine there is no fault on 1XS1.
- 1400 Status:
1) Maint. should be repairing Reactor Building Personnel Hatch
2) Maint. should be putting a closure plate on 1LWD-2 piping.
3) Operations should be cooling down plant to Low Pressure Injection normal decay heat removal.
4) Operations should be reenergizing 1XS1 so that Low Pressure Injection can be put on.
- ~1400 If Chemistry samples are taken at 1245, results would show ~3% failed Fuel. Rate of Fuel Failure from 1245 until stopping all Reactor Coolant Pumps is 0.25% per 15 minutes.

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
ANNUAL EXERCISE 88-2
Page 3

To be completed prior to exercise close-out:

1. Unit placed on normal decay heat removal with system depress in progress.
2. Reactor Building leaks should be repaired to stop offsite release.

cf. Comment #6, p4

MESSAGE NUMBER 15a

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1245

PLANT CONDITIONS:

Unit 1 sub-critical and going into hot shutdown.

TO:

Chemistry technician sampling/analyzing RCS.

MESSAGE:

TO BE USED ONLY IF RCS IS SAMPLED BETWEEN 1245 - 1315.

See attached sheet for sample results.

ACTIONS EXPECTED:

Notify OSC with results.

Unit 1Date 04/14/88Time 1245pH: 7.0Spec Cond: 26.4Boron: 1168Cl⁻: <.05F⁻: <.05SS: >500 ppbDissolved O₂: <7RADIOCHEMISTRY DATAGross Beta 58.78Ar-41 1.59Kr-85M 3.15Kr-87 2.52Kr-88 3.66Xe-133 62.92Xe-133M 1.31Xe-135 18.48Xe-135M 4.03 E-1I-131 1.357I-132 1.076I-133 1.697I-134 1.350I-135 1.250Gross Gamma 112.75Na-24 3.17 E-1Rb-88 5.195C0-58 4.80 E-2Cs-134 Cs-137 Cs-138 6.479

MESSAGE NUMBER 16

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1300

PLANT CONDITIONS:

TO:

Control Room

MESSAGE: (Contingency Message)

If a decision is made to stay at Hot Shutdown, Controller in the simulator control room will increase the thermocouple readings to indicate hot spots in the core. This information will force the decision to get to LPI as soon as possible.

ACTIONS EXPECTED:

MESSAGE NUMBER 17

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1300-1315

PLANT CONDITIONS:

"A" Steam Generator start-up levels fail low

TO:

I&E Shift Crew

MESSAGE:

All line-ups are correct and transmitters have power.

ACTIONS EXPECTED:

Notify OSC

MESSAGE NUMBER 18

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1329 (approx)

PLANT CONDITIONS:

TO:

World of Energy Staff

MESSAGE:

Arrive at Liberty Office (World of Energy) to establish Crisis News Center.

Channel 4 and the Greenville News are waiting at the Liberty Office for your arrival as they have been tipped by the Seneca Journal Reporter.

ACTIONS EXPECTED:

- 1) Make appropriate calls to re-establish communications with TSC at ONS and with Charlotte
- 2) Set up Crisis News Center and register media. Properly handle questions from media.
- 3) Follow-up on school group
- 4) Generate appropriate news releases

MESSAGE NUMBER 19

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1345 (approx)

PLANT CONDITIONS:

TO:

Control Room

MESSAGE:

Group 6 Pyra-Alarm Detector 6B in alarm

ACTIONS EXPECTED:

Dispatch Fire Brigade or Nuclear Equipment Operator to LTC switchgear .

MESSAGE NUMBER 19a

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: approx 1355

PLANT CONDITIONS:

TO:

NEO at 1TC Switchgear

MESSAGE:

No fire seen however there is lingering smoke around 1TC. 1TC breaker to 1X8 is scorched.

ACTIONS EXPECTED:

Notify Control Room.

MESSAGE NUMBER 20

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1355

PLANT CONDITIONS:

TO:

I&E Shift Crew dispatched from OSC

MESSAGE:

Breaker 3 on LTC is scorched and smells of burned plastic. scorched.

ACTIONS EXPECTED:

Notify OSC that breaker will need to be replaced.

MESSAGE NUMBER 21

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1418

PLANT CONDITIONS:

TO:

World of Energy Staff

MESSAGE:

A photographer and reporter from the Greenville News are at a Highway Patrol checkpoint near ONS and are asking questions.

ACTIONS EXPECTED:

Get word to the reporter that they will have to come to Liberty for information.

MESSAGE NUMBER 22

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1400

PLANT CONDITIONS:

TO:

Chemistry technician sampling/analyzing RCS.

MESSAGE:

TO BE USED ONLY IF RCS IS SAMPLED BETWEEN 1315 - 1345.

See attached sheet for sample results.

ACTIONS EXPECTED:

Notify OSC with results.

Unit 1Date 04/14/88Time 1345pH: Spec Cond: Boron: 2166Cl⁻: F⁻: SS: Dissolved O₂: RADIOCHEMISTRY DATAGross Beta 78.37Ar-41 2.12Kr-85M 4.20Kr-87 3.36Kr-88 4.88Xe-133 83.89Xe-133M 1.75Xe-135 24.64Xe-135M 5.37 E-1I-131 1.808I-132 1.434I-133 2.243I-134 1.800I-135 1.667Gross Gamma 150.33Na-24 4.23 E-1Rb-88 6.926Co-58 6.40 E-2Cs-134 Cs-137 Cs-138 8.639

MESSAGE NUMBER 23

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1615

PLANT CONDITIONS:

TO:

Chemistry technician sampling/analyzing RCS.

MESSAGE:

TO BE USED ONLY IF RCS IS SAMPLED BETWEEN 1345 - 1600.

See attached sheet for sample results.

ACTIONS EXPECTED:

Notify OSC with results.

Unit 1Date 04/14/88Time 1445pH: Spec Cond: Boron: 2145Cl⁻: F⁻: SS: Dissolved O₂: RADIOCHEMISTRY DATAGross Beta 97.96Ar-41 2.65Kr-85M 5.25Kr-87 4.20Kr-88 6.10Xe-133 104.86Xe-133M 2.18Xe-135 30.80Xe-135M 6.71 E-1I-131 2.261I-132 1.792I-133 2.828I-134 2.250I-135 2.084Gross Gamma 187.91Na-24 5.28 E-1Rb-88 8.657C0-58 8.00 E-2Cs-134 Cs-137 Cs-138 10.798

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
ANNUAL EXERCISE 88-2
OFFSITE EXPOSURE DATA

INITIAL METEOROLOGICAL CONDITIONS AT 1230:

TEMPERATURE - 70 F
WIND SPEED - 1 MPH
WIND DIRECTION - FROM 230
DELTA TEMP. - 1.76

ASSUMPTIONS FOR OFFSITE DATA DETERMINATION:

1. Unit 1 normal building iodine is approximately 2-3 MPC.
2. Unit 1 normal vent iodine is approximately $1\text{E-}12$ uCi/ml.
3. Release of radioactive material is continuous until maintenance can seal the 1LWD2 line. The initial release will be extremely large due reactor building pressure surge. The activity in the auxiliary building will eventually decrease as the ventilation system removes more air than is leaking from the reactor building.
4. RIA-49 reading is collimated.
5. Met tower is in service. River tower is out of service.
6. The release only affects unit 1 in any measurable quantity. Normal operating data should be used for units 2 and 3.
7. There is no primary to secondary leak on unit 1.

GENERAL HEALTH PHYSICS CONTROLLER RULES

1. RO2A OW = 1.50 * CW for Noble Gas Submersion
2. Instrument Ranges. Report offscale high if the indicated dose rate exceeds the instrument range. Report the actual instrument reading if the indicated dose rate is below the instruments low range.

TYPICAL INSTRUMENT RANGES FOR DOSE RATE MEASUREMENT:

E-520	0.01 mR/hr to 2000 mR/hr
E-530	0.2 mR/hr to 200 mR/hr
PIC-6A	1.0 mR/hr to 1000 R/hr
RO-2A	1.0 mR/hr to 50 R/hr
Teletector	0 mR/hr to 1000 R/hr

TYPICAL INSTRUMENT RANGES FOR CONTAMINATION MEASUREMENTS:

RM-14	0 cpm to 50,000 cpm
-------	---------------------

MESSAGE NUMBER 1

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 0800

PLANT CONDITIONS:

Unit 2 - Cold Shutdown, Unit 3 @ 100%

Unit 1 @ 55% due to a dropped rod on previous shift and currently operating with 0.21% failed fuel (current level). *NOTE 3.0 > 0.1% Eq. fair fuel w/ 30 min.*

1B feedwater pump isolated and drained for suction relief valve repair.

Unit 1 Personnel Hatch Leak Rate Test in progress. Building entry was made to check some penetration valves the previous day at 1300 hours. Unit is under a 72-hour LCO.

TO:

The following personnel:

Shift Supervisor; Station Manager; Superintendents; Chemistry Section Head; Performance Section Head

MESSAGE:

See above Plant Conditions.

ACTIONS EXPECTED:

Station Manager will forward information to other groups within the plant.

MESSAGE NUMBER 1a

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 0730

PLANT CONDITIONS:

Unit 1 @ 55% power due to a dropped rod on previous shift.

TO:

Primary Chemistry Supervisor

MESSAGE:

See attached sheet (Baseline information - results of routine morning sample).

ACTIONS EXPECTED:

Notify General Supervisor (Power Chemistry).

Unit 1Date 04/14/88Time 0730pH: 6.9Spec Cond: 22.4Boron: 824Cl⁻: <.05F⁻: <.05SS: >250 ppbDissolved O₂: <7RADIOCHEMISTRY DATAGross Beta 4.21Gross Gamma 9.80Ar-41 1.23 E-1Na-24 4.53 E-2Kr-85M 7.52 E-1Rb-88 3.51 E-1Kr-87 4.22 E-1Co-58 Kr-88 3.77 E-1Cs-134 Xe-133 4.80Cs-137 Xe-133M 8.41 E-1Cs-138 5.48 E-1Xe-135 9.84 E-1Xe-135M 6.37 E-2I-131 1.22 E-1I-132 8.94 E-2I-133 1.03 E-1I-134 9.43 E-2I-135 8.94 E-2

MESSAGE NUMBER 1b

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1130

PLANT CONDITIONS:

Unit 2 - Cold Shutdown, Unit 3 @ 100%

Unit 1 @ 55% due to a dropped rod on previous shift and currently operating with 0.21% failed fuel (current level).

1B feedwater pump isolated and drained for suction relief valve repair.

Unit 1 Personnel Hatch Leak Rate Test in progress. Building entry was made to check some penetration valves the previous day at 1300 hours. Unit is under a 72-hour LCO.

TO:

Shift Supervisor and Station Manager

MESSAGE:

1 LWD-2 (liquid waste discharge) has been disassembled for repair of clogged line. This has placed the unit under a 4-hour Limiting Condition for Operation (LCO) per TS 3.6.3.c.

ACTIONS EXPECTED:

Station Manager will forward information to other groups within the plant.

MESSAGE NUMBER 2

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1215

PLANT CONDITIONS:

Same as message #1

TO:

Unit 1 Supervisor

MESSAGE:

Unit 1 Personnel Hatch has failed the leak rate test. Performance has calculated that the leak rate test does not meet the acceptance criteria stated in the procedure.

ACTIONS EXPECTED:

Report information to Shift Supervisor and Performance Engineer.

MESSAGE NUMBER 3

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1215

PLANT CONDITIONS:

Unit 2 is at cold shutdown

Unit 3 is at 100%

Unit 1 at 55% due to a dropped rod on previous shift and is operating with
0.21% failed fuel

TO:

World of Energy Staff

MESSAGE:

A school group from Pickens High School is enroute to the World of Energy.
They are expected to arrive around 1300.

Gwynn is working with a reporter from the Seneca Journal at the TOPO map.
They are planning to go to Bad Creek around 1245 hours.

ACTIONS EXPECTED:

Information only

MESSAGE NUMBER 4

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1230

PLANT CONDITIONS:

TO:

Switchboard Operator

MESSAGE:

A lady has just walked into the lobby. She indicates that she is waiting for her husband. He is to go to the doctor with her this afternoon. She is pregnant. She tells you that she is not feeling very well and sits down.

ACTIONS EXPECTED:

Try to notify her husband that his wife is in the receptionist lobby.

MESSAGE NUMBER 4a

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1230

PLANT CONDITIONS:

TO:

Control Room

MESSAGE:

Fire alarm on the Honeywell string -- B2 Detector C.

ACTIONS EXPECTED:

Send NEO to investigate.

MESSAGE NUMBER 5

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1230

PLANT CONDITIONS:

"1B" HPI header flow indication has failed to "0"

TO:

I&E Shift Crew

MESSAGE:

Transmitter (FT-8A) has the high and low side taps closed and the equalizer valve open.

ACTIONS EXPECTED:

Close equalizer valve and open high and low side taps.

Note: Rad levels in this area will prevent I&E Crew from entering area until after 1430.

MESSAGE NUMBER 6

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1232

PLANT CONDITIONS:

TO:

Nuclear Equipment Operator at Control Rod Drive Breakers in the cable room.

MESSAGE:

CRD breakers will not open at local trip buttons. Smell of burned plastic and metal in the air.

ACTIONS EXPECTED:

Go to CRD breaker on 1X9 and 2X1. Notify Control Room.

MESSAGE NUMBER 7

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1235

PLANT CONDITIONS:

TO:

Nuclear Equipment Operator(s) at the 600 volt load centers 1X9 and 2X1.

MESSAGE:

Breakers on 1X9 and 2X1 to CRD breakers open.

ACTIONS EXPECTED:

Notify Control Room.

MESSAGE NUMBER 8a

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1230*

PLANT CONDITIONS:

TO:

World of Energy Staff

MESSAGE:

Unit #1 has just tripped and steam is being vented to the atmosphere.

ACTIONS EXPECTED:

Attempt to find out from the plant what the situation is and handle the reporter's questions appropriately.

* TIME WILL HAVE TO BE COORDINATED !!!!

MESSAGE NUMBER 8b

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1230*

PLANT CONDITIONS:

TO:

Switchboard Operator

MESSAGE:

A loud noise is heard from Unit #1 and steam is being vented to the atmosphere.

ACTIONS EXPECTED:

Make announcement over the plant PA System.

* TIME WILL HAVE TO BE COORDINATED !!!!

MESSAGE NUMBER 9

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1235

PLANT CONDITIONS:

TO:

Nuclear Equipment Operator sent to reset breaker for 1RC-4

MESSAGE:

Breaker to 1RC-4 is burned & scorched.

ACTIONS EXPECTED:

Notify Control Room. Control Room should contact I&E Shift Supervisor to trouble-shoot job.

MESSAGE NUMBER 10

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: 1237 approx.

PLANT CONDITIONS:

Contamination levels in this area required particulate masks for personnel working on this job. HP coverage is required. This work has been in progress since 1130. People assigned to this job are the maintenance shift crew and an HP technician.

TO:

Maintenance Crew at the 1 LWD-2 valve unclogging pipe.

MESSAGE:

A very strong rush of air and steam has erupted from the LWD pipe. A loud noise has also been heard. Steam is now pouring from the pipe into the room. HP technician sees a rapid increase on the detector.

ACTIONS EXPECTED:

Leave the area and call the Control Room.

Comment #5 p.3

MESSAGE NUMBER 11

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1237

PLANT CONDITIONS:

TO:

Control Room - Emergency Telephone 2111

MESSAGE:

In the rush to leave the room, one of the maintenance technicians falls over a tool box and cuts his leg and breaks an arm.

ACTIONS EXPECTED:

Contact control room to dispatch the Medical Emergency Response team. Should also report the high rad levels in the Aux Building.

Note: Rad levels, contamination levels are shown on separate maps and charts for the area. Controller will use this information to provide data for the MERT response.

MESSAGE NUMBER 12

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1230

PLANT CONDITIONS:

TO:

I&E sent to investigate problem with CRD breakers in cable room

MESSAGE: (Contingency Message)

Contacts are fused. There is a lingering smell of burned plastic and metal. Breakers are charred and scorched.

ACTIONS EXPECTED:

Notify Control Room or Operational Support Center. CRD breakers are inoperable and will have to be replaced.

MESSAGE NUMBER 13

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1230

PLANT CONDITIONS:

CRD's did not respond to a manual drive signal input from the Control Rod.

TO:

I&E Shift Crew at the CRD cabinets in cable room

MESSAGE: (Contingency Message)

Group 7 programmer is blackened and scorched.

ACTIONS EXPECTED:

Notify Control Room or Operational Support Center. Programmer needs to be replaced.

MESSAGE NUMBER 14

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1235

PLANT CONDITIONS:

TO:

I&E Shift Crew at the SSF

MESSAGE:

Breaker COMPT F06C in MCC 1XSF is scorched and burned.

ACTIONS EXPECTED:

Tries to reset breaker. Determine that it will have to be replaced.
Notify Control Room or Operational Support Center, depending on who is in charge at the time of dispatch.

MESSAGE NUMBER 15

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Exercise 88-2

Date: 04/14/88

Time: after 1244

PLANT CONDITIONS:

TO:

World of Energy Staff

MESSAGE:

Initial set-up of Crisis News Center would be at the Liberty Office. Simulate moving to Liberty by driving cars to Training Center (ONS) and staying there for 45 minutes.

- School group has still not arrived
- Return to World of Energy after 45 minutes

ACTIONS EXPECTED:

- 1) Select best route to Liberty based on information from TSC (regarding WD, etc)
- 2) Leave word with switchboard and other appropriate personnel of the move
- 3) Insure safety of school group
- 4) Take whatever is needed to set up CNC (i.e. posters, news group plans, etc. based on what is known to be available at the Liberty Office.
- 5) Draft general news release while enroute to Liberty to insure timely dissemination of first release.
- 6) Insure State and County officials are aware of the move and what actions need to be taken by them with regards to their not being able to use World of Energy

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

C O N F I D E N T I A L
To Be Opened By Addressee Only

March 18, 1988

Chief, Emergency Preparedness Section
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30303

Subject: Oconee Nuclear Station
1988 Exercise
Docket Nos. 50-269, 50-270, 50-287

Dear Sir:

As committed in my February 26, 1988 letter, attached is a copy of the simulator data for the 1988 Oconee Nuclear Station emergency exercise. This data is for illustrative purposes only; the actual data will be generated by the simulator at the time of the exercise based upon player reactions to the initiating events.

Please call Ron Harris at (704) 373-8669 if you have any questions.

Very truly yours,

H B Tucker *RE Harris*

Hal B. Tucker

REH/be(\reh\88exer.ons)

Attachment

xc: C. C. Jennings
W. B. McRee

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME:12:31

DATE:04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	ON		NORM	D2307	
3.	RC PUMP B1	ON		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	592.56	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	592.51	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	566.51	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	566.51	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	566.07	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	566.07	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	35.62	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	35.62	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	2174.10	PSIG	NORM	A1416	
14.	RC PRZR LVL 1 CORR	213.34	INCH	NORM	A1939	
15.	BORON CONC PPM	695.00		GOOD	P0866	
16.	NI 1 SR FLUX	.00	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	54.84	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	50.85	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1903	*
21.	CORE RC TEMP	597.95	DEGF	GOOD	P0458	
22.	CI H9 TEMP	598.37	DEGF	NORM	A0585	
23.	CI M9 TEMP	595.40	DEGF	NORM	A0599	
24.	CI F13 TEMP	602.08	DEGF	NORM	A0606	
25.	CI B7 TEMP	599.00	DEGF	NORM	A0614	
26.	CI C6 TEMP	602.08	DEGF	NORM	A0615	
27.	LP RB LVL TR A	.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	103.04	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	104.87	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	890.69	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	891.03	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	2589683.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	2636264.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

• OCONEE NUCLEAR SIMULATOR

TIME:12:31

UNIT #1

DATE:04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	64.85	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	38.10	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	47.14	FEET	NORM	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.12	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4120.37	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	98.82	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	.00	INCH	NORM	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	12.71	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

DEM021

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 12:30

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	0.96	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	0.89	NO RIA	4.00
	RM 32 AUX BLDG AIR	CPM	500.00	NO RIA	800.00
EL 783	RM 12 CHEM ADD AREA	MRHR	0.92	NO RIA	1.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	1.10
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	5.00	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	0.06	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	0.50	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	2.20	N	4.00
	RM 11 AUX CORR EL 796	MRHR	0.09	NO RIA	0.56
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	470.00	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.22	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46000.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	413.75	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	3000.00	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	100.00	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	320.00	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	N	N	N
	RM 47 RB PARTICULATE	CPM	14253.00	8000.00	10000.00
	RM 48 RB IODINE	CPM	450400	10000.00	15000.00
	RM 49 RB GAS	CPM	47000.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	32.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.09	0.15	0.15
	RM 17 MS HDR B	MRHR	0.15	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT #

***** METEOROLOGICAL DATA *****

TIME==> 12:30

AVG WIND SPEED MW TW	(MPH)	1.00	0.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	0.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	0.00	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	0.00	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	0.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	100.00	0.00	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	320.00	0.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	0.00	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	5.00	0.00	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	14253.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	450400.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	47000.00	0.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	32.00	0.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.09	0.00	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.15	0.00	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	46000.00	0.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

TIME:12:42

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE:04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	ON		NORM	D2307	
3.	RC PUMP B1	ON		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	592.36	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	592.36	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	566.46	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	566.46	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	566.01	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	566.01	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	34.61	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	34.61	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	2154.66	PSIG	NORM	A1416	
14.	RC PRZR LVL 1 CORR	212.70	INCH	NORM	A1939	
15.	BORON CONC PPM	695.00		GOOD	P0866	
16.	NI 1 SR FLUX	.00	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	55.48	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	51.46	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1903	*
21.	CORE RC TEMP	597.90	DEGF	GOOD	P0458	
22.	CI H9 TEMP	598.50	DEGF	NORM	A0585	
23.	CI M9 TEMP	595.47	DEGF	NORM	A0599	
24.	CI F13 TEMP	602.23	DEGF	NORM	A0606	
25.	CI B7 TEMP	599.12	DEGF	NORM	A0614	
26.	CI C6 TEMP	602.23	DEGF	NORM	A0615	
27.	LP RB LVL TR A	.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	103.30	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	105.13	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	891.30	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	891.64	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	2590625.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	2637151.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEMO20

OCONEE NUCLEAR SIMULATOR

TIME: 12:42

UNIT #1

DATE: 04-14-83

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	64.54	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	52.62	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	47.14	FEET	NORM	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.12	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4120.10	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	101.37	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	.00	INCH	NORM	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	22.78	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88

TIME: 12:30

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	0.96	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	0.89	NO RIA	4.00
	RM 32 AUX BLDG AIR	CPM	500.00	NO RIA	800.00
EL 783	RM 12 CHEM ADD AREA	MRHR	0.92	NO RIA	1.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	1.10
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	5.00	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	0.06	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	0.50	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	2.20	N	4.00
	RM 11 AUX CORR EL 796	MRHR	0.09	NO RIA	0.56
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	470.00	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.22	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46000.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	413.75	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	3000.00	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	100.00	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	320.00	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	N	N	N
	RM 47 RB PARTICULATE	CPM	14253.00	8000.00	10000.00
	RM 48 RB IODINE	CPM	450400	10000.00	15000.00
	RM 49 RB GAS	CPM	47000.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	32.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.09	0.15	0.15
	RM 17 MS HDR B	MRHR	0.15	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT #

***** METEOROLOGICAL DATA *****

TIME==> 12:30

AVG WIND SPEED MW TW	(MPH)	1.00	0.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	0.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	0.00	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	0.00	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	0.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	100.00	0.00	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	320.00	0.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	0.00	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	5.00	0.00	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	14253.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	450400.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	47000.00	0.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	32.00	0.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.09	0.00	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.15	0.00	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	46000.00	0.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

TIME:12:52

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE:04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	ON		NORM	D2307	
3.	RC PUMP B1	ON		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	554.90	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	554.73	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	554.26	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	554.26	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	553.93	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	553.93	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	51.79	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	51.96	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	1859.69	PSIG	NORM	A1416	
14.	RC PRZR LVL 1 CORR	178.36	INCH	LOW	A1939	
15.	BORON CONC PPM	822.92		GOOD	P0866	
16.	NI 1 SR FLUX	684416.37	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	553.79	DEGF	GOOD	P0458	
22.	CI H9 TEMP	553.71	DEGF	NORM	A0585	
23.	CI M9 TEMP	553.89	DEGF	NORM	A0599	
24.	CI F13 TEMP	553.17	DEGF	NORM	A0606	
25.	CI B7 TEMP	553.17	DEGF	NORM	A0614	
26.	CI C6 TEMP	553.17	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	60.47	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	59.53	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	1005.87	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	1005.87	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME:12:52

UNIT #1

DATE:04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	ON		ALRM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	161.10	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	245.16	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	46.27	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.08	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4084.12	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011.	*
20.	RBV CRD AREA TEMP	104.52	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****
 OCONEE NUCLEAR STATION DATE: 04-14-88
 RADIATION MONITOR REPORT TIME: 12:40

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	70400.00	NO RIA	1.40
EL 771	RM 13 WASTE CONTRL AREA	MRHR	17600.00	NO RIA	4.40
	RM 32 AUX BLDG AIR	CPM	N	NO RIA	43560.00
EL 783	RM 12 CHEM ADD AREA	MRHR	4400.00	NO RIA	9.00
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	40.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	320.00	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	710.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	700.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	710.00	705.00	4.00
	RM 11 AUX CORR EL 796	MRHR	880.00	NO RIA	75.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	937.00	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	1.10	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46000.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	415.86	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	202.00	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	320.00	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	N	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	830400	10000.00	15000.00
	RM 49 RB GAS	CPM	83740.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	40.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.12	0.15	0.15
	RM 17 MS HDR B	MRHR	0.18	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	12:45	12:30		
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	45000.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	202.00	100.00	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	320.00	320.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	0.00	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	320.00	5.00	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	14253.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	830400.00	450400.00	0.00	0.00
RIA-49 RB GAS	(CPM)	83740.00	47000.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	40.00	32.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.12	0.09	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.18	0.15	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	46000.00	46000.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC

RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 13:02

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	541.74	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	541.61	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	541.54	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	541.29	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	541.28	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	540.57	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	73.69	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	73.82	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	1962.24	PSIG	NORM	A1416	
14.	RC PRZR LVL 1 CORR	138.42	INCH	LOW	A1939	
15.	BORON CONC PPM	921.20		GOOD	P0866	
16.	NI 1 SR FLUX	449.89	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	540.94	DEGF	GOOD	P0458	
22.	CI H9 TEMP	540.89	DEGF	NORM	A0585	
23.	CI M9 TEMP	540.81	DEGF	NORM	A0599	
24.	CI F13 TEMP	540.18	DEGF	NORM	A0606	
25.	CI B7 TEMP	540.81	DEGF	NORM	A0614	
26.	CI C6 TEMP	540.81	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	64.19	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	64.06	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	946.38	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	949.31	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

TIME:14:37

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE:04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	401.56	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	401.53	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	400.51	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	401.04	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	401.04	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	400.70	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	39.34	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	39.38	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	536.98	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	105.48	INCH	LOW	A1939	
15.	BORON CONC PPM	1336.67		GOOD	P0866	
16.	NI 1 SR FLUX	39.64	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	400.91	DEGF	GOOD	P0453	
22.	CI H9 TEMP	400.65	DEGF	NORM	A0585	
23.	CI M9 TEMP	400.63	DEGF	NORM	A0599	
24.	CI F13 TEMP	400.89	DEGF	NORM	A0606	
25.	CI B7 TEMP	400.63	DEGF	NORM	A0614	
26.	CI C6 TEMP	400.63	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	57.23	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	57.47	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	225.00	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	226.41	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 14:37

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	278.62	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	40.97	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.32	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	101.78	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 14:30

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ELEV** DESCRIPTION***** UNITS UNIT-1 UNIT-2 UNIT-3
=====
EL 758 RM 15 AUX CORR EL 758 MRHR 7.87 NO RIA 1.00
EL 771 RM 13 WASTE CONTRL AREA MRHR 3.00 NO RIA 1.10
      RM 32 AUX BLDG AIR CPM 647.00 NO RIA 800.00
EL 783 RM 12 CHEM ADD AREA MRHR 1.40 NO RIA 1.50
      RM 19 LDY AND HOT SWR TK MRHR NO RIA NO RIA 5.00
      RM 36 RC LETDN CPM N N N
EL 796 RM 04 RB ENTRANCE MRHR 262.14 12.00 11.00
      RM 07 MACHINE SHOP MRHR N NO RIA NO RIA
      RM 08 HOT LAB MRHR 0.10 NO RIA NO RIA
      RM 09 LO LVL DRUMMING MRHR 1.00 NO RIA NO RIA
      RM 10 SMPL AREA MRHR 2.50 2.50 2.30
      RM 11 AUX CORR EL 796 MRHR 0.45 NO RIA 0.35
EL 809 RM 05 INCORE HANDLING AR MRHR N N N
      RM 37 GWD EFF LR CPM 469.88 NO RIA 150.00
      RM 38 GWD EFF HR CPM N NO RIA N
EL 822 RM 01 CONTRL ROOM MRHR 0.23 NO RIA 0.30
EL 838 RM 02 MAIN BRIDGE MRHR N N N
      RM 03 AUX BRIDGE MRHR N N N
      RM 06 SPENT FUEL BRIDGE MRHR 1.00 NO RIA 1.11
      RM 39 CONTRL RM VENT CPM 60.00 NO RIA 40.00
      RM 40 CSAE EXH CPM 47683.00 1000.00 100000
      RM 41 SPENT FUEL BLDG AI CPM 412.93 NO RIA 40.00
      RM 43 UNIT VENT PARTICUL CPM N 5000.00 7000.00
      RM 44 UNIT VENT IODINE CPM 816971.8 30.00 1000.00
      RM 45 UNIT VENT GAS LR CPM 761208.9 500.00 800.00
      RM 46 UNIT VENT GAS HR CPM 19.02 N N
      RM 47 RB PARTICULATE CPM N 8000.00 10000.00
      RM 48 RB IODINE CPM N 10000.00 15000.00
      RM 49 RB GAS CPM 77060.00 2000.00 10000.00
      RM 51 PENT RM GAS CPM 34.00 125.00 30.00
T.B. 1 RM 31 LPSW CLR DISCH CPM N NO RIA N
      RM 35 LPSW AUX BLDG DISC CPM N N N
      RM 42 RECIRC CLING WTR CPM 225.00 NO RIA 175.00
      RM 52 INTERIM LWD EFF MRHR N NO RIA NO RIA
      RM 54 T.B. SUMP CPM 1050 NO RIA 135
T.B. 5 RM 16 MS HDR A MRHR 0.10 0.15 0.15
      RM 17 MS HDR B MRHR 0.17 0.15 0.15
      RM 33 LIQ WASTE EFF LR CPM 10000.00 NO RIA NO RIA
      RM 34 LIQ WASTE EFF HR CPM N NO RIA NO RIA
R. B. RM 57 CONTAINMENT MON B R/HR
      RM 58 CONTAINMENT MON A R/HR
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DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	14:30	14:15	14:00	
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	1.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	230.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	21.10	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	1.76	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

	(CFM)	45000.00	45000.00	45000.00	0.00
UNIT VENT FLOW					
RIA-44 UNIT VENT IODINE (CPM)	816971.80	616652.20	515727.70		0.00
RIA-45 UNIT VENT GAS LR (CPM)	761208.90	762097.80	759875.60		0.00
RIA-46 UNIT VENT GAS HR (CPM)	19.02	19.04	18.99		0.00
RIA-56 VENT GROSS GAMMA (R/HR)	0.00	0.00	0.00		0.00

***** REACTOR BUILDING RELEASE DATA *****

	(R/HR)				
RIA-57 CONT. MONITOR-B					
RIA-58 CONT. MONITOR-A					
RIA-04 RX BLDG ENTRANCE (MRHR)	262.14	262.14	262.14		0.00
RIA-47 RB PARTICULATE (CPM)	0.00	0.00	0.00		0.00
RIA-48 RB IODINE (CPM)	0.00	0.00	0.00		0.00
RIA-49 RB GAS (CPM)	77060.00	77060.00	77060.00		0.00
RIA-51 PENT RM GAS (CPM)	34.00	40.00	42.00		0.00

***** UNIT STEAM RELEASE DATA *****

	(MRHR)	0.10	0.10	0.12	0.00
RIA-16 MS HDR A					
RIA-17 MS HDR B	0.17	0.16	0.14		0.00
RIA-40 CSAE EXH	47683.00	46593.00	47848.00		0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE: 04-14-88

TIME: 14:47

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	384.99	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	384.89	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	383.98	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	384.40	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	384.40	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	383.99	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	34.20	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	34.29	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	456.33	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	106.50	INCH	LOW	A1939	
15.	BORON CONC PPM	1359.73		GOOD	P0866	
16.	NI 1 SR FLUX	37.20	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	384.28	DEGF	GOOD	P0458	
22.	CI H9 TEMP	384.17	DEGF	NORM	A0585	
23.	CI M9 TEMP	384.16	DEGF	NORM	A0599	
24.	CI F13 TEMP	384.22	DEGF	NORM	A0606	
25.	CI B7 TEMP	384.05	DEGF	NORM	A0614	
26.	CI C6 TEMP	384.05	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	55.74	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	55.94	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	182.51	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	183.62	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEMO20

OCONEE NUCLEAR SIMULATOR

TIME: 14:47

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	227.25	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	40.61	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.46	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	100.78	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 14:40

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	2.44	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	1.27	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	1741.00	NO RIA	800.00
EL 783	RM 12 CHEM ADD AREA	MRHR	1.50	NO RIA	1.35
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	5.30
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	0.10	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	0.98	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	2.35	2.20	2.30
	RM 11 AUX CORR EL 796	MRHR	0.40	NO RIA	0.35
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	470.91	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.26	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46489.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	413.52	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	909719.9	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	700320.0	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	17.50	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	38.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	135.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	140
T.B. 5	RM 16 MS HDR A	MRHR	0.12	0.15	0.15
	RM 17 MS HDR B	MRHR	0.17	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	14:45	14:30	14:15	14:00
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	1.00	1.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	230.00	230.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	21.10	21.10
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	1.76	1.76
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	45000.00	45000.00	45000.00
RIA-44 UNIT VENT IODINE (CPM)		909719.90	816971.80	616652.20	515727.70
RIA-45 UNIT VENT GAS LR (CPM)		700320.00	761208.90	762097.80	759875.60
RIA-46 UNIT VENT GAS HR (CPM)		17.50	19.02	19.04	18.99
RIA-56 VENT GROSS GAMMA (R/HR)		0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B (R/HR)				
RIA-58 CONT. MONITOR-A (R/HR)				
RIA-04 RX BLDG ENTRANCE (MRHR)	262.14	262.14	262.14	262.14
RIA-47 RB PARTICULATE (CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE (CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS (CPM)	77060.00	77060.00	77060.00	77060.00
RIA-51 PENT RM GAS (CPM)	38.00	34.00	40.00	42.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A (MRHR)	0.12	0.10	0.10	0.12
RIA-17 MS HDR B (MRHR)	0.17	0.17	0.16	0.14
RIA-40 CSAE EXH (MRHR)	46489.00	47683.00	46593.00	47848.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME:14:57

DATE:04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	367.58	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	367.58	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	366.61	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	367.16	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	367.08	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	366.70	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	52.80	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	52.80	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	462.14	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	105.81	INCH	LOW	A1939	
15.	BORON CONC PPM	1381.81		GOOD	P0866	
16.	NI 1 SR FLUX	34.59	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1903	*
21.	CORE RC TEMP	366.91	DEGF	GOOD	P0458	
22.	CI H9 TEMP	366.79	DEGF	NORM	A0585	
23.	CI M9 TEMP	366.78	DEGF	NORM	A0599	
24.	CI F13 TEMP	367.00	DEGF	NORM	A0606	
25.	CI B7 TEMP	366.78	DEGF	NORM	A0614	
26.	CI C6 TEMP	366.78	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	54.16	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	54.35	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	143.38	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	144.55	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 14:57

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	252.12	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	40.25	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.39	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	99.62	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

DEM021

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 14:50

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	1.10	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	0.75	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	923.00	NO RIA	800.00
EL 783	RM 12 CHEM ADD AREA	MRHR	1.40	NO RIA	1.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	5.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	0.20	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	1.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	2.35	2.20	2.30
	RM 11 AUX CORR EL 796	MRHR	0.40	NO RIA	0.35
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	225.00	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.30	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	47159.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	412.85	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	N	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	745653.3	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	18.63	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	42.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	191.00	NO RIA	141.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	999	NO RIA	141
T.B. 5	RM 16 MS HDR A	MRHR	0.12	0.15	0.15
	RM 17 MS HDR B	MRHR	0.14	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

TIME: 15:08

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE: 04-14-38

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	350.70	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	350.70	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	349.65	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	350.19	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	350.19	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	349.79	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	67.58	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	67.58	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	455.15	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	105.90	INCH	LOW	A1939	
15.	BORON CONC PPM	1404.31		GOOD	P0866	
16.	NI 1 SR FLUX	33.85	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	350.01	DEGF	GOOD	P0458	
22.	CI H9 TEMP	349.89	DEGF	NORM	A0585	
23.	CI M9 TEMP	349.89	DEGF	NORM	A0599	
24.	CI F13 TEMP	350.08	DEGF	NORM	A0606	
25.	CI B7 TEMP	349.89	DEGF	NORM	A0614	
26.	CI C6 TEMP	349.89	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	52.87	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	53.04	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	111.42	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	112.44	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 15:08

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	243.77	GPM	NORM	A1233	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	39.87	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.09	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4091.86	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	98.24	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 15:00

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	1.00	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	0.85	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	754.00	NO RIA	800.00
EL 783	RM 12 CHEM ADD AREA	MRHR	1.51	NO RIA	1.39
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	4.39
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	0.15	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	0.93	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	2.20	2.00	2.30
	RM 11 AUX CORR EL 796	MRHR	0.35	NO RIA	0.35
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	210.00	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.32	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	47936.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	325.00	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	N	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	771431.1	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	19.28	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77380.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	37.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	215.00	NO RIA	149.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1015	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.12	0.15	0.15
	RM 17 MS HDR B	MRHR	0.18	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT #

***** METEOROLOGICAL DATA *****

TIME==> 15:00

AVG WIND SPEED MW TW	(MPH)	1.00	0.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	0.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	0.00	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	0.00	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	0.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	771431.10	0.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	19.28	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	0.00	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77380.00	0.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	37.00	0.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.12	0.00	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.18	0.00	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	47936.00	0.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR

TIME: 13:02

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	ON		ALRM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	155.60	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	239.44	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	45.54	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.08	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4083.98	VOLT	GOOD	A0893	
15.						
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CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	105.62	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
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ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
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***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 12:50

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	60800.00	NO RIA	1.40
EL 771	RM 13 WASTE CONTRL AREA	MRHR	15200.00	NO RIA	4.40
	RM 32 AUX BLDG AIR	CPM	N	NO RIA	37620.00
EL 783	RM 12 CHEM ADD AREA	MRHR	3800.00	NO RIA	7.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	35.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	276.00	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	608.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	608.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	608.00	608.00	2.80
	RM 11 AUX CORR EL 796	MRHR	760.00	NO RIA	65.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	937.11	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.98	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46998.30	1000.00	99999.00
	RM 41 SPENT FUEL BLDG AI	CPM	412.65	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	314.77	30.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	408.89	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	N	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	78730.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	40.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.10	0.15	0.15
	RM 17 MS HDR B	MRHR	0.16	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 13:08

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	532.93	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	532.55	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	531.85	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	532.22	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	532.21	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	531.82	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	65.13	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	65.42	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	1735.93	PSIG	NORM	A1416	
14.	RC PRZR LVL 1 CORR	142.69	INCH	LOW	A1939	
15.	BORON CONC PPM	973.02		GOOD	P0866	
16.	NI 1 SR FLUX	124.29	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	531.94	DEGF	GOOD	P0458	
22.	CI H9 TEMP	531.86	DEGF	NORM	A0585	
23.	CI M9 TEMP	531.81	DEGF	NORM	A0599	
24.	CI F13 TEMP	531.70	DEGF	NORM	A0606	
25.	CI B7 TEMP	531.81	DEGF	NORM	A0614	
26.	CI C6 TEMP	531.68	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	58.94	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	61.25	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	856.48	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	872.55	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME:13:08

UNIT #1

DATE:04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	99.31	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	45.14	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4095.49	VOLT	GOOD	A0893	
15.						
16.						
17.						
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CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	105.47	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
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ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
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39.						

***** THIS IS A DRILL *****
 OCONEE NUCLEAR STATION DATE: 04-14-88
 RADIATION MONITOR REPORT TIME: 13:00

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	57600.00	NO RIA	1.30
EL 771	RM 13 WASTE CONTRL AREA	MRHR	14400.00	NO RIA	3.60
	RM 32 AUX BLDG AIR	CPM	N	NO RIA	35641.00
EL 783	RM 12 CHEM ADD AREA	MRHR	3600.00	NO RIA	7.20
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	33.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	576.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	576.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	576.00	576.00	2.70
	RM 11 AUX CORR EL 796	MRHR	720.00	NO RIA	60.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	932.85	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.94	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46419.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	413.26	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	12180.48	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	89209.00	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	2.22	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	33.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.10	0.15	0.15
	RM 17 MS HDR B	MRHR	0.17	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

TIME==> 13:00

AVG WIND SPEED MW TW	(MPH)	1.00	0.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	0.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	0.00	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	0.00	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	0.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	12180.48	0.00	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	89209.00	0.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	0.00	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	0.00	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77060.00	0.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	33.00	0.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.10	0.00	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.17	0.00	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	46419.00	0.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC

RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 13:18

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	515.64	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	515.56	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	515.03	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	515.20	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	515.20	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	515.06	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	48.91	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	48.98	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	1388.44	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	126.74	INCH	LOW	A1939	
15.	BORON CONC PPM	1039.92		GOOD	P0866	
16.	NI 1 SR FLUX	100.39	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	515.16	DEGF	GOOD	P0458	
22.	CI H9 TEMP	515.13	DEGF	NORM	A0585	
23.	CI M9 TEMP	515.13	DEGF	NORM	A0599	
24.	CI F13 TEMP	515.19	DEGF	NORM	A0606	
25.	CI B7 TEMP	515.10	DEGF	NORM	A0614	
26.	CI C6 TEMP	515.10	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	54.33	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	56.68	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	755.30	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	764.11	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME:13:18

UNIT #1

DATE:04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	210.92	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	44.54	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4095.34	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	104.43	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 13:10

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	38400.00	NO RIA	1.20
EL 771	RM 13 WASTE CONTRL AREA	MRHR	9600.00	NO RIA	2.40
	RM 32 AUX BLDG AIR	CPM	238150.0	NO RIA	23760.00
EL 783	RM 12 CHEM ADD AREA	MRHR	2400.00	NO RIA	4.80
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	20.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	384.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	384.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	384.00	384.00	2.30
	RM 11 AUX CORR EL 796	MRHR	480.00	NO RIA	36.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	816.54	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.70	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46398.00	1000.00	100000.0
	RM 41 SPENT FUEL BLDG AI	CPM	413.00	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	35810.89	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	178100.0	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	N	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	37.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.09	0.15	0.15
	RM 17 MS HDR B	MRHR	0.14	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
T.B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1983

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	13:15	13:00		
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

		45000.00	45000.00	0.00	0.00
UNIT VENT FLOW	(CFM)	45000.00	45000.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	35810.89	12180.48	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	178100.00	89209.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	0.00	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	262.14	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77060.00	77060.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	37.00	33.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.09	0.10	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.14	0.17	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	46393.00	46419.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 13:28

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	503.71	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	503.52	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	503.11	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	503.16	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	503.16	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	502.68	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	34.39	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	34.48	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	1146.60	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	121.05	INCH	LOW	A1939	
15.	BORON CONC PPM	1092.18		GOOD	P0866	
16.	NI 1 SR FLUX	84.27	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	502.93	DEGF	GOOD	P0458	
22.	CI H9 TEMP	502.84	DEGF	NORM	A0585	
23.	CI M9 TEMP	502.81	DEGF	NORM	A0599	
24.	CI F13 TEMP	502.65	DEGF	NORM	A0606	
25.	CI B7 TEMP	502.81	DEGF	NORM	A0614	
26.	CI C6 TEMP	502.69	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	50.36	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	51.27	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	671.89	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	670.40	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
2.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME:13:28

UNIT #1

DATE:04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	231.92	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	44.02	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4095.22	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	103.20	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 13:20

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=====
ELEV**  DESCRIPTION***** UNITS  UNIT-1  UNIT-2  UNIT-3
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EL 758	RM 15 AUX CORR EL 758	MRHR	28480.00	NO RIA	1.10
EL 771	RM 13 WASTE CONTRL AREA	MRHR	7120.00	NO RIA	1.80
	RM 32 AUX BLDG AIR	CPM	176770	NO RIA	17623.00
EL 783	RM 12 CHEM ADD AREA	MRHR	1780.00	NO RIA	3.60
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	14.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	284.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	284.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	284.00	284.00	2.30
	RM 11 AUX CORR EL 796	MRHR	356.00	NO RIA	24.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	746.18	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.58	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	47132.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	412.97	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	92382.48	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	426987.0	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	10.67	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	42.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.11	0.15	0.15
	RM 17 MS HDR B	MRHR	0.16	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

TIME: 13:38

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	488.90	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	488.76	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	488.33	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	488.40	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	488.40	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	487.96	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	28.34	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	28.39	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	975.19	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	130.54	INCH	LOW	A1939	
15.	BORON CONC PPM	1144.11		GOOD	P0866	
16.	NI 1 SR FLUX	71.29	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL PURPOSES		A1903	*
21.	CORE RC TEMP	488.18	DEGF	GOOD	P0458	
22.	CI H9 TEMP	488.09	DEGF	NORM	A0585	
23.	CI M9 TEMP	488.07	DEGF	NORM	A0599	
24.	CI F13 TEMP	487.94	DEGF	NORM	A0606	
25.	CI B7 TEMP	488.07	DEGF	NORM	A0614	
26.	CI C6 TEMP	487.95	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	46.72	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	47.00	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	585.39	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	584.81	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEMO20

OCONEE NUCLEAR SIMULATOR

TIME:13:38

UNIT #1

DATE:04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	245.47	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	43.46	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4095.16	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	101.86	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 13:30

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=====
ELEV** DESCRIPTION***** UNITS  UNIT-1  UNIT-2  UNIT-3
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EL 758	RM 15 AUX CORR EL 758	MRHR	17920.00	NO RIA	1.10
EL 771	RM 13 WASTE CONTRL AREA	MRHR	4480.00	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	111480.0	NO RIA	11089.00
EL 783	RM 12 CHEM ADD AREA	MRHR	1120.00	NO RIA	2.20
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	14.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	179.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	180.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	179.00	179.00	2.30
	RM 11 AUX CORR EL 796	MRHR	224.00	NO RIA	12.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	658.22	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.44	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46201.00	1000.00	100000.0
	RM 41 SPENT FUEL BLDG AI	CPM	412.86	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	203307.0	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	837653.3	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	20.93	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	40.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	990	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.19	0.15	0.15
	RM 17 MS HDR B	MRHR	0.14	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
T.B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	13:30	13:15	13:00	
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	1.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	230.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	21.10	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	1.76	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	45000.00	45000.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	203307.00	35810.89	12180.48	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	837653.30	178100.00	89209.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	20.93	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	262.14	262.14	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77060.00	77060.00	77060.00	0.00
RIA-51 PENT RM GAS	(CPM)	40.00	37.00	33.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.19	0.09	0.10	0.00
RIA-17 MS HDR B	(MRHR)	0.14	0.14	0.17	0.00
RIA-40 CSAE EXH	(MRHR)	46201.00	46398.00	46419.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 13:48

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	474.73	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	474.68	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	474.19	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	474.23	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	474.23	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	473.74	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	29.02	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	29.04	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	875.42	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	153.04	INCH	LOW	A1939	
15.	BORON CONC PPM	1193.42		GOOD	P0866	
16.	NI 1 SR FLUX	62.34	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	474.05	DEGF	GOOD	P0458	
22.	CI H9 TEMP	474.07	DEGF	NORM	A0585	
23.	CI M9 TEMP	473.94	DEGF	NORM	A0599	
24.	CI F13 TEMP	473.69	DEGF	NORM	A0606	
25.	CI B7 TEMP	473.94	DEGF	NORM	A0614	
26.	CI C6 TEMP	473.94	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2039	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	43.64	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	43.61	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	510.74	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	510.50	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 13:48

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	181.68	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	42.89	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4095.89	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	101.01	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88

TIME: 13:40

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	7360.00	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	1840.00	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	23450.00	NO RIA	4555.00
EL 783	RM 12 CHEM ADD AREA	MRHR	460.00	NO RIA	1.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	5.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	73.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	75.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	73.00	70.00	2.30
	RM 11 AUX CORR EL 796	MRHR	92.00	NO RIA	9.00
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	PM 37 GWD EFF LR	CPM	632.34	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.30	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46593.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	413.66	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	314290.4	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	838097.8	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	20.94	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	30.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1001	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.09	0.15	0.15
	RM 17 MS HDR B	MRHR	0.17	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	13:45	13:30	13:15	13:00
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	1.00	1.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	230.00	230.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	21.10	21.10
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	1.76	1.76
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	45000.00	45000.00	45000.00
RIA-44 UNIT VENT IODINE	(CPM)	314290.40	203307.00	35810.39	12180.48
RIA-45 UNIT VENT GAS LR	(CPM)	838097.80	837653.30	178100.00	89209.00
RIA-46 UNIT VENT GAS HR	(CPM)	20.94	20.93	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	262.14	262.14	262.14
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77060.00	77060.00	77060.00	77060.00
RIA-51 PENT RM GAS	(CPM)	30.00	40.00	37.00	33.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.09	0.19	0.09	0.10
RIA-17 MS HDR B	(MRHR)	0.17	0.14	0.14	0.17
RIA-40 CSAE EXH	(MRHR)	46593.00	46201.00	46398.00	46419.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC
RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

TIME: 13:58

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	461.05	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	460.84	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	459.97	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	460.46	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	460.46	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	460.18	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	25.19	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	25.34	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	760.65	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	161.89	INCH	LOW	A1939	
15.	BORON CONC PPM	1234.22		GOOD	P0866	
16.	NI 1 SR FLUX	54.88	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR DRILL PURPOSES			A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR DRILL PURPOSES			A1903	*
21.	CORE RC TEMP	460.31	DEGF	GOOD	P0458	
22.	CI H9 TEMP	460.30	DEGF	NORM	A0585	
23.	CI M9 TEMP	460.31	DEGF	NORM	A0599	
24.	CI F13 TEMP	460.55	DEGF	NORM	A0606	
25.	CI B7 TEMP	460.31	DEGF	NORM	A0614	
26.	CI C6 TEMP	460.25	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	40.48	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	40.78	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	440.62	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	443.93	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 13:58

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	174.77	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	42.40	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.68	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	102.57	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 13:50

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=====
ELEV** DESCRIPTION***** UNITS UNIT-1 UNIT-2 UNIT-3
=====
EL 758 RM 15 AUX CORR EL 758 MRHR 2688.00 NO RIA 1.00
EL 771 RM 13 WASTE CONTRL AREA MRHR 672.00 NO RIA 1.10
      RM 32 AUX BLDG AIR CPM 17282.00 NO RIA 1664.00
EL 783 RM 12 CHEM ADD AREA MRHR 168.00 NO RIA 1.50
      RM 19 LDY AND HOT SWR TK MRHR NO RIA NO RIA 5.00
      RM 36 RC LETDN CPM N N N
EL 796 RM 04 RB ENTRANCE MRHR 262.14 12.00 11.00
      RM 07 MACHINE SHOP MRHR N NO RIA NO RIA
      RM 08 HOT LAB MRHR 25.00 NO RIA NO RIA
      RM 09 LO LVL DRUMMING MRHR 27.00 NO RIA NO RIA
      RM 10 SMPL AREA MRHR 27.00 25.00 2.30
      RM 11 AUX CORR EL 796 MRHR 35.00 NO RIA 3.30
EL 809 RM 05 INCORE HANDLING AR MRHR N N N
      RM 37 GWD EFF LR CPM 618.21 NO RIA 150.00
      RM 38 GWD EFF HR CPM N NO RIA N
EL 822 RM 01 CONTRL ROOM MRHR 0.30 NO RIA 0.30
EL 838 RM 02 MAIN BRIDGE MRHR N N N
      RM 03 AUX BRIDGE MRHR N N N
      RM 06 SPENT FUEL BRIDGE MRHR 1.00 NO RIA 1.11
      RM 39 CONTRL RM VENT CPM 60.00 NO RIA 40.00
      RM 40 CSAE EXH CPM 47898.00 1000.00 100000
      RM 41 SPENT FUEL BLDG AI CPM 413.82 NO RIA 40.00
      RM 43 UNIT VENT PARTICUL CPM N 5000.00 7000.00
      RM 44 UNIT VENT IODINE CPM 415097.2 80.00 1000.00
      RM 45 UNIT VENT GAS LR CPM 761208.9 500.00 800.00
      RM 46 UNIT VENT GAS HR CPM 19.00 N N
      RM 47 RB PARTICULATE CPM N 8000.00 10000.00
      RM 48 RB IODINE CPM N 10000.00 15000.00
      RM 49 RB GAS CPM 77060.00 2000.00 10000.00
      RM 51 PENT RM GAS CPM 38.00 125.00 30.00
T.B. 1 RM 31 LPSW CLR DISCH CPM N NO RIA N
      RM 35 LPSW AUX BLDG DISC CPM N N N
      RM 42 RECIRC CLING WTR CPM 200.00 NO RIA 175.00
      RM 52 INTERIM LWD EFF MRHR N NO RIA NO RIA
      RM 54 T.B. SUMP CPM 1025 NO RIA 150
T.B. 5 RM 16 MS HDR A MRHR 0.10 0.15 0.15
      RM 17 MS HDR B MRHR 0.16 0.15 0.15
      RM 33 LIQ WASTE EFF LR CPM 10000.00 NO RIA NO RIA
      RM 34 LIQ WASTE EFF HR CPM N NO RIA NO RIA
B. RM 57 CONTAINMENT MON B R/HR
    RM 58 CONTAINMENT MON A R/HR

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DEM022

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 14:07

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	447.33	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	447.33	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	446.34	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	446.86	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	446.86	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	446.63	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	29.92	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	29.92	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	710.30	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	103.80	INCH	LOW	A1939	
15.	BORON CONC PPM	1253.22		GOOD	P0366	
16.	NI 1 SR FLUX	50.66	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	446.66	DEGF	GOOD	P0458	
22.	CI H9 TEMP	446.55	DEGF	NORM	A0585	
23.	CI M9 TEMP	446.52	DEGF	NORM	A0599	
24.	CI F13 TEMP	446.91	DEGF	NORM	A0606	
25.	CI B7 TEMP	446.52	DEGF	NORM	A0614	
26.	CI C6 TEMP	446.52	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	39.86	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	39.93	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	381.83	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	384.15	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 14:07

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	337.29	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	42.14	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.17	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	103.10	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 14:00

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	385.00	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	96.00	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	3226.00	NO RIA	978.00
EL 783	RM 12 CHEM ADD AREA	MRHR	24.00	NO RIA	1.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	5.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	4.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	4.00	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	6.10	6.10	2.30
	RM 11 AUX CORR EL 796	MRHR	4.80	NO RIA	0.35
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	578.43	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.30	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	47848.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	412.78	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	515727.7	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	759875.6	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	18.99	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	42.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.12	0.15	0.15
	RM 17 MS HDR B	MRHR	0.14	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DEM022

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT #

***** METEOROLOGICAL DATA *****

TIME==> 14:00

AVG WIND SPEED MW TW	(MPH)	1.00	0.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	0.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	0.00	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	0.00	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	0.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	515727.70	0.00	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	759875.60	0.00	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	18.99	0.00	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	0.00	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77060.00	0.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	42.00	0.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.12	0.00	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.14	0.00	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	47848.00	0.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC

RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

OCONEE NUCLEAR SIMULATOR
UNIT #1

TIME: 14:17

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	431.27	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	431.17	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	430.31	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	430.79	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	430.79	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	430.42	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	37.79	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	37.89	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	665.51	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	104.83	INCH	LOW	A1939	
15.	BORON CONC PPM	1285.00		GOOD	P0866	
16.	NI 1 SR FLUX	46.47	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	430.54	DEGF	GOOD	P0458	
22.	CI H9 TEMP	430.44	DEGF	NORM	A0585	
23.	CI M9 TEMP	430.44	DEGF	NORM	A0599	
24.	CI F13 TEMP	430.71	DEGF	NORM	A0606	
25.	CI B7 TEMP	430.44	DEGF	NORM	A0614	
26.	CI C6 TEMP	430.44	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	39.16	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	39.35	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	321.58	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	323.23	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 14:17

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	275.05	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	41.72	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.33	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	103.07	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 14:10

ELEV**	DESCRIPTION*****	UNITS	UNIT-1	UNIT-2	UNIT-3
EL 758	RM 15 AUX CORR EL 758	MRHR	284.00	NO RIA	1.00
EL 771	RM 13 WASTE CONTRL AREA	MRHR	71.00	NO RIA	1.10
	RM 32 AUX BLDG AIR	CPM	2382.00	NO RIA	800.00
EL 783	RM 12 CHEM ADD AREA	MRHR	17.80	NO RIA	1.50
	RM 19 LDY AND HOT SWR TK	MRHR	NO RIA	NO RIA	5.00
	RM 36 RC LETDN	CPM	N	N	N
EL 796	RM 04 RB ENTRANCE	MRHR	262.14	12.00	11.00
	RM 07 MACHINE SHOP	MRHR	N	NO RIA	NO RIA
	RM 08 HOT LAB	MRHR	3.00	NO RIA	NO RIA
	RM 09 LO LVL DRUMMING	MRHR	3.40	NO RIA	NO RIA
	RM 10 SMPL AREA	MRHR	5.10	5.10	2.30
	RM 11 AUX CORR EL 796	MRHR	3.60	NO RIA	0.35
EL 809	RM 05 INCORE HANDLING AR	MRHR	N	N	N
	RM 37 GWD EFF LR	CPM	543.87	NO RIA	150.00
	RM 38 GWD EFF HR	CPM	N	NO RIA	N
EL 822	RM 01 CONTRL ROOM	MRHR	0.30	NO RIA	0.30
EL 838	RM 02 MAIN BRIDGE	MRHR	N	N	N
	RM 03 AUX BRIDGE	MRHR	N	N	N
	RM 06 SPENT FUEL BRIDGE	MRHR	1.00	NO RIA	1.11
	RM 39 CONTRL RM VENT	CPM	60.00	NO RIA	40.00
	RM 40 CSAE EXH	CPM	46593.00	1000.00	100000
	RM 41 SPENT FUEL BLDG AI	CPM	413.09	NO RIA	40.00
	RM 43 UNIT VENT PARTICUL	CPM	N	5000.00	7000.00
	RM 44 UNIT VENT IODINE	CPM	616652.2	80.00	1000.00
	RM 45 UNIT VENT GAS LR	CPM	762097.8	500.00	800.00
	RM 46 UNIT VENT GAS HR	CPM	19.04	N	N
	RM 47 RB PARTICULATE	CPM	N	8000.00	10000.00
	RM 48 RB IODINE	CPM	N	10000.00	15000.00
	RM 49 RB GAS	CPM	77060.00	2000.00	10000.00
	RM 51 PENT RM GAS	CPM	40.00	125.00	30.00
T.B. 1	RM 31 LPSW CLR DISCH	CPM	N	NO RIA	N
	RM 35 LPSW AUX BLDG DISC	CPM	N	N	N
	RM 42 RECIRC CLING WTR	CPM	200.00	NO RIA	175.00
	RM 52 INTERIM LWD EFF	MRHR	N	NO RIA	NO RIA
	RM 54 T.B. SUMP	CPM	1000	NO RIA	150
T.B. 5	RM 16 MS HDR A	MRHR	0.10	0.15	0.15
	RM 17 MS HDR B	MRHR	0.16	0.15	0.15
	RM 33 LIQ WASTE EFF LR	CPM	10000.00	NO RIA	NO RIA
	RM 34 LIQ WASTE EFF HR	CPM	N	NO RIA	NO RIA
R. B.	RM 57 CONTAINMENT MON B	R/HR			
	RM 58 CONTAINMENT MON A	R/HR			

DATE: 04-14-1988

DOSE ASSESMENT DATA SHEET

OCONEE NUCLEAR STATION

UNIT

***** METEOROLOGICAL DATA *****

	TIME==>	14:15	14:00		
AVG WIND SPEED MW TW	(MPH)	1.00	1.00	0.00	0.00
AVG WIND DIR MW TW	(DEG)	230.00	230.00	0.00	0.00
AVG AMBIENT AIR TEMP	(DEGC)	21.10	21.10	0.00	0.00
AVG DELTA TEMP MW TW	(DEGC)	1.76	1.76	0.00	0.00
AVG WIND SPEED RV SITE	(MPH)	0.00	0.00	0.00	0.00
AVG WIND DIR RV SITE	(DEG)	0.00	0.00	0.00	0.00

***** UNIT VENT DATA *****

UNIT VENT FLOW	(CFM)	45000.00	45000.00	0.00	0.00
RIA-44 UNIT VENT IODINE	(CPM)	616652.20	515727.70	0.00	0.00
RIA-45 UNIT VENT GAS LR	(CPM)	762097.80	759875.60	0.00	0.00
RIA-46 UNIT VENT GAS HR	(CPM)	19.04	18.99	0.00	0.00
RIA-56 VENT GROSS GAMMA	(R/HR)	0.00	0.00	0.00	0.00

***** REACTOR BUILDING RELEASE DATA *****

RIA-57 CONT. MONITOR-B	(R/HR)				
RIA-58 CONT. MONITOR-A	(R/HR)				
RIA-04 RX BLDG ENTRANCE	(MRHR)	262.14	262.14	0.00	0.00
RIA-47 RB PARTICULATE	(CPM)	0.00	0.00	0.00	0.00
RIA-48 RB IODINE	(CPM)	0.00	0.00	0.00	0.00
RIA-49 RB GAS	(CPM)	77060.00	77060.00	0.00	0.00
RIA-51 PENT RM GAS	(CPM)	40.00	42.00	0.00	0.00

***** UNIT STEAM RELEASE DATA *****

RIA-16 MS HDR A	(MRHR)	0.10	0.12	0.00	0.00
RIA-17 MS HDR B	(MRHR)	0.16	0.14	0.00	0.00
RIA-40 CSAE EXH	(MRHR)	46593.00	47848.00	0.00	0.00

CONCENTRATION FACTORS BASED ON A DELTA TEMP OF 1.76 DEGC

RESULTS BASED ON A WIND SPEED OF 1.00 MPH

MILES==>	1	2	3	4	5
FACTORS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03
RESULTS=>	0.110D-02	0.560D-03	0.360D-03	0.260D-03	0.200D-03

MILES==>	6	7	8	9	10
FACTORS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04
RESULTS=>	0.160D-03	0.130D-03	0.110D-03	0.960D-04	0.830D-04

TIME: 14:27

OCONEE NUCLEAR SIMULATOR
UNIT #1

DATE: 04-14-88

PRIMARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	RC PUMP A1	ON		NORM	D2306	
2.	RC PUMP A2	OFF		NORM	D2307	
3.	RC PUMP B1	OFF		NORM	D2308	
4.	RC PUMP B2	ON		NORM	D2309	
5.	RC HOT LEG A WR TEMP	415.88	DEGF	NORM	A1632	
6.	RC HOT LEG B WR TEMP	415.85	DEGF	NORM	A1633	
7.	RC COLD LEG A1 WR TEMP	414.96	DEGF	GOOD	A1639	
8.	RC COLD LEG A2 WR TEMP	415.45	DEGF	GOOD	A1637	
9.	RC COLD LEG B1 WR TEMP	415.45	DEGF	GOOD	A1047	
10.	RC COLD LEG B2 WR TEMP	415.17	DEGF	GOOD	A1495	
11.	RCS LOOP A SAT TEMP MARG	35.97	DEGF	GOOD	P0793	
12.	RCS LOOP B SAT TEMP MARG	36.00	DEGF	GOOD	P0794	
13.	RC LOOP A WR PRESS 1	583.56	PSIG	LOW	A1416	
14.	RC PRZR LVL 1 CORR	105.52	INCH	LOW	A1939	
15.	BORON CONC PPM	1311.94		GOOD	P0866	
16.	NI 1 SR FLUX	43.15	CPS	GOOD	A1536	
17.	NI 3 IR FLUX MICRO AMPS	.00	UAMP	GOOD	A1540	
18.	NI 5 PR FLUX	.00	PCT	NORM	A1544	
19.	RC LOOP A CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1902	*
20.	RC LOOP B CLNT FLOW	NOMINAL FOR	DRILL	PURPOSES	A1903	*
21.	CORE RC TEMP	415.25	DEGF	GOOD	P0458	
22.	CI H9 TEMP	415.16	DEGF	NORM	A0585	
23.	CI M9 TEMP	415.16	DEGF	NORM	A0599	
24.	CI F13 TEMP	415.42	DEGF	NORM	A0606	
25.	CI B7 TEMP	415.16	DEGF	NORM	A0614	
26.	CI C6 TEMP	415.16	DEGF	NORM	A0615	
27.	LP RB LVL TR A	3.00	FEET	GOOD	A1565	
28.					A2087	
29.					A2089	
30.						

SECONDARY COOLANT SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
31.	FDW SG A FULL LVL	59.36	INCH	GOOD	A1026	
32.	FDW SG B FULL LVL	59.61	INCH	GOOD	A1031	
33.	MS STM GEN A PRESS 1	270.47	PSIG	GOOD	A1470	
34.	MS STM GEN B PRESS 2	271.93	PSIG	GOOD	A1467	
35.	FDW FLOW A COMP+SEL	.00	PPH	GOOD	A1563	
36.	FDW FLOW B COMP+SEL	.00	PPH	GOOD	A1564	
37.	EMR FDW FLOW TO SG A	0.00	GPM	GOOD	A1644	*
38.	EMR FDW FLOW TO SG B	0.00	GPM	GOOD	A1758	*
39.	C UST LVL	15.00	FEET	HIGH	A0158	
40.						
41.						
42.						

DEM020

OCONEE NUCLEAR SIMULATOR

TIME: 14:27

UNIT #1

DATE: 04-14-88

SAFETY INJECTION SYSTEM

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
1.	LP PUMP A	OFF		NORM	D2214	
2.	LP PUMP B	OFF		NORM	D2215	
3.	LP PUMP C	OFF		NORM	D2216	
4.	HP PUMP A	ON		NORM	D2125	
5.	HP PUMP B	OFF		NORM	D2127	
6.	HP PUMP C	OFF		NORM	D2129	
7.	HP LETDN FLOW	.00	GPM	GOOD	A1044	
8.	HP LOOP A INJ FLOW	259.04	GPM	NORM	A1238	
9.	HP LOOP B INJ FLOW	.00	GPM	NORM	A1239	
10.	LP LOOP A INJ FLOW	.00	GPM	NORM	A1310	
11.	LP LOOP B INJ FLOW	.00	GPM	NORM	A1311	
12.	LP BWST LVL	41.33	FEET	LOW	A1308	
13.	EL 4KV BUS B1-1 VOLTS	4.10	VOLT	GOOD	A0892	
14.	EL 4KV BUS B2-1 VOLTS	4096.39	VOLT	GOOD	A0893	
15.						
16.						
17.						
18.						

CONTAINMENT SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
19.	REACTOR BLDG PRESS CH A	0.35	PSIG	GOOD	A1011	*
20.	RBV CRD AREA TEMP	102.55	DEGF	NORM	A0006	
21.	LP RB EMR SUMP LVL	3.00	INCH	HIGH	A0050	
22.	% RB H2 INST. A	.00	PCT	NORM	A1208	
23.	LWD RB NOR SUMP LVL	24.00	INCH	GOOD	A0049	
24.						
25.						
26.						

ENVIRONMENTAL SYSTEMS

	DESCRIPTION	VALUE	UNITS	STATUS	COMP	ID
27.	AVG MC WIND SPD MW TW	6.37	MPH	SPAR	P0158	*
28.	AVG MC WIND DIR MWTW	232.42	DEG	SPAR	P0156	*
29.	AVG MC WIND SPD RV SITE	-14.87	MPH	SPAR	P0159	*
30.	AVG MC WINF DIR RV SITE	224.60	DEG	SPAR	P0157	*
31.	AVG MC DELT TEMP	-0.65	DEGC	SPAR	P0160	*
32.	AVG MC DEWPOINT TEMP	21.37	DEGC	SPAR	P0161	*
33.	AVG MC AMBIENT AIR TEMP	29.49	DEGC	SPAR	P0162	*
34.	MC PRECIP	-0.25	INCH	GOOD	A1022	*
35.	MC AMBIENT AIR TEMP	29.77	DEGC	GOOD	A1023	*
36.	MC DELT TEMP	-0.63	DEGC	GOOD	A1020	*
37.						
38.						
39.						

***** THIS IS A DRILL *****

OCONEE NUCLEAR STATION
RADIATION MONITOR REPORT

DATE: 04-14-88
TIME: 14:20

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ELEV**  DESCRIPTION***** UNITS  UNIT-1  UNIT-2  UNIT-3

EL 758  RM 15 AUX CORR EL 758  MRHR    41.60    NO RIA    1.00

EL 771  RM 13 WASTE CONTRL AREA  MRHR    10.00    NO RIA    1.10
        RM 32 AUX BLDG AIR      CPM   1630.00    NO RIA    800.00

EL 783  RM 12 CHEM ADD AREA      MRHR     2.60    NO RIA    1.50
        RM 19 LDY AND HOT SWR TK MRHR    NO RIA    NO RIA    5.00
        RM 36 RC LETDN          CPM        N        N        N

EL 796  RM 04 RB ENTRANCE        MRHR   262.14    12.00    11.00
        RM 07 MACHINE SHOP      MRHR        N    NO RIA    NO RIA
        RM 08 HOT LAB           MRHR     0.10    NO RIA    NO RIA
        RM 09 LO LVL DRUMMING   MRHR     1.00    NO RIA    NO RIA
        RM 10 SMPL AREA         MRHR     2.24        N    2.30
        RM 11 AUX CORR EL 796  MRHR     0.60    NO RIA    0.35

EL 809  RM 05 INCORE HANDLING AR MRHR        N        N        N
        RM 37 GWD EFF LR        CPM   495.26    NO RIA    150.00
        RM 38 GWD EFF HR        CPM        N    NO RIA        N

EL 822  RM 01 CONTRL ROOM        MRHR     0.25    NO RIA    0.30

EL 838  RM 02 MAIN BRIDGE        MRHR        N        N        N
        RM 03 AUX BRIDGE        MRHR        N        N        N
        RM 06 SPENT FUEL BRIDGE MRHR     1.00    NO RIA    1.11
        RM 39 CONTRL RM VENT    CPM    60.00    NO RIA    40.00
        RM 40 CSAE EXH          CPM  47538.00  1000.00  100000
        RM 41 SPENT FUEL BLDG AI CPM    413.14    NO RIA    40.00
        RM 43 UNIT VENT PARTICUL CPM        N    5000.00  7000.00
        RM 44 UNIT VENT IODINE   CPM  716164.9    80.00    1000.00
        RM 45 UNIT VENT GAS LR   CPM  751431.1    500.00    800.00
        RM 46 UNIT VENT GAS HR   CPM    18.78        N        N
        RM 47 RB PARTICULATE     CPM        N    8000.00  10000.00
        RM 48 RB IODINE          CPM        N    10000.00  15000.00
        RM 49 RB GAS             CPM  77060.00  2000.00  10000.00
        RM 51 PENT RM GAS        CPM    45.00    125.00    30.00

T.B. 1  RM 31 LPSW CLR DISCH     CPM        N    NO RIA        N
        RM 35 LPSW AUX BLDG DISC CPM        N        N        N
        RM 42 RECIRC CLING WTR   CPM   200.00    NO RIA    175.00
        RM 52 INTERIM LWD EFF    MRHR        N    NO RIA    NO RIA
        RM 54 T.B. SUMP          CPM   1100    NO RIA    135

T.B. 5  RM 16 MS HDR A           MRHR     0.10    0.15    0.15
        RM 17 MS HDR B           MRHR     0.14    0.15    0.15
        RM 33 LIQ WASTE EFF LR   CPM  10000.00    NO RIA    NO RIA
        RM 34 LIQ WASTE EFF HR   CPM        N    NO RIA    NO RIA

R. B.   RM 57 CONTAINMENT MON B  R/HR
        RM 58 CONTAINMENT MON A  R/HR
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DEM022

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
RADIATION INFORMATION ALARMS (RIA)

Page 1 of 6

RIA #	UNIT #	TYPE	RANGE	FUNCTION	LOCATION	CLASS
1	1, 3	Ion Chamber	.1-10 ⁷ mr/hr	Control Room	Control Room	Area
2	1, 2, 3	Ion Chamber	.1-10 ⁷ mr/hr	Main Bridge	Main Fuel Bridge Reactor Building	Area
3	1, 2, 3	Ion Chamber	.1-10 ⁷ mr/hr	Auxiliary Bridge	Auxiliary Fuel Bridge Reactor Building	Area
4	1, 2, 3	Ion Chamber	.1-10 ⁷ mr/hr	Reactor Building Entrance	Personnel Hatch	Area
5	1, 2, 3	Ion Chamber	.1-10 ⁷ mr/hr	Incore Tank	Outside Incore Tank Hatch	Area
6	1, 3	Ion Chamber	.1-10 ⁷ mr/hr	Spent Fuel Bridge	Spent Fuel Pool Bridge	Area
7	1	Ion Chamber	.1-10 ⁷ mr/hr	Hot Machine Shop	East Wall	Area
8	1	Ion Chamber	.1-10 ⁷ mr/hr	Hot Lab (Chemistry)	Hot Chemistry Lab	Area
9	1	Ion Chamber	.1-10 ⁷ mr/hr	Low Level Drimming	Low Level Drimming Room	Area
10	1, 2, 3	Ion Chamber	.1-10 ⁷ mr/hr	Sample Hood (Primary)	Sample Head (Primary)	Area
11	1, 3	Ion Chamber	.1-10 ⁷ mr/hr	Corridor 796' (3rd Level)	1&2 - Unit 1&2 Change Room 3 - Unit 3 Change Room	Area

Major Revision

H-13

Revision 87-4
December, 1987

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
RADIATION INFORMATION ALARMS (RIA)

Page 2 of 6

RIA #	UNIT #	TYPE	RANGE	FUNCTION	LOCATION	CLASS
12	1, 3	Ion Chamber	.1-10 ⁷ mr/hr	Chem Addition	Unit 1&2 or Unit 3 Mix Tank	Area
13	1, 3	Ion Chamber	.1-10 ⁷ mr/hr	Waste Disposal Sink	Waste Disposal Tank	Area
14	1	Ion Chamber	.1-10 ⁷ mr/hr	High Level Drumming	High Level Drumming Room	Area
15	1, 3	Ion Chamber	.1-10 ⁷ mr/hr	High Pressure Injection (HPI)	HPI Room Unit 1&2 or Unit 3	Area
16	1, 2, 3	GM	.01-10 ³ mr/hr	Monitor Activity in Main Steam Line A	A Main Steam Line Unit 1, 2 or 3	Area
17	1, 2, 3	GM	.01-10 ³ mr/hr	Monitor Activity in Main Steam Line B	B Main Steam Line Unit 1, 2 or 3	Area
18	---	GM	0-500CPM 0-5kCPM 0-50kCPM	Visitors Center	Visitors Center	Area
19	3	Ion Chamber	.1-10 ⁷ mr/hr	Laundry and Hot Shower Holding Tank	Laundry and Hot Shower Holding Tank	Area
21	3	Ion Chamber	.1-10 ⁷ mr/hr	Interim Radwaste Evaporator	Interim Radwaste Evaporator Room	Area

Major Revision

H-14

Revision 87-4
December, 1987

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
RADIATION INFORMATION ALARMS (RIA)

Page 3 of 6

RIA #	UNIT #	TYPE	RANGE	FUNCTION	LOCATION	CLASS
22	3	Ion Chamber	.1-10 ⁷ mr/hr	High and Low Waste Tank	Interim Radwaste Evaporator Room	Area
23	3	Ion Chamber	.1-10 ⁷ mr/hr	Evaporator Control Panel	Interim Radwaste	Area
31	1,3	NaI	10-10 ⁶ CPM	Low Pressure Service Water Discharge (LPSW)	Behind Air Compressors	Effluent
32	1,3	Plastic Beta	10-10 ⁶ CPM	Auxiliary Building Gas	1st Floor Across From Spent Resin Storage Tank	Area
33	---	NaI	10-10 ⁶ CPM	Liquid Waste Disposal-Normal	5th Floor Turbine Building	Effluent
34	---	GM	10-10 ⁶ CPM	Liquid Waste Disposal-High	5th Floor Turbine Building	Effluent
35	1,2,3	NaI	10-10 ⁶ CPM	Low Pressure Service Water Discharge from Aux. Bldg. (LPSW)	Behind Air Compressors	Effluent
36	1,2,3	NaI	10-10 ⁶ CPM	Reactor Coolant Letdown	Behind Chem Addition Pumps	System
37	1,3	Plastic Beta	10-10 ⁶ CPM	Waste Disposal Gas-Normal	4th Floor Penetration Room Beside Elevator	Effluent

Major Revision

H-15

Revision 87-4
December, 1987

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
RADIATION INFORMATION ALARMS (RIA)

Page 4 of 6

RIA #	UNIT #	TYPE	RANGE	FUNCTION	LOCATION	CLASS
38	1, 3	GM	10-10 ⁶ CPM	Waste Disposal Gas-High	4th Floor Penetration Room Beside Elevator	Effluent
39	1, 3	Plastic Beta	10-10 ⁶ CPM	Control Room - Gas	6th Floor Behind Emergency Air Booster Pumps	Area
40	1, 2, 3	NaI	10-10 ⁶ CPM	Air Ejector Off Gas	Vent Stack	Effluent
41	1, 3	Plastic Beta	10-10 ⁶ CPM	Spent Fuel Building Gas	Entrance to Spent Fuel Pool Room	Area
42	1, 3	NaI	10-10 ⁶ CPM	Recirculating Cooling Water Return (RCW)	Behind Backwash Pumps	System
43	1, 2, 3	Plastic Beta	10-10 ⁶ CPM	Unit Vent Particu- lates	Cabinet in Vent Stack Room	Effluent
44	1, 2, 3	NaI	10-10 ⁶ CPM	Unit Vent Iodine	Cabinet in Vent Stack Room	Effluent
45	1, 2, 3	Plastic Beta	10-10 ⁶ CPM	Unit Vent Gas- Normal	Cabinet in Vent Stack Room	Effluent
46	1, 2, 3	GM	10-10 ⁶ CPM	Unit Vent Gas-High	Cabinet in Vent Stack Room	Effluent
47	1, 2, 3	Plastic Beta	10-10 ⁶ CPM	Reactor Building Particulate	Cabinet in Vent Stack Room	Effluent

Major Revision

H-16

Revision 87-4
December, 1987

DUKE POWER COMPANY
 OCONEE NUCLEAR STATION
 RADIATION INFORMATION ALARMS (RIA)

RIA #	UNIT #	TYPE	RANGE	FUNCTION	LOCATION	CLASS
48	1,2,3	NaI	10-10 ⁶ CPM	Reactor Building-Iodine	Cabinet in Vent Stack Room	Effluent
49	1,2,3	Plastic Beta	10-10 ⁶ CPM	Reactor Building-Gas	Cabinet in Vent Stack Room	Effluent
50	1,2,3	NaI	10-10 ⁶ CPM	Component Cooling Water (CCW)	Component Cooling Water Pump	System
51	1,2,3	GM	10-10 ⁶ CPM	Penetration Room Gas	Vent Stack Room	Effluent
52	1	NaI	10-10 ⁶ CPM	Recirc. Cooling Water Return From Interim Building Waste Disposal System	Behind Backwash Pumps	System
53	Interim Building	NaI	10-10 ⁶ CPM	Interim Building-Gas	Interim Building	Effluent
54	1,3	NaI	10-10 ⁶ CPM	Turbine Building Sump	Turbine Building Sump	Effluent

DUKE POWER COMPANY
 OCONEE NUCLEAR STATION
 RADIATION INFORMATION ALARMS (RIA)

RIA #	UNIT #	TYPE	RANGE	FUNCTION	LOCATION	CLASS
56	1,2,3	Ion Chamber	1-10 ⁷ R/hr	Vent Gas-Accident High Range	Midway-Vent Stack	Effluent
57	1,2,3	Coaxial Ion Chamber	1-10 ⁷ R/hr	Containment Moni- tor-High Range	Reactor Building	Area
58	1,2,3	Coaxial Ion Chamber	1-10 ⁷ R/hr	Containment Moni- tor-High Range	Reactor Building	Area

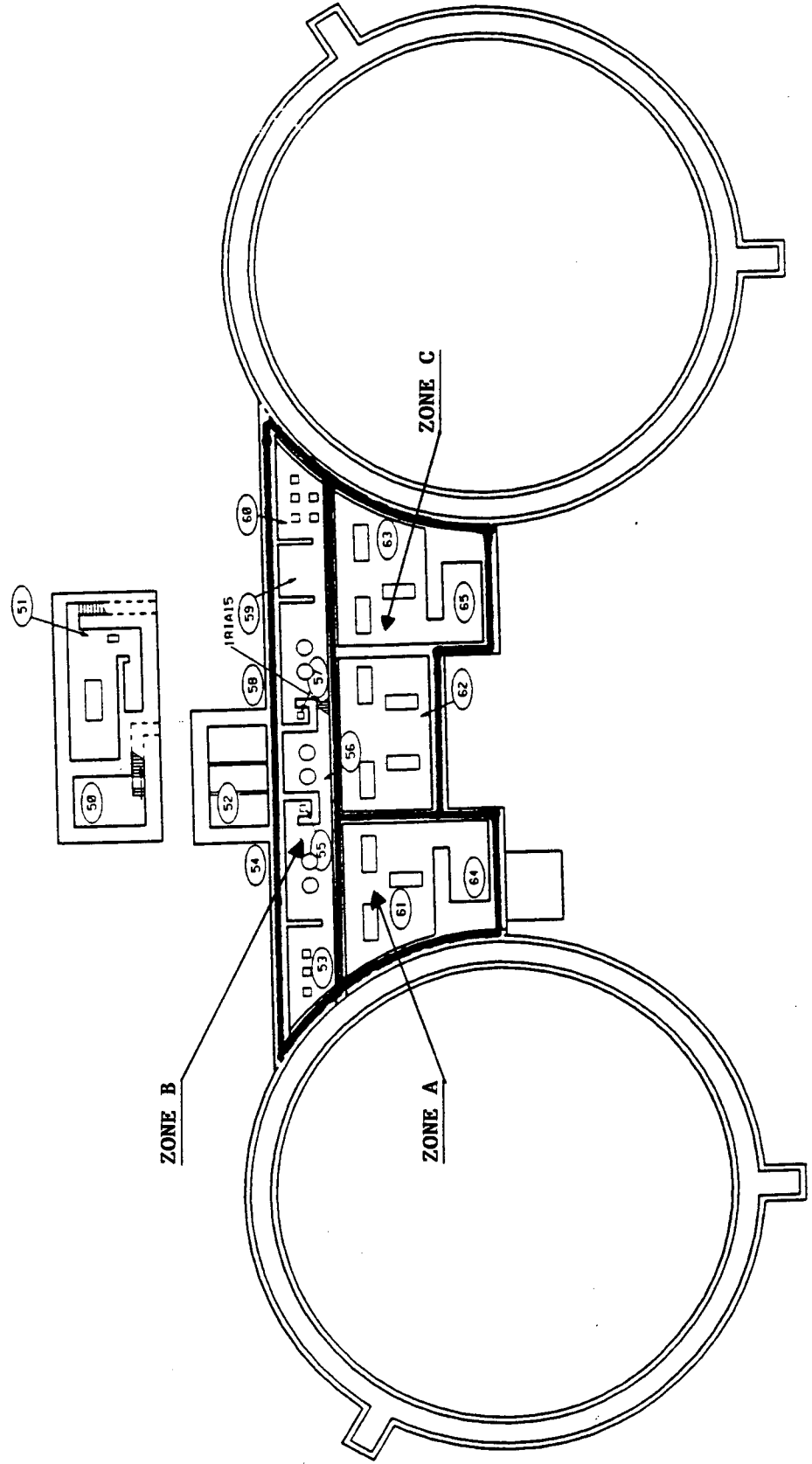
Major Revision

H-18

Revision 87-4
 December, 1987

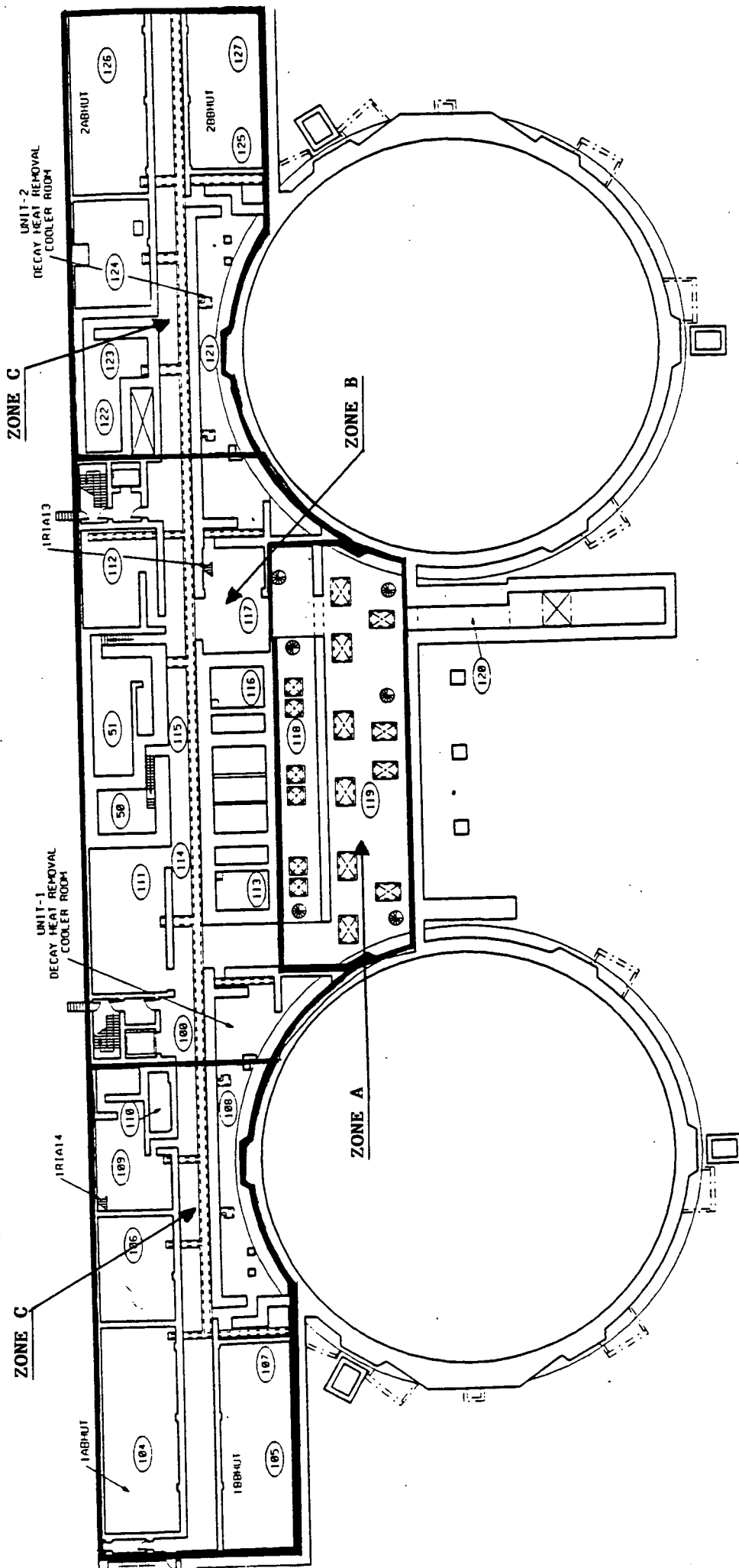
RADIATION ZONES

AUXILIARY BUILDING BASEMENT
HPI-LPI ROOMS - ELEVATION 758+0

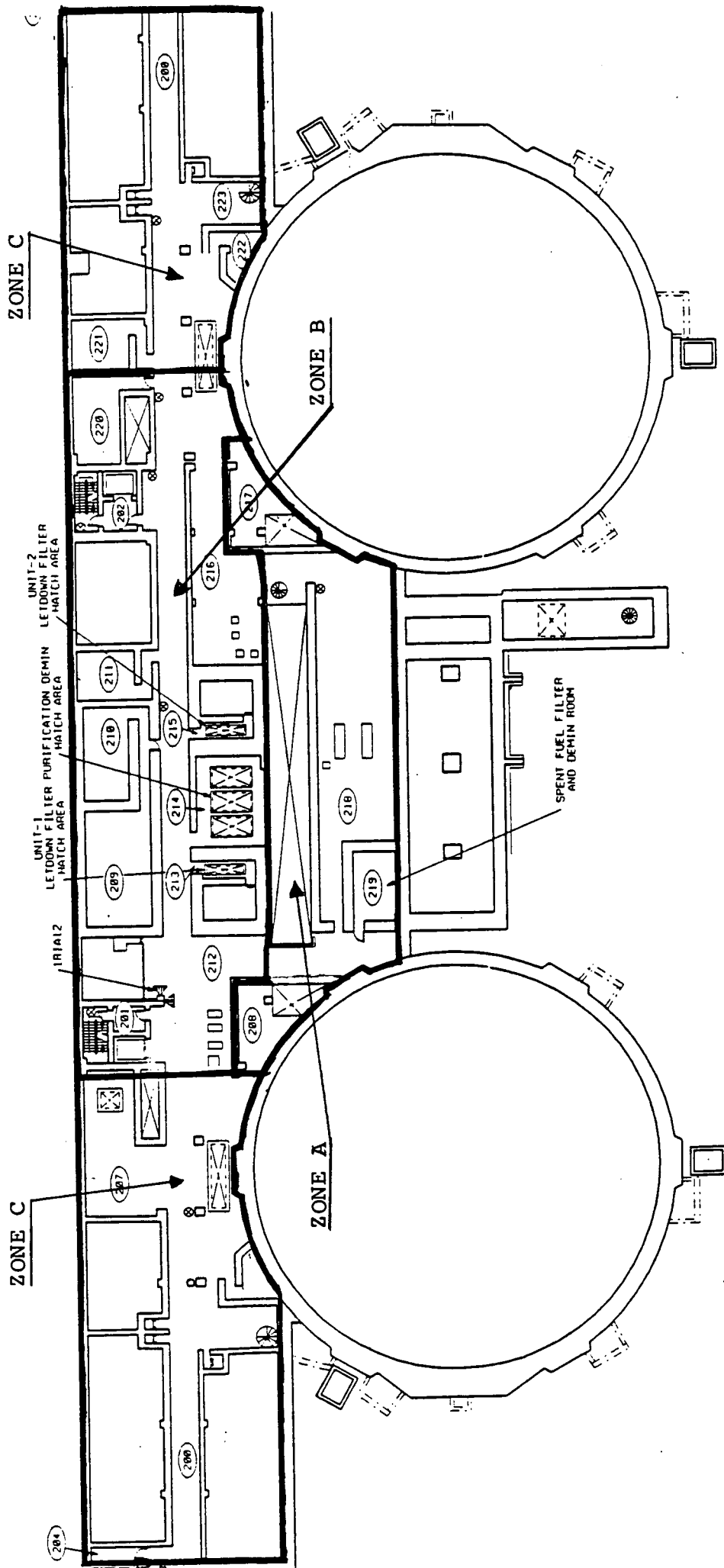


RADIATION ZONES

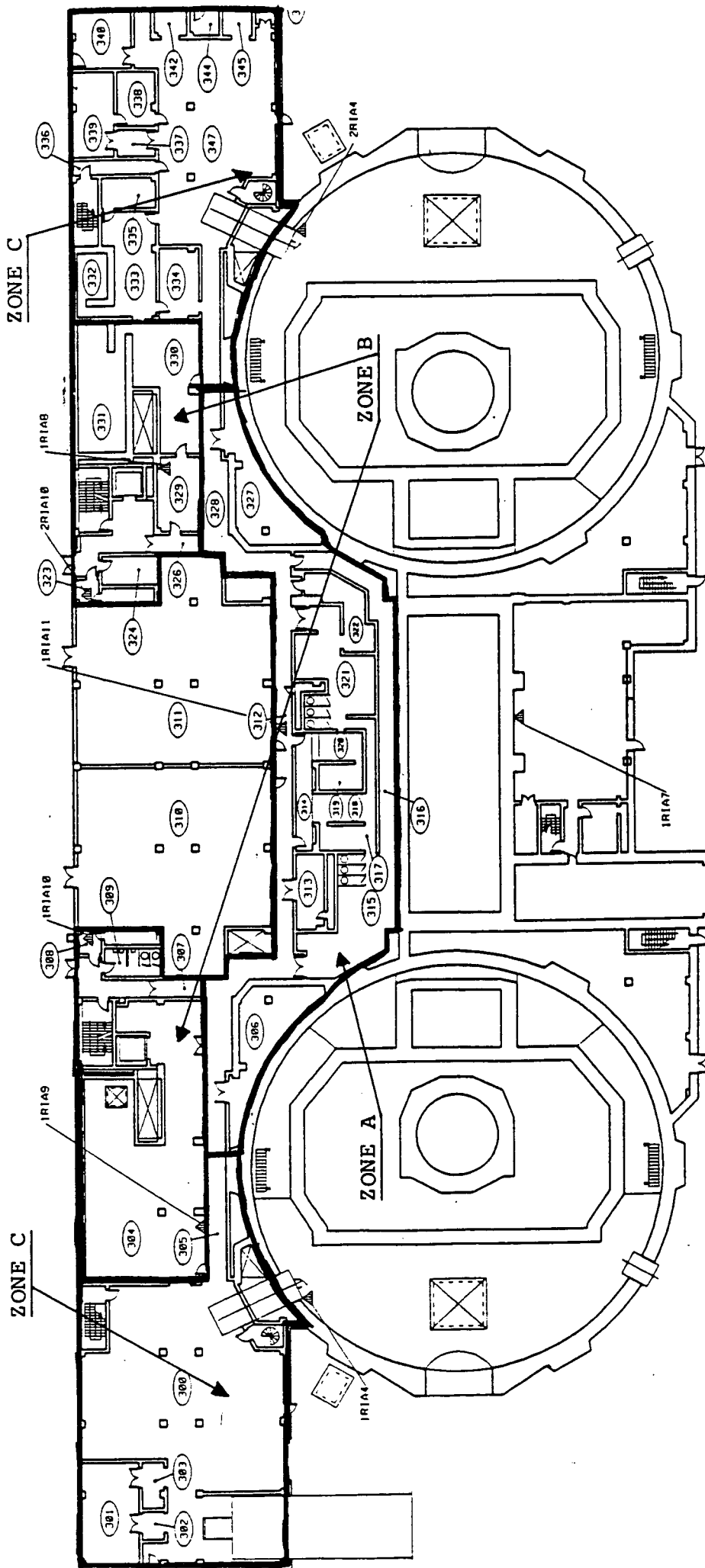
AUXILIARY BUILDING - FIRST FLOOR
ELEVATION 775+0



AUXILIARY BUILDING - SECOND FLOOR
ELEVATION 783+9

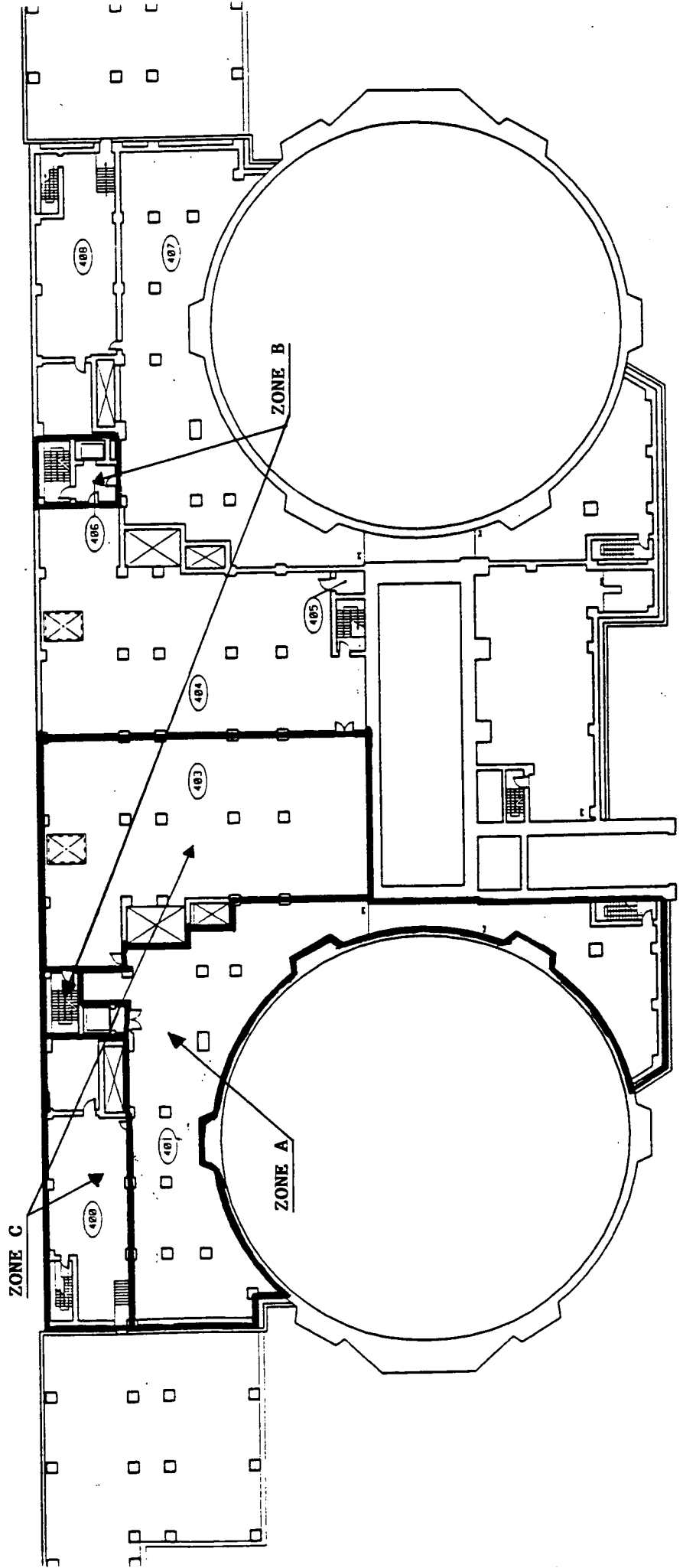


AUXILIARY BUILDING - THIRD FLOOR
ELEVATION 796+6



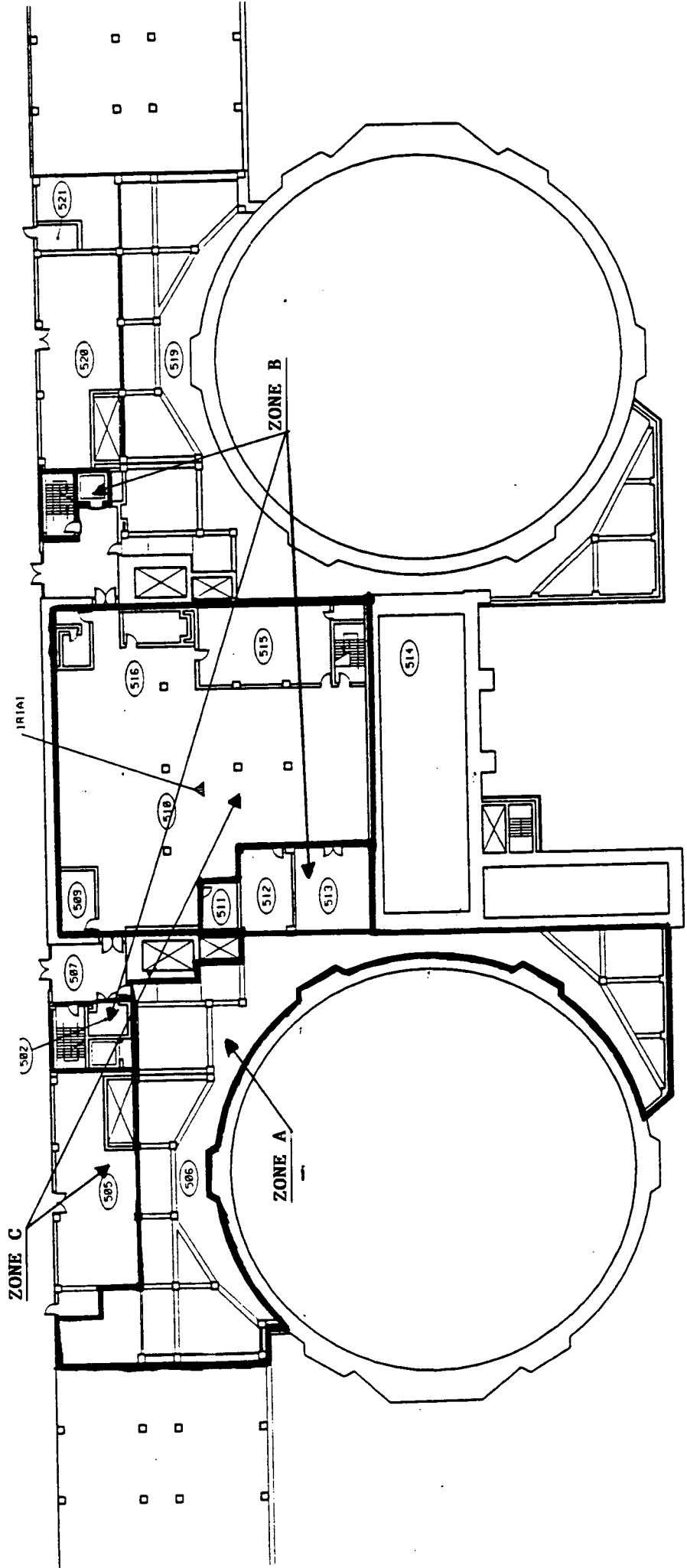
RADIATION ZONES

AUXILIARY BUILDING - FOURTH FLOOR
ELEVATION 809+3



RADIATION ZONES

AUXILIARY BUILDING - FIFTH FLOOR
ELEVATION 822+0

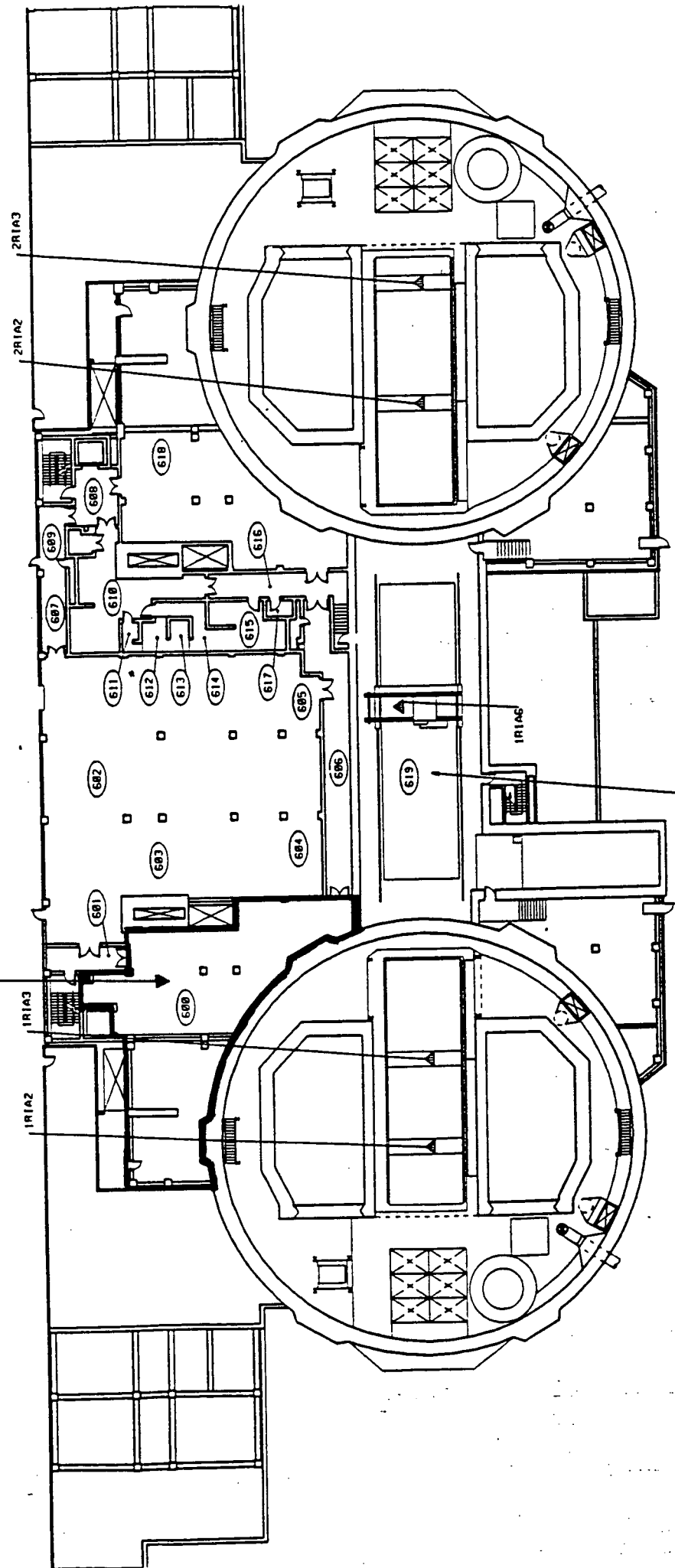


ELEVATION 838

RADIATION ZONES

AUXILIARY BUILDING - SIXTH FLOOR
ELEVATION 838+0

ZONE A (see Elevation 809, Zone B for dose rates)

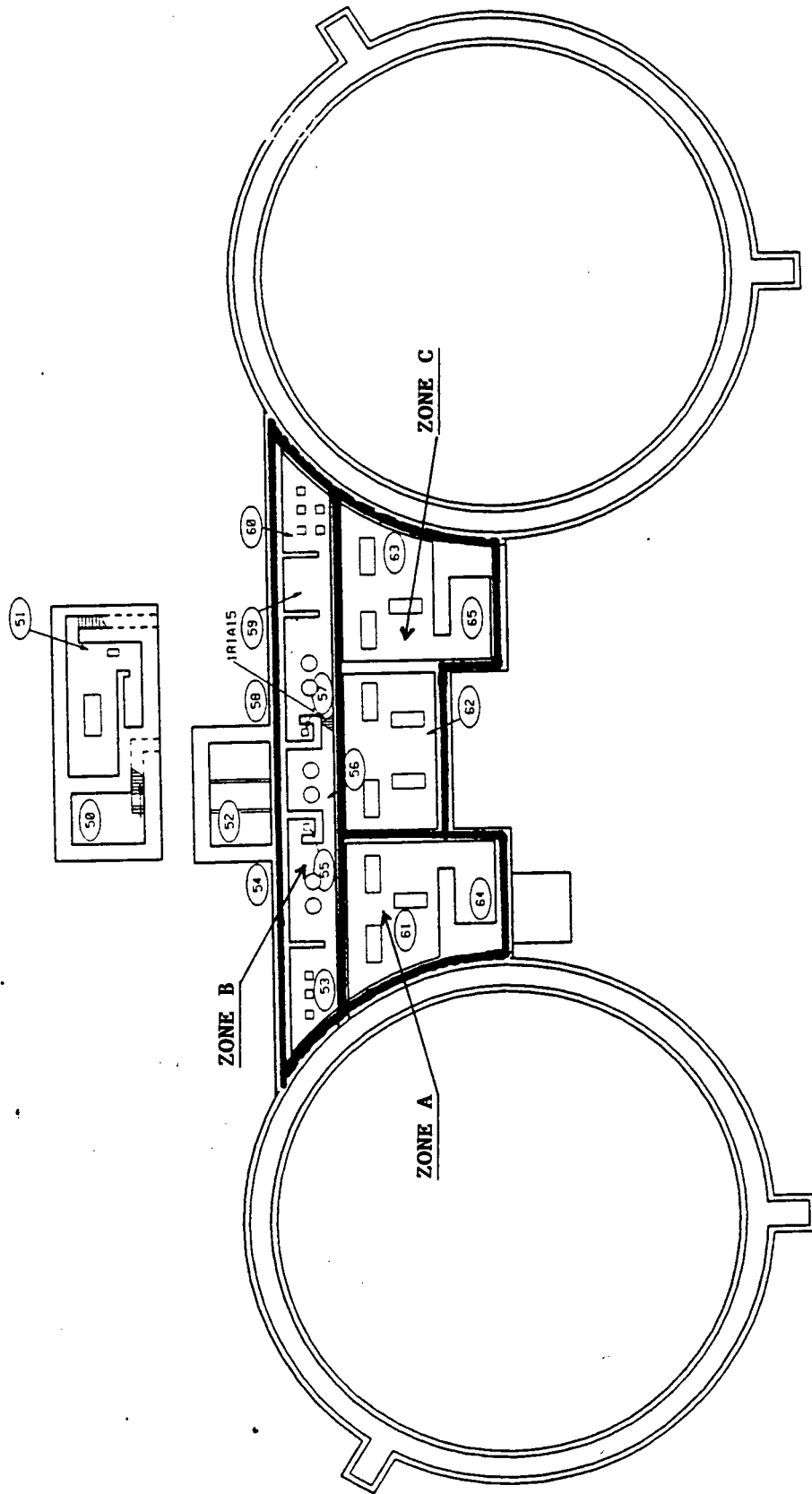


CONTAMINANT LEVELS (mr/hr/100 cm²)

ELEVATION 758

	12:30	12:45	13:15	13:45	14:15	14:30	14:45	
ZONE A	normal	2.7	3.2	3.7	4.4	4.7	unchanging	
ZONE B	normal	1.7	1.8	2.0	2.1	unchanging		
ZONE C	normal	0.5	0.5	0.6	unchanging			

AUXILIARY BUILDING BASEMENT
HPI-LPI ROOMS - ELEVATION 758+0



CONTAMINATION LEVELS (dpm/100 cm²)

ELEVATION 775

12:30

12:45

13:15

ZONE A normal

200,000

Unchanging until Aux. Bldg. entry recovery efforts produce further cross contaminations.

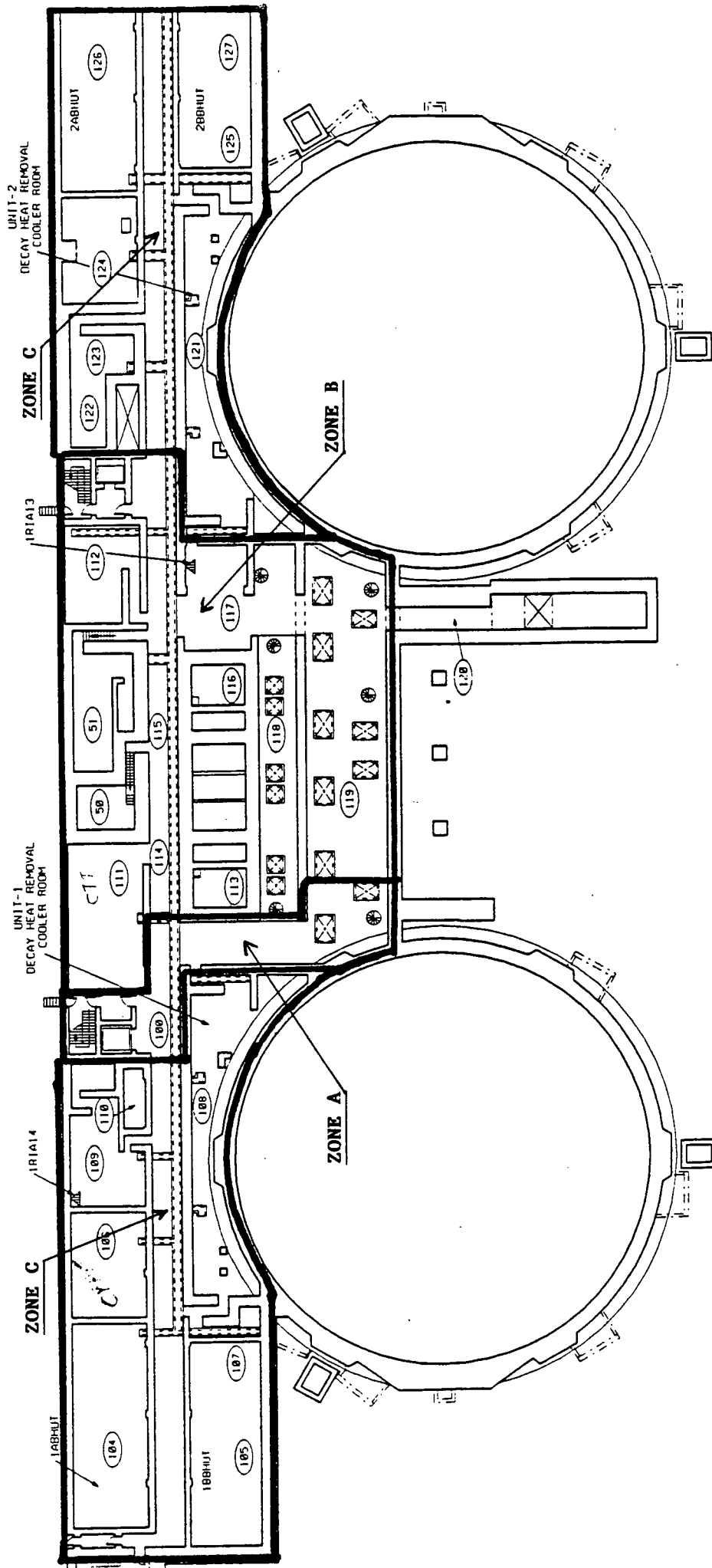
ZONE B normal

20,000

ZONE C normal

1,000

AUXILIARY BUILDING - FIRST FLOOR
ELEVATION 775+0



CONTAMINATION LEVELS (dpm/100 cm

ELEVATION 783

12:30

12:45

12:15

ZONE A normal

20,000

Unchanging until Aux. Bldg. entry recovery efforts produce further cross contaminations.

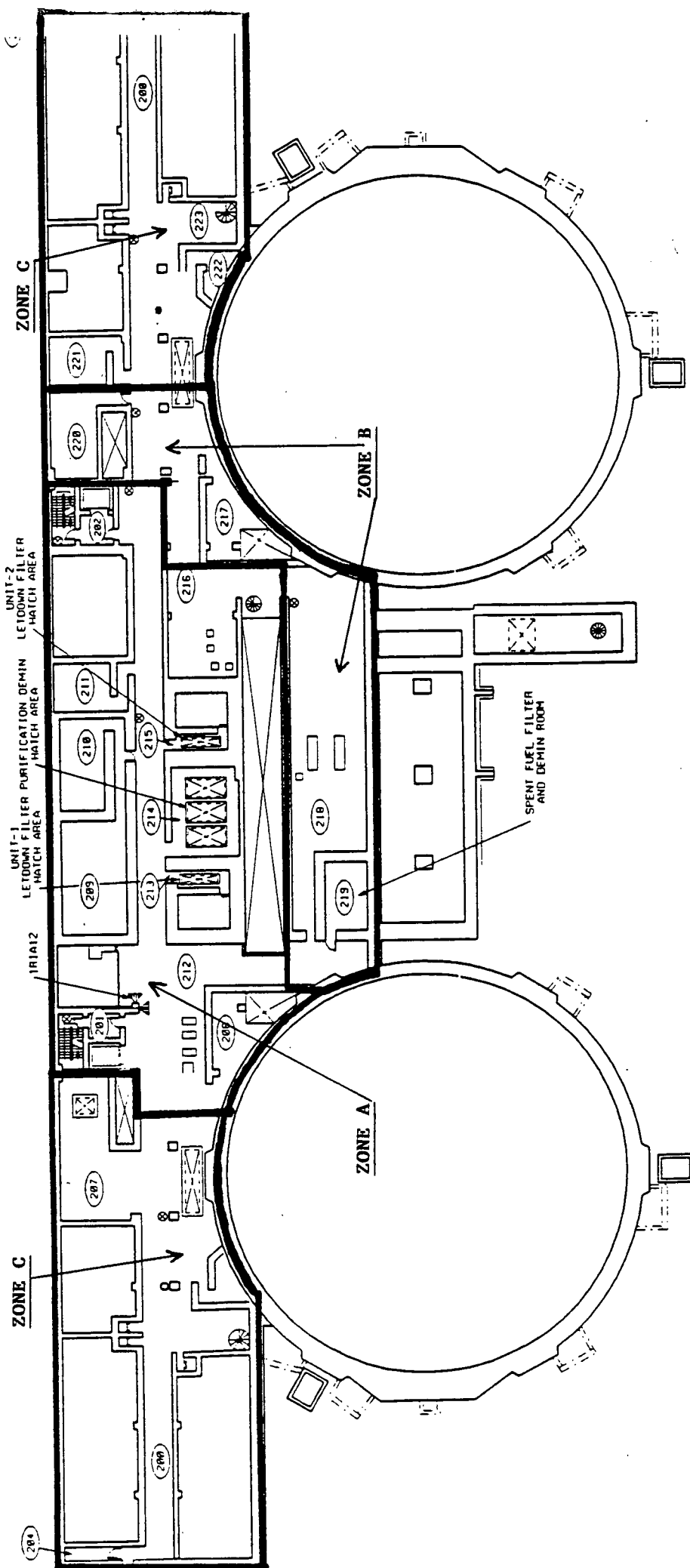
ZONE B normal

12,000

ZONE C normal

1,000

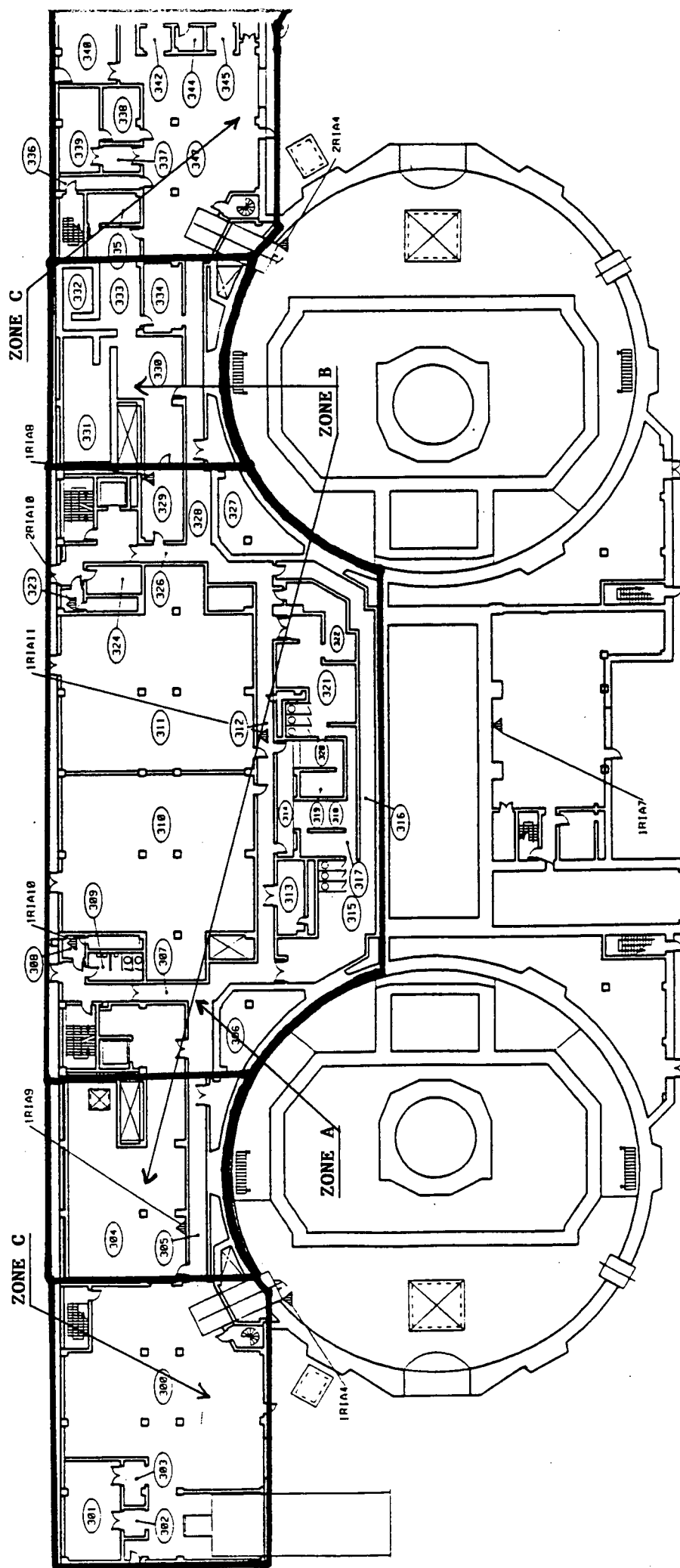
AUXILIARY BUILDING - SECOND FLOOR ELEVATION 783+9



CONTAMINATION LEVELS (dpm/100 cm²)
ELEVATION 796

	12:30	12:45	13:15	
ZONE A	normal	12,000		Unchanging until Aux. Bldg. entry recovery efforts produce
ZONE B	normal	3,000		further cross contaminations.
ZONE C	normal	1,000		

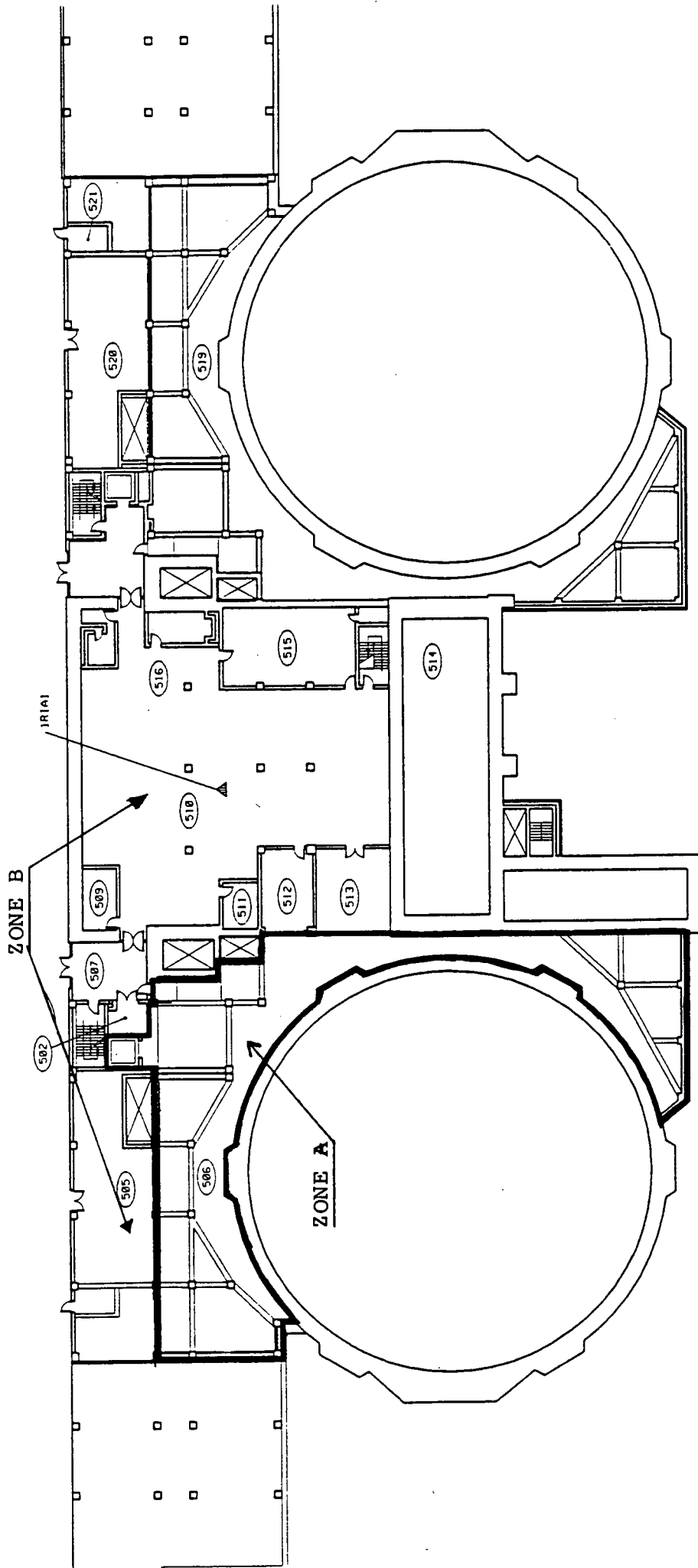
AUXILIARY BUILDING - THIRD FLOOR
ELEVATION 796+6



CONTAMINATION LEVELS (dpm/100 cm²)

ELEVATION 822

	12:30	12:45	13:15	
ZONE A	NORMAL	200,000		Unchanging until Aux. Bldg. entry recovery efforts produce
ZONE B	NORMAL	NORMAL		further cross contaminations. AUXILIARY BUILDING - FIFTH FLOOR ELEVATION 822+0

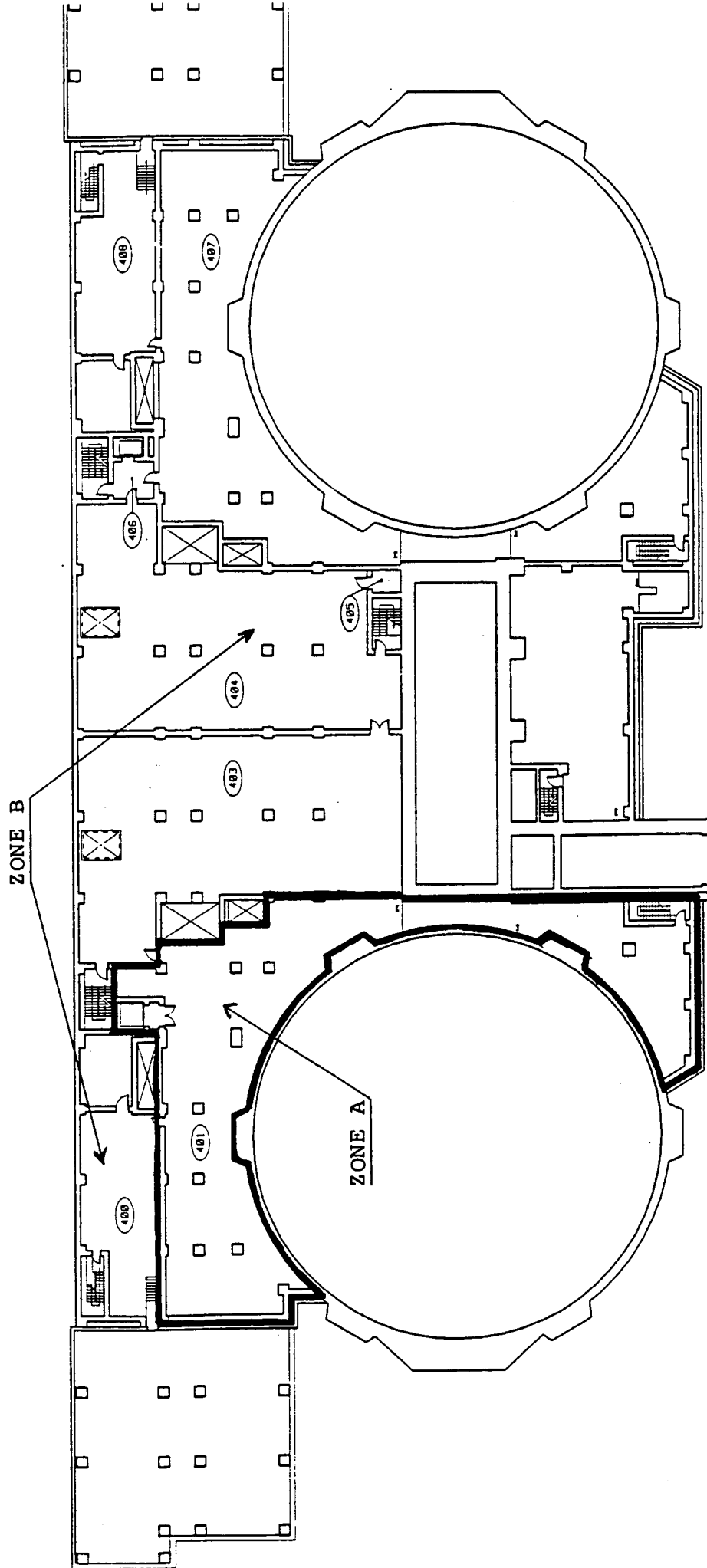


CONTAMINATION LEVELS (dpm/100 cm²)

ELEVATION 809

12:30	12:45	13:15
ZONE A normal	200,000	Unchanging until Aux. Bldg. entry recovery efforts produce further cross contaminations.
ZONE B normal	normal	

AUXILIARY BUILDING - FOURTH FLOOR
ELEVATION 809+3

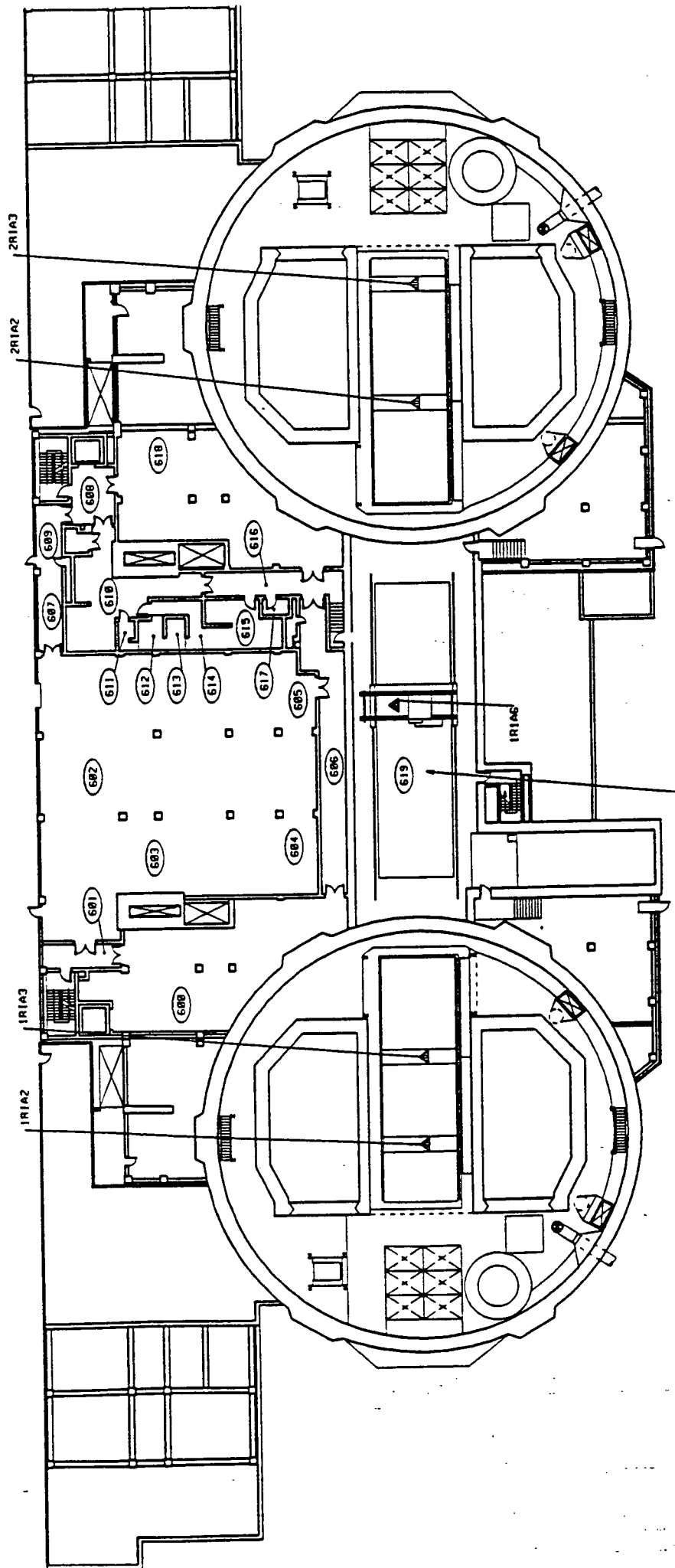


CONTAMINATION LEVELS

ELEVATION 838

No contamination present.

AUXILIARY BUILDING - SIXTH FLOOR ELEVATION 838+0



ELEVATION 758

BASEMENT ZONE A

04/14/88

EXERCISE 88-2

TIME	ZONE A IODINE MPC	ZONE A XENON MPC	ZONE A DOSERATE mR/hr
12:30	0.000E+00	6.700E-05	.00
12:40	2.444E+06	2.200E+05	88000.00
12:50	2.111E+06	1.900E+05	76000.00
13:00	2.000E+06	1.800E+05	72000.00
13:10	1.333E+06	1.200E+05	48000.00
13:20	9.889E+05	8.900E+04	35600.00
13:30	6.222E+05	5.600E+04	22400.00
13:40	2.556E+05	2.300E+04	9200.00
13:50	9.333E+04	8.400E+03	3360.00
14:00	1.333E+04	1.200E+03	480.00
14:10	9.889E+03	8.900E+02	356.00
14:20	1.444E+03	1.300E+02	52.00
14:30	2.733E+02	2.460E+01	9.84
14:40	5.000E+01	4.500E+00	1.80
14:50	7.222E+00	6.500E-01	0.26
15:00	2.500E+00	2.250E-01	0.09
15:10	2.500E+00	2.250E-01	0.09
15:20	2.500E+00	2.250E-01	0.09
15:30	2.500E+00	2.250E-01	0.09
15:40	2.500E+00	2.250E-01	0.09
15:50	2.500E+00	2.250E-01	0.09
16:00	2.500E+00	2.250E-01	0.09
16:10	2.500E+00	2.250E-01	0.09
16:20	2.500E+00	2.250E-01	0.09
16:30	2.500E+00	2.250E-01	0.09
16:40	2.500E+00	2.250E-01	0.09
16:50	2.500E+00	2.250E-01	0.09
17:00	2.500E+00	2.250E-01	0.09
17:10	2.500E+00	2.250E-01	0.09
17:20	2.500E+00	2.250E-01	0.09
17:30	2.500E+00	2.250E-01	0.09
17:40	2.500E+00	2.250E-01	0.09

ELEVATION 758

BASEMENT ZONE B

04/14/88

EXERCISE 88-2

TIME	ZONE B IODINE MPC	ZONE B XENON MPC	ZONE B DOSERATE mR/hr
12:30	0.000E+00	5.360E-05	.00
12:40	1.955E+05	1.760E+05	70400.00
12:50	1.689E+05	1.520E+05	60800.00
13:00	1.600E+05	1.440E+05	57600.00
13:10	1.066E+05	9.600E+04	38400.00
13:20	7.911E+04	7.120E+04	28480.00
13:30	4.978E+04	4.480E+04	17920.00
13:40	2.044E+04	1.840E+04	7360.00
13:50	7.466E+03	6.720E+03	2688.00
14:00	1.066E+03	9.600E+02	384.00
14:10	7.911E+02	7.120E+02	284.80
14:20	1.155E+02	1.040E+02	41.60
14:30	2.186E+01	1.968E+01	7.87
14:40	4.000E+00	3.600E+00	1.44
14:50	5.778E-01	5.200E-01	0.21
15:00	2.000E-01	1.800E-01	0.07
15:10	2.000E-01	1.800E-01	0.07
15:20	2.000E-01	1.800E-01	0.07
15:30	2.000E-01	1.800E-01	0.07
15:40	2.000E-01	1.800E-01	0.07
15:50	2.000E-01	1.800E-01	0.07
16:00	2.000E-01	1.800E-01	0.07
16:10	2.000E-01	1.800E-01	0.07
16:20	2.000E-01	1.800E-01	0.07
16:30	2.000E-01	1.800E-01	0.07
16:40	2.000E-01	1.800E-01	0.07
16:50	2.000E-01	1.800E-01	0.07
17:00	2.000E-01	1.800E-01	0.07
17:10	2.000E-01	1.800E-01	0.07
17:20	2.000E-01	1.800E-01	0.07
17:30	2.000E-01	1.800E-01	0.07
17:40	2.000E-01	1.800E-01	0.07

TIME	ZONE C IODINE MPC	ZONE C XENON MPC	ZONE C DOSERATE mR/hr
12:30	0.000E+00	1.340E-05	.00
12:40	4.888E+02	4.400E+04	17600.00
12:50	4.222E+02	3.800E+04	15200.00
13:00	4.000E+02	3.600E+04	14400.00
13:10	2.666E+02	2.400E+04	9600.00
13:20	1.978E+02	1.780E+04	7120.00
13:30	1.244E+02	1.120E+04	4480.00
13:40	5.111E+01	4.600E+03	1840.00
13:50	1.867E+01	1.680E+03	672.00
14:00	2.666E+00	2.400E+02	96.00
14:10	1.978E+00	1.780E+02	71.20
14:20	2.888E-01	2.600E+01	10.40
14:30	5.466E-02	4.920E+00	1.97
14:40	1.000E-02	9.000E-01	0.36
14:50	1.444E-03	1.300E-01	0.05
15:00	5.000E-04	4.500E-02	0.02
15:10	5.000E-04	4.500E-02	0.02
15:20	5.000E-04	4.500E-02	0.02
15:30	5.000E-04	4.500E-02	0.02
15:40	5.000E-04	4.500E-02	0.02
15:50	5.000E-04	4.500E-02	0.02
16:00	5.000E-04	4.500E-02	0.02
16:10	5.000E-04	4.500E-02	0.02
16:20	5.000E-04	4.500E-02	0.02
16:30	5.000E-04	4.500E-02	0.02
16:40	5.000E-04	4.500E-02	0.02
16:50	5.000E-04	4.500E-02	0.02
17:00	5.000E-04	4.500E-02	0.02
17:10	5.000E-04	4.500E-02	0.02
17:20	5.000E-04	4.500E-02	0.02
17:30	5.000E-04	4.500E-02	0.02
17:40	5.000E-04	4.500E-02	0.02

ELEVATION 775

FIRST FLOOR ZONE A

04/14/88

EXERCISE 88-2

TIME	ZONE A IODINE MPC	ZONE A XENON MPC	ZONE A DOSE RATE mR/hr
12:30	0.000E+00	4.020E-05	.00
12:40	1.466E+06	1.320E+05	52800.00
12:50	1.267E+06	1.140E+05	45600.00
13:00	1.200E+06	1.080E+05	43200.00
13:10	7.998E+05	7.200E+04	28800.00
13:20	5.933E+05	5.340E+04	21360.00
13:30	3.733E+05	3.360E+04	13440.00
13:40	1.533E+05	1.380E+04	5520.00
13:50	5.600E+04	5.040E+03	2016.00
14:00	7.998E+03	7.200E+02	288.00
14:10	5.933E+03	5.340E+02	213.60
14:20	8.664E+02	7.800E+01	31.20
14:30	1.640E+02	1.476E+01	5.90
14:40	3.000E+01	2.700E+00	1.08
14:50	4.333E+00	3.900E-01	0.16
15:00	1.500E+00	1.350E-01	0.05
15:10	1.500E+00	1.350E-01	0.05
15:20	1.500E+00	1.350E-01	0.05
15:30	1.500E+00	1.350E-01	0.05
15:40	1.500E+00	1.350E-01	0.05
15:50	1.500E+00	1.350E-01	0.05
16:00	1.500E+00	1.350E-01	0.05
16:10	1.500E+00	1.350E-01	0.05
16:20	1.500E+00	1.350E-01	0.05
16:30	1.500E+00	1.350E-01	0.05
16:40	1.500E+00	1.350E-01	0.05
16:50	1.500E+00	1.350E-01	0.05
17:00	1.500E+00	1.350E-01	0.05
17:10	1.500E+00	1.350E-01	0.05
17:20	1.500E+00	1.350E-01	0.05
17:30	1.500E+00	1.350E-01	0.05
17:40	1.500E+00	1.350E-01	0.05

TIME	ZONE B IODINE MPC	ZONE B XENON MPC	ZONE B DOSERATE mR/hr
12:30	0.000E+00	1.340E-05	.00
12:40	4.888E+03	4.400E+04	17600.00
12:50	4.222E+03	3.800E+04	15200.00
13:00	4.000E+03	3.600E+04	14400.00
13:10	2.666E+03	2.400E+04	9600.00
13:20	1.978E+03	1.780E+04	7120.00
13:30	1.244E+03	1.120E+04	4480.00
13:40	5.111E+02	4.600E+03	1840.00
13:50	1.867E+02	1.680E+03	672.00
14:00	2.666E+01	2.400E+02	96.00
14:10	1.978E+01	1.780E+02	71.20
14:20	2.888E+00	2.600E+01	10.40
14:30	5.466E-01	4.920E+00	1.97
14:40	1.000E-01	9.000E-01	0.36
14:50	1.444E-02	1.300E-01	0.05
15:00	5.000E-03	4.500E-02	0.02
15:10	5.000E-03	4.500E-02	0.02
15:20	5.000E-03	4.500E-02	0.02
15:30	5.000E-03	4.500E-02	0.02
15:40	5.000E-03	4.500E-02	0.02
15:50	5.000E-03	4.500E-02	0.02
16:00	5.000E-03	4.500E-02	0.02
16:10	5.000E-03	4.500E-02	0.02
16:20	5.000E-03	4.500E-02	0.02
16:30	5.000E-03	4.500E-02	0.02
16:40	5.000E-03	4.500E-02	0.02
16:50	5.000E-03	4.500E-02	0.02
17:00	5.000E-03	4.500E-02	0.02
17:10	5.000E-03	4.500E-02	0.02
17:20	5.000E-03	4.500E-02	0.02
17:30	5.000E-03	4.500E-02	0.02
17:40	5.000E-03	4.500E-02	0.02

ELEVATION 775

FIRST FLOOR ZONE C

04/14/88

EXERCISE 88-2

TIME	ZONE C IODINE MPC	ZONE C XENON MPC	ZONE C DOSERATE mR/hr
12:30	0.000E+00	3.350E-06	.00
12:40	1.222E+01	1.100E+04	4400.00
12:50	1.056E+01	9.500E+03	3800.00
13:00	1.000E+01	9.000E+03	3600.00
13:10	6.665E+00	6.000E+03	2400.00
13:20	4.945E+00	4.450E+03	1780.00
13:30	3.111E+00	2.800E+03	1120.00
13:40	1.278E+00	1.150E+03	460.00
13:50	4.667E-01	4.200E+02	168.00
14:00	6.665E-02	6.000E+01	24.00
14:10	4.945E-02	4.450E+01	17.80
14:20	7.220E-03	6.500E+00	2.60
14:30	1.367E-03	1.230E+00	0.49
14:40	2.500E-04	2.250E-01	0.09
14:50	3.611E-05	3.250E-02	0.01
15:00	1.250E-05	1.125E-02	.00
15:10	1.250E-05	1.125E-02	.00
15:20	1.250E-05	1.125E-02	.00
15:30	1.250E-05	1.125E-02	.00
15:40	1.250E-05	1.125E-02	.00
15:50	1.250E-05	1.125E-02	.00
16:00	1.250E-05	1.125E-02	.00
16:10	1.250E-05	1.125E-02	.00
16:20	1.250E-05	1.125E-02	.00
16:30	1.250E-05	1.125E-02	.00
16:40	1.250E-05	1.125E-02	.00
16:50	1.250E-05	1.125E-02	.00
17:00	1.250E-05	1.125E-02	.00
17:10	1.250E-05	1.125E-02	.00
17:20	1.250E-05	1.125E-02	.00
17:30	1.250E-05	1.125E-02	.00
17:40	1.250E-05	1.125E-02	.00

ELEVATION 783

SECOND FLOOR ZONE A

04/14/88

EXERCISE 88-2

TIME	ZONE A IODINE MPC	ZONE A XENON MPC	ZONE A DOSERATE mR/hr
12:30	0.00	.00	.00
12:40	488800.00	44000.00	17600.00
12:50	422200.00	38000.00	15200.00
13:00	400000.00	36000.00	14400.00
13:10	266600.00	24000.00	9600.00
13:20	197780.00	17800.00	7120.00
13:30	124440.00	11200.00	4480.00
13:40	51112.00	4600.00	1840.00
13:50	18666.00	1680.00	672.00
14:00	2666.00	240.00	96.00
14:10	1977.80	178.00	71.20
14:20	288.80	26.00	10.40
14:30	54.66	4.92	1.97
14:40	10.00	0.90	0.36
14:50	1.44	0.13	0.05
15:00	0.50	0.05	0.02
15:10	0.50	0.05	0.02
15:20	0.50	0.05	0.02
15:30	0.50	0.05	0.02
15:40	0.50	0.05	0.02
15:50	0.50	0.05	0.02
16:00	0.50	0.05	0.02
16:10	0.50	0.05	0.02
16:20	0.50	0.05	0.02
16:30	0.50	0.05	0.02
16:40	0.50	0.05	0.02
16:50	0.50	0.05	0.02
17:00	0.50	0.05	0.02
17:10	0.50	0.05	0.02
17:20	0.50	0.05	0.02
17:30	0.50	0.05	0.02
17:40	0.50	0.05	0.02

ELEVATION 783

SECOND FLOOR ZONE B

04/14/88

EXERCISE 88-2

TIME	ZONE B IODINE MPC	ZONE B XENON MPC	ZONE B DOSE RATE mR/hr
12:30	0.000E+00	3.350E-06	.00
12:40	1.222E+02	1.100E+04	4400.00
12:50	1.056E+02	9.500E+03	3800.00
13:00	1.000E+02	9.000E+03	3600.00
13:10	6.665E+01	6.000E+03	2400.00
13:20	4.945E+01	4.450E+03	1780.00
13:30	3.111E+01	2.800E+03	1120.00
13:40	1.278E+01	1.150E+03	460.00
13:50	4.667E+00	4.200E+02	168.00
14:00	6.665E-01	6.000E+01	24.00
14:10	4.945E-01	4.450E+01	17.80
14:20	7.220E-02	6.500E+00	2.60
14:30	1.367E-02	1.230E+00	0.49
14:40	2.500E-03	2.250E-01	0.09
14:50	3.611E-04	3.250E-02	0.01
15:00	1.250E-04	1.125E-02	.00
15:10	1.250E-04	1.125E-02	.00
15:20	1.250E-04	1.125E-02	.00
15:30	1.250E-04	1.125E-02	.00
15:40	1.250E-04	1.125E-02	.00
15:50	1.250E-04	1.125E-02	.00
16:00	1.250E-04	1.125E-02	.00
16:10	1.250E-04	1.125E-02	.00
16:20	1.250E-04	1.125E-02	.00
16:30	1.250E-04	1.125E-02	.00
16:40	1.250E-04	1.125E-02	.00
16:50	1.250E-04	1.125E-02	.00
17:00	1.250E-04	1.125E-02	.00
17:10	1.250E-04	1.125E-02	.00
17:20	1.250E-04	1.125E-02	.00
17:30	1.250E-04	1.125E-02	.00
17:40	1.250E-04	1.125E-02	.00

TIME	ZONE C IODINE MPC	ZONE C XENON MPC	ZONE C DOSERATE mR/hr
12:30	0.000E+00	6.700E-07	.00
12:40	2.444E-01	2.200E+03	880.00
12:50	2.111E-01	1.900E+03	760.00
13:00	2.000E-01	1.800E+03	720.00
13:10	1.333E-01	1.200E+03	480.00
13:20	9.889E-02	8.900E+02	356.00
13:30	6.222E-02	5.600E+02	224.00
13:40	2.556E-02	2.300E+02	92.00
13:50	9.333E-03	8.400E+01	33.60
14:00	1.333E-03	1.200E+01	4.80
14:10	9.889E-04	8.900E+00	3.56
14:20	1.444E-04	1.300E+00	0.52
14:30	2.733E-05	2.460E-01	0.10
14:40	5.000E-06	4.500E-02	0.02
14:50	7.222E-07	6.500E-03	.00
15:00	2.500E-07	2.250E-03	.00
15:10	2.500E-07	2.250E-03	.00
15:20	2.500E-07	2.250E-03	.00
15:30	2.500E-07	2.250E-03	.00
15:40	2.500E-07	2.250E-03	.00
15:50	2.500E-07	2.250E-03	.00
16:00	2.500E-07	2.250E-03	.00
16:10	2.500E-07	2.250E-03	.00
16:20	2.500E-07	2.250E-03	.00
16:30	2.500E-07	2.250E-03	.00
16:40	2.500E-07	2.250E-03	.00
16:50	2.500E-07	2.250E-03	.00
17:00	2.500E-07	2.250E-03	.00
17:10	2.500E-07	2.250E-03	.00
17:20	2.500E-07	2.250E-03	.00
17:30	2.500E-07	2.250E-03	.00
17:40	2.500E-07	2.250E-03	.00

ELEVATION 796

THIRD FLOOR ZONE A

04/14/88

EXERCISE 88-2

TIME	ZONE A IODINE MPC	ZONE A XENON MPC	ZONE A DOSERATE mR/hr
12:30	0.000E+00	6.700E-07	.00
12:40	2.444E+04	2.200E+03	880.00
12:50	2.111E+04	1.900E+03	760.00
13:00	2.000E+04	1.800E+03	720.00
13:10	1.333E+04	1.200E+03	480.00
13:20	9.889E+03	8.900E+02	356.00
13:30	6.222E+03	5.600E+02	224.00
13:40	2.556E+03	2.300E+02	92.00
13:50	9.333E+02	8.400E+01	33.60
14:00	1.333E+02	1.200E+01	4.80
14:10	9.889E+01	8.900E+00	3.56
14:20	1.444E+01	1.300E+00	0.52
14:30	2.733E+00	2.460E-01	0.10
14:40	5.000E-01	4.500E-02	0.02
14:50	7.222E-02	6.500E-03	.00
15:00	2.500E-02	2.250E-03	.00
15:10	2.500E-02	2.250E-03	.00
15:20	2.500E-02	2.250E-03	.00
15:30	2.500E-02	2.250E-03	.00
15:40	2.500E-02	2.250E-03	.00
15:50	2.500E-02	2.250E-03	.00
16:00	2.500E-02	2.250E-03	.00
16:10	2.500E-02	2.250E-03	.00
16:20	2.500E-02	2.250E-03	.00
16:30	2.500E-02	2.250E-03	.00
16:40	2.500E-02	2.250E-03	.00
16:50	2.500E-02	2.250E-03	.00
17:00	2.500E-02	2.250E-03	.00
17:10	2.500E-02	2.250E-03	.00
17:20	2.500E-02	2.250E-03	.00
17:30	2.500E-02	2.250E-03	.00
17:40	2.500E-02	2.250E-03	.00

THIRD FLOOR ZONE B

04/14/88

EXERCISE 88-2

3rd Floor Zone B
TIME ZONE B IODINE MPC

ELEVATION 796
ZONE B XENON MPC ZONE B DOSERATE mR/hr

12:30	0.000E+00	5.360E-07	.00
12:40	1.955E+01	1.760E+03	704.00
12:50	1.689E+01	1.520E+03	608.00
13:00	1.600E+01	1.440E+03	576.00
13:10	1.066E+01	9.600E+02	384.00
13:20	7.911E+00	7.120E+02	284.80
13:30	4.978E+00	4.480E+02	179.20
13:40	2.044E+00	1.840E+02	73.60
13:50	7.466E-01	6.720E+01	26.88
14:00	1.066E-01	9.600E+00	3.84
14:10	7.911E-02	7.120E+00	2.85
14:20	1.155E-02	1.040E+00	0.42
14:30	2.186E-03	1.968E-01	0.08
14:40	4.000E-04	3.600E-02	0.01
14:50	5.778E-05	5.200E-03	.00
15:00	2.000E-05	1.800E-03	.00
15:10	2.000E-05	1.800E-03	.00
15:20	2.000E-05	1.800E-03	.00
15:30	2.000E-05	1.800E-03	.00
15:40	2.000E-05	1.800E-03	.00
15:50	2.000E-05	1.800E-03	.00
16:00	2.000E-05	1.800E-03	.00
16:10	2.000E-05	1.800E-03	.00
16:20	2.000E-05	1.800E-03	.00
16:30	2.000E-05	1.800E-03	.00
16:40	2.000E-05	1.800E-03	.00
16:50	2.000E-05	1.800E-03	.00
17:00	2.000E-05	1.800E-03	.00
17:10	2.000E-05	1.800E-03	.00
17:20	2.000E-05	1.800E-03	.00
17:30	2.000E-05	1.800E-03	.00
17:40	2.000E-05	1.800E-03	.00

THIRD FLOOR ZONE C

04/14/88

EXERCISE 88-2

TIME	ZONE C IODINE MPC	ZONE C XENON MPC	ZONE C DOSERATE mR/hr
12:30	0.000E+00	6.700E-08	.00
12:40	2.444E-02	2.200E+02	88.00
12:50	2.111E-02	1.900E+02	76.00
13:00	2.000E-02	1.800E+02	72.00
13:10	1.333E-02	1.200E+02	48.00
13:20	9.889E-03	8.900E+01	35.60
13:30	6.222E-03	5.600E+01	22.40
13:40	2.556E-03	2.300E+01	9.20
13:50	9.333E-04	8.400E+00	3.36
14:00	1.333E-04	1.200E+00	0.48
14:10	9.889E-05	8.900E-01	0.36
14:20	1.444E-05	1.300E-01	0.05
14:30	2.733E-06	2.460E-02	0.01
14:40	5.000E-07	4.500E-03	.00
14:50	7.222E-08	6.500E-04	.00
15:00	2.500E-08	2.250E-04	.00
15:10	2.500E-08	2.250E-04	.00
15:20	2.500E-08	2.250E-04	.00
15:30	2.500E-08	2.250E-04	.00
15:40	2.500E-08	2.250E-04	.00
15:50	2.500E-08	2.250E-04	.00
16:00	2.500E-08	2.250E-04	.00
16:10	2.500E-08	2.250E-04	.00
16:20	2.500E-08	2.250E-04	.00
16:30	2.500E-08	2.250E-04	.00
16:40	2.500E-08	2.250E-04	.00
16:50	2.500E-08	2.250E-04	.00
17:00	2.500E-08	2.250E-04	.00
17:10	2.500E-08	2.250E-04	.00
17:20	2.500E-08	2.250E-04	.00
17:30	2.500E-08	2.250E-04	.00
17:40	2.500E-08	2.250E-04	.00

ELEVATION 809

FOURTH FLOOR ZONE A

04/14/88

EXERCISE 88-2

TIME	ZONE A IODINE MPC	ZONE A XENON MPC	ZONE A DOSERATE mR/hr
12:30	0.000E+00	1.340E-06	.00
12:40	4.888E+04	4.400E+03	1760.00
12:50	4.222E+04	3.800E+03	1520.00
13:00	4.000E+04	3.600E+03	1440.00
13:10	2.666E+04	2.400E+03	960.00
13:20	1.978E+04	1.780E+03	712.00
13:30	1.244E+04	1.120E+03	448.00
13:40	5.111E+03	4.600E+02	184.00
13:50	1.867E+03	1.680E+02	67.20
14:00	2.666E+02	2.400E+01	9.60
14:10	1.978E+02	1.780E+01	7.12
14:20	2.888E+01	2.600E+00	1.04
14:30	5.466E+00	4.920E-01	0.20
14:40	1.000E+00	9.000E-02	0.04
14:50	1.444E-01	1.300E-02	0.01
15:00	5.000E-02	4.500E-03	.00
15:10	5.000E-02	4.500E-03	.00
15:20	5.000E-02	4.500E-03	.00
15:30	5.000E-02	4.500E-03	.00
15:40	5.000E-02	4.500E-03	.00
15:50	5.000E-02	4.500E-03	.00
16:00	5.000E-02	4.500E-03	.00
16:10	5.000E-02	4.500E-03	.00
16:20	5.000E-02	4.500E-03	.00
16:30	5.000E-02	4.500E-03	.00
16:40	5.000E-02	4.500E-03	.00
16:50	5.000E-02	4.500E-03	.00
17:00	5.000E-02	4.500E-03	.00
17:10	5.000E-02	4.500E-03	.00
17:20	5.000E-02	4.500E-03	.00
17:30	5.000E-02	4.500E-03	.00
17:40	5.000E-02	4.500E-03	.00

FOURTH FLOOR ZONE B

04/14/88

EXERCISE 88-2

TIME	ZONE B IODINE MPC	ZONE B XENON MPC	ZONE B DOSERATE mR/hr
12:30	0.000E+00	6.700E-08	.00
12:40	2.444E+00	2.200E+02	88.00
12:50	2.111E+00	1.900E+02	76.00
13:00	2.000E+00	1.800E+02	72.00
13:10	1.333E+00	1.200E+02	48.00
13:20	9.889E-01	8.900E+01	35.60
13:30	6.222E-01	5.600E+01	22.40
13:40	2.556E-01	2.300E+01	9.20
13:50	9.333E-02	8.400E+00	3.36
14:00	1.333E-02	1.200E+00	0.48
14:10	9.889E-03	8.900E-01	0.36
14:20	1.444E-03	1.300E-01	0.05
14:30	2.733E-04	2.460E-02	0.01
14:40	5.000E-05	4.500E-03	.00
14:50	7.222E-06	6.500E-04	.00
15:00	2.500E-06	2.250E-04	.00
15:10	2.500E-06	2.250E-04	.00
15:20	2.500E-06	2.250E-04	.00
15:30	2.500E-06	2.250E-04	.00
15:40	2.500E-06	2.250E-04	.00
15:50	2.500E-06	2.250E-04	.00
16:00	2.500E-06	2.250E-04	.00
16:10	2.500E-06	2.250E-04	.00
16:20	2.500E-06	2.250E-04	.00
16:30	2.500E-06	2.250E-04	.00
16:40	2.500E-06	2.250E-04	.00
16:50	2.500E-06	2.250E-04	.00
17:00	2.500E-06	2.250E-04	.00
17:10	2.500E-06	2.250E-04	.00
17:20	2.500E-06	2.250E-04	.00
17:30	2.500E-06	2.250E-04	.00
17:40	2.500E-06	2.250E-04	.00

FOURTH FLOOR ZONE C

04/14/88

EXERCISE 88-2

TIME	ZONE C IODINE MPC	ZONE C XENON MPC	ZONE C DOSE RATE mR/hr
12:30	0.000E+00	6.700E-09	.00
12:40	2.444E-03	2.200E+01	8.80
12:50	2.111E-03	1.900E+01	7.60
13:00	2.000E-03	1.800E+01	7.20
13:10	1.333E-03	1.200E+01	4.80
13:20	9.889E-04	8.900E+00	3.56
13:30	6.222E-04	5.600E+00	2.24
13:40	2.556E-04	2.300E+00	0.92
13:50	9.333E-05	8.400E-01	0.34
14:00	1.333E-05	1.200E-01	0.05
14:10	9.889E-06	8.900E-02	0.04
14:20	1.444E-06	1.300E-02	0.01
14:30	2.733E-07	2.460E-03	.00
14:40	5.000E-08	4.500E-04	.00
14:50	7.222E-09	6.500E-05	.00
15:00	2.500E-09	2.250E-05	.00
15:10	2.500E-09	2.250E-05	.00
15:20	2.500E-09	2.250E-05	.00
15:30	2.500E-09	2.250E-05	.00
15:40	2.500E-09	2.250E-05	.00
15:50	2.500E-09	2.250E-05	.00
16:00	2.500E-09	2.250E-05	.00
16:10	2.500E-09	2.250E-05	.00
16:20	2.500E-09	2.250E-05	.00
16:30	2.500E-09	2.250E-05	.00
16:40	2.500E-09	2.250E-05	.00
16:50	2.500E-09	2.250E-05	.00
17:00	2.500E-09	2.250E-05	.00
17:10	2.500E-09	2.250E-05	.00
17:20	2.500E-09	2.250E-05	.00
17:30	2.500E-09	2.250E-05	.00
17:40	2.500E-09	2.250E-05	.00

ELEVATION 822

FIFTH FLOOR ZONE A

04/14/88

EXERCISE 88-2

TIME	ZONE A IODINE MPC	ZONE A XENON MPC	ZONE A DOSERATE mR/hr
12:30	0.000E+00	1.340E-06	.00
12:40	4.888E+04	4.400E+03	1760.00
12:50	4.222E+04	3.800E+03	1520.00
13:00	4.000E+04	3.600E+03	1440.00
13:10	2.666E+04	2.400E+03	960.00
13:20	1.978E+04	1.780E+03	712.00
13:30	1.244E+04	1.120E+03	448.00
13:40	5.111E+03	4.600E+02	184.00
13:50	1.867E+03	1.680E+02	67.20
14:00	2.666E+02	2.400E+01	9.60
14:10	1.978E+02	1.780E+01	7.12
14:20	2.888E+01	2.600E+00	1.04
14:30	5.466E+00	4.920E-01	0.20
14:40	1.000E+00	9.000E-02	0.04
14:50	1.444E-01	1.300E-02	0.01
15:00	5.000E-02	4.500E-03	.00
15:10	5.000E-02	4.500E-03	.00
15:20	5.000E-02	4.500E-03	.00
15:30	5.000E-02	4.500E-03	.00
15:40	5.000E-02	4.500E-03	.00
15:50	5.000E-02	4.500E-03	.00
16:00	5.000E-02	4.500E-03	.00
16:10	5.000E-02	4.500E-03	.00
16:20	5.000E-02	4.500E-03	.00
16:30	5.000E-02	4.500E-03	.00
16:40	5.000E-02	4.500E-03	.00
16:50	5.000E-02	4.500E-03	.00
17:00	5.000E-02	4.500E-03	.00
17:10	5.000E-02	4.500E-03	.00
17:20	5.000E-02	4.500E-03	.00
17:30	5.000E-02	4.500E-03	.00
17:40	5.000E-02	4.500E-03	.00

ELEVATION 822

FIFTH FLOOR ZONE B

04/14/88

EXERCISE 88-2

TIME	ZONE B IODINE MPC	ZONE B XENON MPC	ZONE B DOSERATE mR/hr
12:30	0.000E+00	6.700E-09	.00
12:40	2.444E+02	2.200E+01	8.80
12:50	2.111E+02	1.900E+01	7.60
13:00	2.000E+02	1.800E+01	7.20
13:10	1.333E+02	1.200E+01	4.80
13:20	9.889E+01	8.900E+00	3.56
13:30	6.222E+01	5.600E+00	2.24
13:40	2.556E+01	2.300E+00	0.92
13:50	9.333E+00	8.400E-01	0.34
14:00	1.333E+00	1.200E-01	0.05
14:10	9.889E-01	8.900E-02	0.04
14:20	1.444E-01	1.300E-02	0.01
14:30	2.733E-02	2.460E-03	.00
14:40	5.000E-03	4.500E-04	.00
14:50	7.222E-04	6.500E-05	.00
15:00	2.500E-04	2.250E-05	.00
15:10	2.500E-04	2.250E-05	.00
15:20	2.500E-04	2.250E-05	.00
15:30	2.500E-04	2.250E-05	.00
15:40	2.500E-04	2.250E-05	.00
15:50	2.500E-04	2.250E-05	.00
16:00	2.500E-04	2.250E-05	.00
16:10	2.500E-04	2.250E-05	.00
16:20	2.500E-04	2.250E-05	.00
16:30	2.500E-04	2.250E-05	.00
16:40	2.500E-04	2.250E-05	.00
16:50	2.500E-04	2.250E-05	.00
17:00	2.500E-04	2.250E-05	.00
17:10	2.500E-04	2.250E-05	.00
17:20	2.500E-04	2.250E-05	.00
17:30	2.500E-04	2.250E-05	.00
17:40	2.500E-04	2.250E-05	.00

FIFTH FLOOR ZONE C

04/14/88

EXERCISE 88-2

TIME	ZONE C IODINE MPC	ZONE C XENON MPC	ZONE C DOSERATE mR/hr
12:30	0.000E+00	6.700E-10	.00
12:40	2.444E-04	2.200E+00	0.88
12:50	2.111E-04	1.900E+00	0.76
13:00	2.000E-04	1.800E+00	0.72
13:10	1.333E-04	1.200E+00	0.48
13:20	9.889E-05	8.900E-01	0.36
13:30	6.222E-05	5.600E-01	0.22
13:40	2.556E-05	2.300E-01	0.09
13:50	9.333E-06	8.400E-02	0.03
14:00	1.333E-06	1.200E-02	.00
14:10	9.889E-07	8.900E-03	.00
14:20	1.444E-07	1.300E-03	.00
14:30	2.733E-08	2.460E-04	.00
14:40	5.000E-09	4.500E-05	.00
14:50	7.222E-10	6.500E-06	.00
15:00	2.500E-10	2.250E-06	.00
15:10	2.500E-10	2.250E-06	.00
15:20	2.500E-10	2.250E-06	.00
15:30	2.500E-10	2.250E-06	.00
15:40	2.500E-10	2.250E-06	.00
15:50	2.500E-10	2.250E-06	.00
16:00	2.500E-10	2.250E-06	.00
16:10	2.500E-10	2.250E-06	.00
16:20	2.500E-10	2.250E-06	.00
16:30	2.500E-10	2.250E-06	.00
16:40	2.500E-10	2.250E-06	.00
16:50	2.500E-10	2.250E-06	.00
17:00	2.500E-10	2.250E-06	.00
17:10	2.500E-10	2.250E-06	.00
17:20	2.500E-10	2.250E-06	.00
17:30	2.500E-10	2.250E-06	.00
17:40	2.500E-10	2.250E-06	.00

add BKG of
.218 mR/hr

1 - RIA-32 READINGS

RIA-32 MULTI-POINT READINGS CPM 04/14/88 EXERCISE 88-2

TIME	POINT 1	POINT 2	POINT 3	POINT 4	POINT 5
12:30	850.01	900.00	750.00	550.00	550.00
12:40	43560850.00	7841700.00	4356750.00	436150.00	436150.00
12:50	37620850.00	6772500.00	3762750.00	376750.00	376750.00
13:00	35640850.00	6416100.00	3564750.00	356950.00	356950.00
13:10	23760850.00	4277700.00	2376750.00	238150.00	238150.00
13:20	17622850.00	3172860.00	1762950.00	176770.00	176770.00
13:30	11088850.00	1996740.00	1109550.00	111430.00	111430.00
13:40	4554850.00	820620.00	456150.00	46090.00	46090.00
13:50	1664050.00	300276.00	167070.00	17182.00	17182.00
14:00	238450.00	43668.00	24510.00	2926.00	2926.00
14:10	177070.00	32619.60	18372.00	2312.20	2312.20
14:20	26590.00	5533.20	3324.00	807.40	807.40
14:30	5720.80	1776.74	1237.08	598.71	598.71
14:40	1741.00	1060.38	839.10	558.91	558.91
14:50	978.70	923.17	762.87	551.29	551.29
15:00	894.55	908.02	754.46	550.45	550.45
15:10	894.55	908.02	754.46	550.45	550.45
15:20	894.55	908.02	754.46	550.45	550.45
15:30	894.55	908.02	754.46	550.45	550.45
15:40	894.55	908.02	754.46	550.45	550.45
15:50	894.55	908.02	754.46	550.45	550.45
16:00	894.55	908.02	754.46	550.45	550.45
16:10	894.55	908.02	754.46	550.45	550.45
16:20	894.55	908.02	754.46	550.45	550.45
16:30	894.55	908.02	754.46	550.45	550.45
16:40	894.55	908.02	754.46	550.45	550.45
16:50	894.55	908.02	754.46	550.45	550.45
17:00	894.55	908.02	754.46	550.45	550.45
17:10	894.55	908.02	754.46	550.45	550.45
17:20	894.55	908.02	754.46	550.45	550.45
17:30	894.55	908.02	754.46	550.45	550.45
17:40	894.55	908.02	754.46	550.45	550.45

1 - RIA-32 READINGS

RIA-32 MULTI-POINT READINGS CPM 04/14/88 EXERCISE 88-2

TIME	POINT 6	POINT 7	POINT 8	POINT 9	POINT 10
12:30	600.00	680.00	650.00	850.00	620.00
12:40	436200.00	218480.00	436250.00	436450.00	436220.00
12:50	376800.00	188780.00	376850.00	377050.00	376820.00
13:00	357000.00	178880.00	357050.00	357250.00	357020.00
13:10	238200.00	119480.00	238250.00	238450.00	238220.00
13:20	176820.00	88790.00	176870.00	177070.00	176840.00
13:30	111480.00	56120.00	111530.00	111730.00	111500.00
13:40	46140.00	23450.00	46190.00	46390.00	46160.00
13:50	17232.00	8996.00	17282.00	17482.00	17252.00
14:00	2976.00	1868.00	3026.00	3226.00	2996.00
14:10	2362.20	1561.10	2412.20	2612.20	2382.20
14:20	857.40	808.70	907.40	1107.40	877.40
14:30	648.71	704.35	698.71	898.71	668.71
14:40	608.91	684.46	658.91	858.91	628.91
14:50	601.29	680.64	651.29	851.29	621.29
15:00	600.45	680.22	650.45	850.45	620.45
15:10	600.45	680.22	650.45	850.45	620.45
15:20	600.45	680.22	650.45	850.45	620.45
15:30	600.45	680.22	650.45	850.45	620.45
15:40	600.45	680.22	650.45	850.45	620.45
15:50	600.45	680.22	650.45	850.45	620.45
16:00	600.45	680.22	650.45	850.45	620.45
16:10	600.45	680.22	650.45	850.45	620.45
16:20	600.45	680.22	650.45	850.45	620.45
16:30	600.45	680.22	650.45	850.45	620.45
16:40	600.45	680.22	650.45	850.45	620.45
16:50	600.45	680.22	650.45	850.45	620.45
17:00	600.45	680.22	650.45	850.45	620.45
17:10	600.45	680.22	650.45	850.45	620.45
17:20	600.45	680.22	650.45	850.45	620.45
17:30	600.45	680.22	650.45	850.45	620.45
17:40	600.45	680.22	650.45	850.45	620.45

1 - RIA-32 READINGS

RIA-32 MULTI-POINT READINGS CPM 04/14/88 EXERCISE 88-2

12:30	600.00	550.00
12:40	1743000.00	871750.00
12:50	1505400.00	752950.00
13:00	1426200.00	713350.00
13:10	951000.00	475750.00
13:20	705480.00	352990.00
13:30	444120.00	222310.00
13:40	182760.00	91630.00
13:50	67128.00	33814.00
14:00	10104.00	5302.00
14:10	7648.80	4074.40
14:20	<u>1629.60</u>	<u>1064.80</u>
14:30	794.83	647.42
14:40	635.64	567.82
14:50	605.15	552.57
15:00	601.78	550.89
15:10	601.78	550.89
15:20	601.78	550.89
15:30	601.78	550.89
15:40	601.78	550.89
15:50	601.78	550.89
16:00	601.78	550.89
16:10	601.78	550.89
16:20	601.78	550.89
16:30	601.78	550.89
16:40	601.78	550.89
16:50	601.78	550.89
17:00	601.78	550.89
17:10	601.78	550.89
17:20	601.78	550.89
17:30	601.78	550.89
17:40	601.78	550.89

SAMPLE TIME	VENT I-131 EQUIV. uCi/ml	VENT Xe-133 EQUIV. uCi/ml
1230	1.500E-13	6.667E-11
1240	1.000E-11	4.444E-9
1250	2.000E-8	8.889E-6
1300	2.000E-5	8.889E-3
1310	4.000E-5	1.778E-2
1320	9.600E-5	4.267E-2
1330	1.884E-4	8.373E-2
1340	1.885E-4	8.378E-2
1350	1.712E-4	7.609E-2
1400	1.709E-4	7.596E-2
1410	1.714E-4	7.618E-2
1420	1.690E-4	7.511E-2
1430	1.712E-4	7.609E-2
1440	1.575E-4	7.000E-2
1450	1.677E-4	7.453E-2
1500	1.735E-4	7.711E-2
1510	1.716E-4	7.627E-2
1520	1.707E-4	7.587E-2
1530	1.463E-4	6.502E-2
1540	1.343E-4	5.969E-2
1550	1.094E-4	4.862E-2
1600	5.300E-5	2.356E-2
1610	9.000E-6	4.000E-3
1620	4.000E-7	1.778E-4
1630	6.000E-8	2.667E-5
1640	5.700E-9	2.533E-6
1650	9.000E-10	4.000E-7
1700	9.000E-10	4.000E-7
1710	9.000E-10	4.000E-7
1720	9.000E-10	4.000E-7
1730	9.000E-10	4.000E-7
1740	9.000E-10	4.000E-7

REACTOR BUILDING OR PADS ANALYSIS SAMPLE RESULTS

Page 1 of 1

SAMPLE TIME	VENT I-131 EQUIV. uCi/ml	VENT Xe-133 EQUIV. uCi/ml
1230	6.900E-9	6.900E-7
1240	2.200E-4	2.200E-2
1250	1.900E-4	1.900E-2
1300	1.800E-4	1.800E-2
1310	1.800E-4	1.800E-2
1320	1.800E-4	1.800E-2

READINGS REMAIN THE SAME AFTER 1320 TO END OF DRILL.

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1230</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>101</u>	RIA-44 UNIT VENT IODINE	CPM
<u>320.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/s LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/s LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/s LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>5.01</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>14253</u>	RIA-47 RB PARTICULATE	CPM
<u>450,400</u>	RIA-48 RB IODINE	CPM
<u>47001.15</u>	RIA-49 RB GAS	CPM
<u>32.0</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0884</u>	RIA-16 MS HDR A	MR/HR
<u>0.1351</u>	RIA-17 MS HDR B	MR/HR
<u>46311</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESSMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1240</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>202.01</u>	RIA-44 UNIT VENT IODINE	CPM
<u>320.04</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>319.29</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>830,400</u>	RIA-48 RB IODINE	CPM
<u>83740</u>	RIA-49 RB GAS	CPM
<u>40</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1204</u>	RIA-16 MS HDR A	MR/HR
<u>0.1777</u>	RIA-17 MS HDR B	MR/HR
<u>47937</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1250</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>34.77</u>	RIA-44 UNIT VENT IODINE	CPM
<u>408.89</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>276.43</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>78730</u>	RIA-49 RB GAS	CPM
<u>40</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0978</u>	RIA-16 MS HDR A	MR/HR
<u>0.1568</u>	RIA-17 MS HDR B	MR/HR
<u>44998.30</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1300</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>12180.48</u>	RIA-44 UNIT VENT IODINE	CPM
<u>89208.89</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>2.22</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>33.0</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1049</u>	RIA-16 MS HDR A	MR/HR
<u>0.1695</u>	RIA-17 MS HDR B	MR/HR
<u>46419.00</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR
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		DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1310</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>35810.89</u>	RIA-44 UNIT VENT IODINE	CPM
<u>178097.78</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>4.44</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>37</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0921</u>	RIA-16 MS HDR A	MR/HR
<u>0.1372</u>	RIA-17 MS HDR B	MR/HR
<u>46398</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
<u>1320</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>92382.48</u>	RIA-44 UNIT VENT IODINE	CPM
<u>426.98/6.67</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>10.67</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>42</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1098</u>	RIA-16 MS HDR A	MR/HR
<u>0.1567</u>	RIA-17 MS HDR B	MR/HR
<u>47132</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1330</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>203307.01</u>	RIA-44 UNIT VENT IODINE	CPM
<u>837653.33</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>20.93</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>40</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1874</u>	RIA-16 MS HDR A	MR/HR
<u>0.1357</u>	RIA-17 MS HDR B	MR/HR
<u>46201</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
1340	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
1	AVG WIND SPEED MW TOWER	MPH
230°	AVG WIND DIRECTION MW TOWER	DEG
21.1 (70°F)	AVG AMBIENT AIR TEMP	DEGC
+1.76	AVG DELTA TEMP MW TW	DEGC
005	AVG WIND SPEED RV SITE	MPH
005	AVG WIND DIRECTION RV SITE	DEG
45000	UNIT VENT FLOW	CFM
314290.36	RIA-44 UNIT VENT IODINE	CPM
838097.78	RIA-45 UNIT VENT GAS LR	CPM
20.94	RIA-46 UNIT VENT GAS HR	CPM
0/5 LOW	RIA-56 VENT GROSS GAMMA	R/HR

0/5 LOW	RIA-57 CONT. MONITOR-B	R/HR
0/5 LOW	RIA-58 CONT. MONITOR-A	R/HR
262.14	RIA-04 RX BLDG ENTRANCE	MR/HR
0/5 HIGH	RIA-47 RB PARTICULATE	CPM
0/5 HIGH	RIA-48 RB IODINE	CPM
77060	RIA-49 RB GAS	CPM
31	RIA-51 PEN. ROOM GAS	CPM
0.0884	RIA-16 MS HDR A	MR/HR
0.1695	RIA-17 MS HDR B	MR/HR
46593	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1350</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>415097.24</u>	RIA-44 UNIT VENT IODINE	CPM
<u>761208.89</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>19.02</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>38</u>	RIA-51 PEN. ROOM GAS	CPM
<u>00999</u>	RIA-16 MS HDR A	MR/HR
<u>0.1562</u>	RIA-17 MS HDR B	MR/HR
<u>47898</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1400</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>515727.65</u>	RIA-44 UNIT VENT IODINE	CPM
<u>759875.56</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>18.99</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>862.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>42</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1198</u>	RIA-16 MS HDR A	MR/HR
<u>0.1378</u>	RIA-17 MS HDR B	MR/HR
<u>47848</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1410</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>616652.18</u>	RIA-44 UNIT VENT IODINE	CPM
<u>762097.78</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>19.04</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.44</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>40</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0961</u>	RIA-16 MS HDR A	MR/HR
<u>0.1563</u>	RIA-17 MS HDR B	MR/HR
<u>46593</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1420</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>716164.95</u>	RIA-44 UNIT VENT IODINE	CPM
<u>751431.11</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>18.78</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>45</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0962</u>	RIA-16 MS HDR A	MR/HR
<u>0.1398</u>	RIA-17 MS HDR B	MR/HR
<u>47538</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1430</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>816971.83</u>	RIA-44 UNIT VENT IODINE	CPM
<u>761208.89</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>19.02</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>268.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>34</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0976</u>	RIA-16 MS HDR A	MR/HR
<u>0.1698</u>	RIA-17 MS HDR B	MR/HR
<u>47683</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR
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		DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1440</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>909719.89</u>	RIA-44 UNIT VENT IODINE	CPM
<u>700380.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>17.50</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>38</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1198</u>	RIA-16 MS HDR A	MR/HR
<u>0.1673</u>	RIA-17 MS HDR B	MR/HR
<u>46489</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1450</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>745453.33</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>18.63</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>OK HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>42</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1176</u>	RIA-16 MS HDR A	MR/HR
<u>0.1369</u>	RIA-17 MS HDR B	MR/HR
<u>14205</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
<u>1500</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>771431.11</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>19.28</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77380</u>	RIA-49 RB GAS	CPM
<u>37</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1200</u>	RIA-16 MS HDR A	MR/HR
<u>0.1776</u>	RIA-17 MS HDR B	MR/HR
<u>47936</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
<u>1510</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>762986.67</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>19.07</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>33</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0999</u>	RIA-16 MS HDR A	MR/HR
<u>0.1378</u>	RIA-17 MS HDR B	MR/HR
<u>46581</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
1520	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
1	AVG WIND SPEED MW TOWER	MPH
230°	AVG WIND DIRECTION MW TOWER	DEG
21.1 (70°F)	AVG AMBIENT AIR TEMP	DEGC
+1.76	AVG DELTA TEMP MW TW	DEGC
005	AVG WIND SPEED RV SITE	MPH
005	AVG WIND DIRECTION RV SITE	DEG
45000	UNIT VENT FLOW	CFM
0/5 HIGH	RIA-44 UNIT VENT IODINE	CPM
758986.67	RIA-45 UNIT VENT GAS LR	CPM
18.97	RIA-46 UNIT VENT GAS HR	CPM
0/5 LOW	RIA-56 VENT GROSS GAMMA	R/HR
0/5 LOW	RIA-57 CONT. MONITOR-B	R/HR
0/5 LOW	RIA-58 CONT. MONITOR-A	R/HR
862.14	RIA-04 RX BLDG ENTRANCE	MR/HR
0/5 HIGH	RIA-47 RB PARTICULATE	CPM
0/5 HIGH	RIA-48 RB IODINE	CPM
77060	RIA-49 RB GAS	CPM
38	RIA-51 PEN. ROOM GAS	CPM
0.0899	RIA-16 MS HDR A	MR/HR
0.1685	RIA-17 MS HDR B	MR/HR
46600	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
<u>1530</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>650542.22</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>16.26</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR

<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>212.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>50</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0111</u>	RIA-16 MS HDR A	MR/HR
<u>0.1698</u>	RIA-17 MS HDR B	MR/HR
<u>46895</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1540</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>597208.89</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>14.92</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>49</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0978</u>	RIA-16 MS HDR A	MR/HR
<u>0.1402</u>	RIA-17 MS HDR B	MR/HR
<u>46465</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
<u>1550</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>486542.22</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>12.16</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>50</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0884</u>	RIA-16 MS HDR A	MR/HR
<u>0.1351</u>	RIA-17 MS HDR B	MR/HR
<u>46311</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1600</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>235875.56</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>5.89</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR

<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>54</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0921</u>	RIA-16 MS HDR A	MR/HR
<u>0.1768</u>	RIA-17 MS HDR B	MR/HR
<u>46989</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1610</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>40320.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>1.00</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>48</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1198</u>	RIA-16 MS HDR A	MR/HR
<u>0.1556</u>	RIA-17 MS HDR B	MR/HR
<u>46512</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
<u>1620</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>2097.78</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0.04</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>59</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1200</u>	RIA-16 MS HDR A	MR/HR
<u>0.1450</u>	RIA-17 MS HDR B	MR/HR
<u>46811</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1630</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>586.67</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0.01</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR

<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>39.0</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0819</u>	RIA-16 MS HDR A	MR/HR
<u>0.1568</u>	RIA-17 MS HDR B	MR/HR
<u>46419</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1640</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>345.33</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>35</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1153</u>	RIA-16 MS HDR A	MR/HR
<u>0.1569</u>	RIA-17 MS HDR B	MR/HR
<u>47192</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1650</u>	TIME 24 HOUR FORMAT i.e. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>324.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>60</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0912</u>	RIA-16 MS HDR A	MR/HR
<u>0.1764</u>	RIA-17 MS HDR B	MR/HR
<u>47111</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1700</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>324.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>57</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0998</u>	RIA-16 MS HDR A	MR/HR
<u>0.1654</u>	RIA-17 MS HDR B	MR/HR
<u>46787</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
1710	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
1	AVG WIND SPEED MW TOWER	MPH
230°	AVG WIND DIRECTION MW TOWER	DEG
21.1 (70°F)	AVG AMBIENT AIR TEMP	DEGC
+1.76	AVG DELTA TEMP MW TW	DEGC
005	AVG WIND SPEED RV SITE	MPH
005	AVG WIND DIRECTION RV SITE	DEG
45000	UNIT VENT FLOW	CFM
0/5 HIGH	RIA-44 UNIT VENT IODINE	CPM
324.00	RIA-45 UNIT VENT GAS LR	CPM
0	RIA-46 UNIT VENT GAS HR	CPM
0/5 LOW	RIA-56 VENT GROSS GAMMA	R/HR
0/5 LOW	RIA-57 CONT. MONITOR-B	R/HR
0/5 LOW	RIA-58 CONT. MONITOR-A	R/HR
262.14	RIA-04 RX BLDG ENTRANCE	MR/HR
0/5 HIGH	RIA-47 RB PARTICULATE	CPM
0/5 HIGH	RIA-48 RB IODINE	CPM
77060	RIA-49 RB GAS	CPM
58	RIA-51 PEN. ROOM GAS	CPM
0.1094	RIA-16 MS HDR A	MR/HR
0.1564	RIA-17 MS HDR B	MR/HR
46813	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ****	DESCRIPTION *****	UNITS
1720	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
1	AVG WIND SPEED MW TOWER	MPH
230°	AVG WIND DIRECTION MW TOWER	DEG
21.1 (70°F)	AVG AMBIENT AIR TEMP	DEGC
+1.76	AVG DELTA TEMP MW TW	DEGC
005	AVG WIND SPEED RV SITE	MPH
005	AVG WIND DIRECTION RV SITE	DEG
45000	UNIT VENT FLOW	CFM
0/5 HIGH	RIA-44 UNIT VENT IODINE	CPM
324.00	RIA-45 UNIT VENT GAS LR	CPM
0	RIA-46 UNIT VENT GAS HR	CPM
0/5 LOW	RIA-56 VENT GROSS GAMMA	R/HR
0/5 LOW	RIA-57 CONT. MONITOR-B	R/HR
0/5 LOW	RIA-58 CONT. MONITOR-A	R/HR
262.44	RIA-04 EX BLDG ENTRANCE	MR/HR
0/5 HIGH	RIA-47 RB PARTICULATE	CPM
0/5 HIGH	RIA-48 RB IODINE	CPM
77060	RIA-49 RB GAS	CPM
35	RIA-51 PEN. ROOM GAS	CPM
0.1204	RIA-16 MS HDR A	MR/HR
0.1777	RIA-17 MS HDR B	MR/HR
47937	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1730</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>324.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77040</u>	RIA-49 RB GAS	CPM
<u>57</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.1197</u>	RIA-16 MS HDR A	MR/HR
<u>0.1568</u>	RIA-17 MS HDR B	MR/HR
<u>46375</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR

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DEM023

*** THIS IS A DRILL ***
DOSE ASSESMENT DATA SHEET
OCONEE NUCLEAR STATION
UNIT #1

VALUE ***	DESCRIPTION *****	UNITS
<u>1740</u>	TIME 24 HOUR FORMAT ie. 15:30	HH:MM
<u>- 1</u>	AVG WIND SPEED MW TOWER	MPH
<u>230°</u>	AVG WIND DIRECTION MW TOWER	DEG
<u>21.1 (70°F)</u>	AVG AMBIENT AIR TEMP	DEGC
<u>+1.76</u>	AVG DELTA TEMP MW TW	DEGC
<u>005</u>	AVG WIND SPEED RV SITE	MPH
<u>005</u>	AVG WIND DIRECTION RV SITE	DEG
<u>45000</u>	UNIT VENT FLOW	CFM
<u>0/5 HIGH</u>	RIA-44 UNIT VENT IODINE	CPM
<u>324.00</u>	RIA-45 UNIT VENT GAS LR	CPM
<u>0</u>	RIA-46 UNIT VENT GAS HR	CPM
<u>0/5 LOW</u>	RIA-56 VENT GROSS GAMMA	R/HR
<u>0/5 LOW</u>	RIA-57 CONT. MONITOR-B	R/HR
<u>0/5 LOW</u>	RIA-58 CONT. MONITOR-A	R/HR
<u>262.14</u>	RIA-04 RX BLDG ENTRANCE	MR/HR
<u>0/5 HIGH</u>	RIA-47 RB PARTICULATE	CPM
<u>0/5 HIGH</u>	RIA-48 RB IODINE	CPM
<u>77060</u>	RIA-49 RB GAS	CPM
<u>59</u>	RIA-51 PEN. ROOM GAS	CPM
<u>0.0958</u>	RIA-16 MS HDR A	MR/HR
<u>0.1455</u>	RIA-17 MS HDR B	MR/HR
<u>47963</u>	RIA-40 C.S.A.E. EXHAUST	MR/HR
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		DEM023

External Whole Body Dose Rates
(mR/hr, closed window reading)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1240	A						
	B						
	C						
1250	A	5.25					
	B	2.63					
	C						
1300	A	8.25					
	B	4.13					
	C						
1310	A	10.50	1.05				
	B	5.25					
	C	1.05					
1320	A	21.00	1.65				
	B	10.50					
	C	2.10					
1330	A	50.20	2.10				
	B	25.10	1.05				
	C	5.02					
1340	A	98.60	4.20				
	B	49.30	2.10				
	C	9.86					
1350	A	98.60	10.04				
	B	49.30	5.02				
	C	9.86	1.04				
1400	A	89.00	19.72	1.05			
	B	44.50	9.86				
	C	8.90	1.97				
1410	A	89.00	19.72	2.10			
	B	44.50	9.86	1.05			
	C	8.90	1.97				

- NOTE:
- 1) Blank values are equal to the actual instrument reading.
 - 2) Open window instrument reading (mR/hr) = 1.50 * closed window.
 - 3) Frisker reading (ccpm) = 1.0E+4 * closed window reading.

External Whole Body Dose Rates
(mR/hr, closed window reading)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1420	A	89.00	17.80	5.02			
	B	44.50	8.90	2.51			
	C	8.90	1.78				
1430	A	89.00	17.80	9.86			
	B	44.50	8.90	4.93			
	C	8.90	1.78	0.99			
1440	A	89.00	17.80	9.86			
	B	44.50	8.90	4.93			
	C	8.90	1.78	0.99			
1450	A	89.00	17.80	8.90			
	B	44.50	8.90	4.45			
	C	8.90	1.78	0.89			
1500	A	89.00	17.80	8.90			
	B	44.50	8.90	4.45			
	C	8.90	1.78	0.89			
1510	A	88.00	17.80	8.90	1.07		
	B	44.50	8.90	4.45			
	C	8.90	1.78	0.89			
1520	A	88.00	17.80	8.90	2.56		
	B	44.50	8.90	4.45	1.28		
	C	8.90	1.78	0.89			
1530	A	74.90	17.80	8.90	5.02		
	B	37.45	8.90	4.45	2.51		
	C	7.49	1.78	0.89			
1540	A	76.60	17.80	8.90	5.02		
	B	38.30	8.90	4.45	2.51		
	C	7.66	1.78	0.89			
1550	A	70.30	14.98	8.90	4.53		
	B	35.15	7.49	4.45	2.26		
	C	7.03	1.50	0.89			

- NOTE:
- 1) Blank values are equal to the actual instrument reading.
 - 2) Open window instrument reading (mR/hr) = 1.50 * closed window.
 - 3) Frisker reading (ccpm) = 1.0E+4 * closed window reading.

External Whole Body Dose Rates
(mR/hr, closed window reading)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1600	A	57.30	15.32	8.90	4.53		
	B	28.65	7.66	4.45	2.26		
	C	5.73	1.53	0.89			
1610	A	11.50	14.06	8.90	4.53	0.68	
	B	5.75	7.03	4.45	2.26		
	C	1.15	1.41	0.89			
1620	A	4.70	11.46	7.49	4.53	1.64	
	B	2.35	5.73	3.74	2.26	0.82	
	C		1.15	0.75			
1630	A		2.30	7.66	4.53	3.23	
	B		1.15	3.83	2.26	1.61	
	C			0.77			
1640	A		0.94	7.03	4.53	3.23	
	B			3.51	2.26	1.61	
	C			0.70			
1650	A			5.73	4.53	2.91	
	B			2.86	2.26	1.45	
	C						
1700	A			1.15	4.53	2.91	
	B			2.26	1.45		
	C						
1710	A				4.53	2.91	0.49
	B				2.26	1.45	
	C						
1720	A				3.81	2.91	1.19
	B				1.90	1.45	0.59
	C						
1730	A				3.90	2.91	2.33
	B				1.95	1.45	1.16
	C						

- NOTE:
- 1) Blank values are equal to the actual instrument reading.
 - 2) Open window instrument reading (mR/hr) = 1.50 * closed window.
 - 3) Frisker reading (ccpm) = 1.0E+4 * closed window reading.

N

LAKE KEOWEE

VISITOR
CENTER

MC 119

Asheville Avenue

Oconee Nuclear Station Site

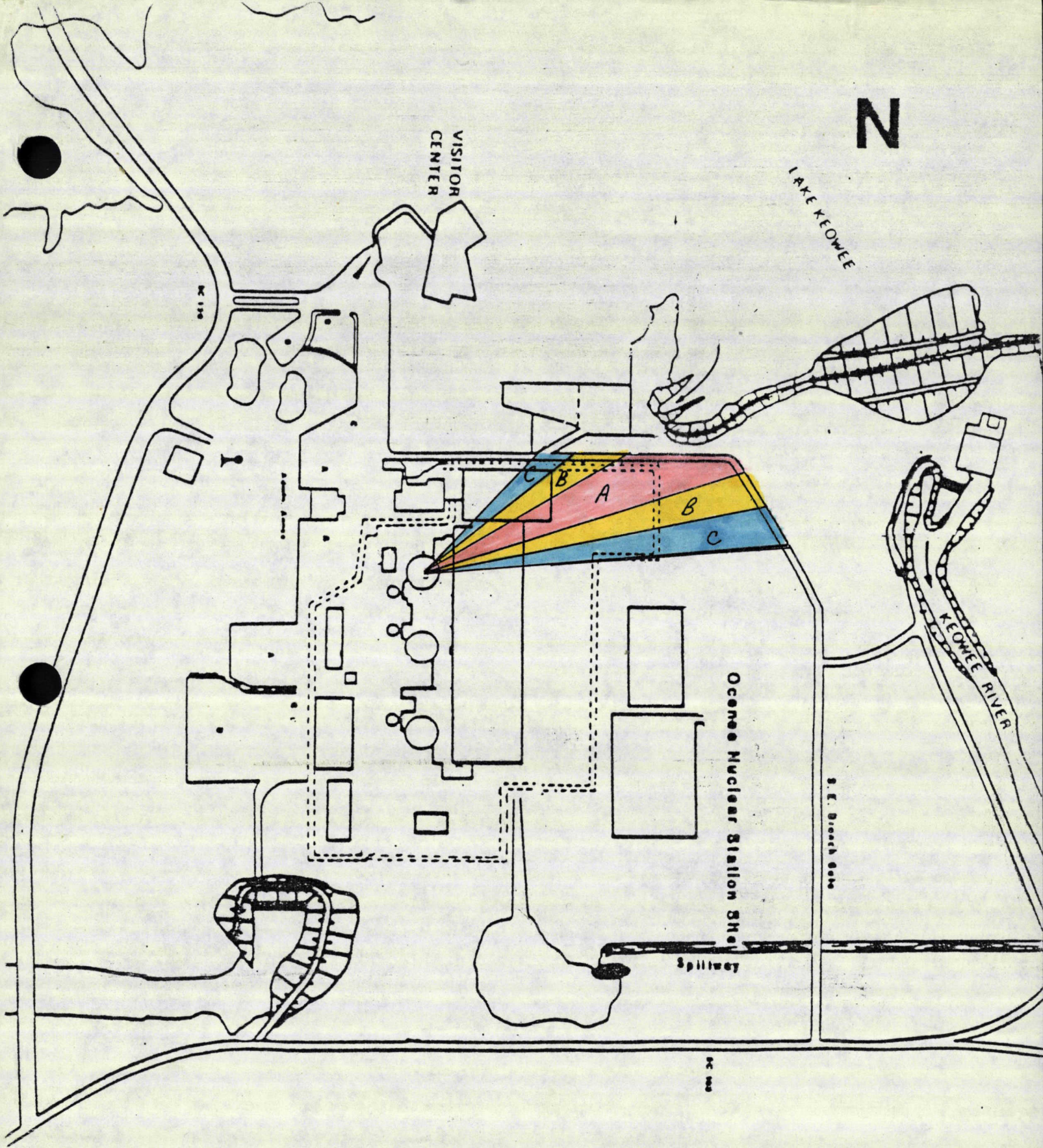
S. E. Branch Gate

Spillway

KEOWEE RIVER

MC 120

(b) (c) (d) (e) (f) (g) (h) (i) (k) (m) (n) (o)



FIRE AND MEDICAL
ANNUAL EXERCISE 88-2
PREPLAN

I. SCENARIO DATE AND TIME:

April 13, 1988 at approximately 1715 hours.

IA. SCENARIO:

An Oconee Nuclear Station truck that is hauling hazardous materials, including flammable and combustible liquids and gases, is involved in an accident with another vehicle near Warehouse Number 7. Smoke is coming out of the truck's engine compartment and there is a possibility of personnel injury and fire and an explosion hazard.

III.OBJECTIVES:

The objectives of this drill are to test and evaluate the effectiveness of notification, response, coordination, communication and actions of the ONS Fire Brigade, MERT and offsite agency (Fire Department(s)) response to an emergency incident.

IV. ASSESSMENTS:

1. Fire Brigade, MERT and offsite agency notification, assembly and response.
2. Communications
3. Use of personal protective equipment
4. Hazardous materials ID and assessment
5. Appropriate medical procedures
6. Appropriate equipment selection, staging and use
7. Brigade leaders, MERT leaders and Fire Department leaders and the Incident Command System (ICS).
8. Appropriate incident mitigation

FIRE AND MEDICAL DRILL PREPLAN

Page 2

KEY POINTS:

1. What type of Brigade, MERT and Fire Department notification is used?
2. Is the method(s) of notification adequate for appropriate response?
3. Is communication established with the Control Room by the responding ONS Incident Commander and is appropriate communication established by the IC with other responding groups and agencies?
4. Is an appropriate Command Post established by the IC and appropriate staging area(s) set up for personnel and equipment deployment?
5. Is there appropriate identification of the hazardous materials problem and appropriate assessment of this problem in comparison to the personnel injury (driver)? In other words, how does the IC establish priorities?
6. Is appropriate personal protective equipment utilized by all actively involved responders?
7. Is the total envelope of the Incident Command System utilized and does it prove effective for incident mitigation? This includes the interaction of all responders.
8. Is there proper selection, placement and use of manual fire suppression equipment?
9. Does MERT provide appropriate medical care by assessing the injuries properly and utilizing appropriate equipment?
10. Is Security utilized as necessary?

External Whole Body Dose Rates
(mR/hr, closed window reading)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1740	A				3.58	2.91	2.33
	B				1.79	1.45	1.16
	C						

- NOTE:
- 1) Blank values are equal to the actual instrument reading.
 - 2) Open window instrument reading (mR/hr) = 1.50 * closed window.
 - 3) Frisker reading (ccpm) = 1.0E+4 * closed window reading.

ND-6 Iodine Readings
(net cpm)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1240	A						
	B						
	C						
1250	A						
	B						
	C						
1300	A	50					
	B	25					
	C						
1310	A	50715					
	B	25357					
	C	5072					
1320	A	101435	10				
	B	50717					
	C	10144					
1330	A	243440	10143				
	B	121720	5071				
	C	24344	1014				
1340	A	477760	20287				
	B	238880	10143				
	C	47776	2028				
1350	A	478010	48688	5			
	B	239005	24344				
	C	47801	4868				
1400	A	434140	95552	5072			
	B	217070	47776	2536			
	C	43414	9555	507			
1410	A	433380	95602	10143			
	B	216690	47801	5071			
	C	43338	9560	1014			

NOTE: 1) If the analyzer does not pass the quality control check do not provide the field monitoring team with valid data.

2) Blank values are equal to the actual instrument reading.

3) ND6 Eff = 6% and Sample Volume = 100,000 ml for drill purposes.

ND-6 Iodine Readings
(net cpm)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1420	A	434650	86828	24344			
	B	217325	43414	12172			
	C	43465	8682	2434			
1430	A	428560	86676	47776			
	B	214280	43338	23888			
	C	42856	8667	4778			
1440	A	434140	86930	47801			
	B	217070	43465	23900			
	C	43414	8693	4780			
1450	A	399400	85712	43414	3		
	B	199700	42856	21707			
	C	39940	8571	4341			
1500	A	425265	86828	43338	2582		
	B	212632	43414	21669	1291		
	C	42526	8682	4333	258		
1510	A	439975	79880	43465	5164		
	B	219987	39940	21732	2582		
	C	43998	7988	4347	516		
1520	A	435155	85053	42856	12393		
	B	217577	42526	21428	6196		
	C	43515	8505	4285	1239		
1530	A	432875	87995	43414	24322		
	B	216437	43997	21707	12161		
	C	43287	8799	4341	2432		
1540	A	371000	87031	39940	24335		
	B	185500	43515	19970	12167		
	C	37100	8703	3994	2433		
1550	A	340565	86575	42526	22101		
	B	170282	43287	21263	11050		
	C	34056	8657	4252	2210		

NOTE: 1) If the analyzer does not pass the quality control check do not provide the field monitoring team with valid data.

2) Blank values are equal to the actual instrument reading.

3) ND6 Eff = 6% and Sample Volume = 100,000 ml for drill purposes.

ND-6 Iodine Readings
(net cpm)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1600	A	277425	74200	43997	22063	2	
	B	138712	37100	21998	11031		
	C	27742	7420	4399	2206		
1610	A	134400	68113	43515	22127	1659	
	B	67200	34056	21757	11063	829	
	C	13440	6811	4351	2212	166	
1620	A	22820	55485	43287	21817	3319	
	B	11410	27742	21643	10908	1659	
	C	2282	5548	4328	2181	331	
1630	A	1010	26880	37100	22101	7967	
	B	505	13440	18550	11050	3983	
	C	101	2688	3710	2210	797	
1640	A	150	4564	34056	20333	15635	
	B	75	2282	17028	10166	7817	
	C	15	456	3405	2033	1563	
1650	A	10	202	27742	21650	15644	
	B	5	101	13871	10825	7822	
	C		20	2774	2165	1564	
1700	A		30	13440	22398	14208	
	B		15	6720	11199	7104	
	C			1344	2239	1421	
1710	A			2282	22153	14183	1198
	B			1141	11076	7091	599
	C			228	2215	1418	120
1720	A			101	22037	14224	2397
	B			50	11018	7112	1198
	C			10	2203	1422	239
1730	A			15	18887	14025	5754
	B			8	9443	7012	2877
	C				1889	1402	575

NOTE: 1) If the analyzer does not pass the quality control check do not provide the field monitoring team with valid data.

2) Blank values are equal to the actual instrument reading.

3) ND6 Eff = 6% and Sample Volume = 100,000 ml for drill purposes.

ND-6 Iodine Readings
(net cpm)

Scenario Time	Zone	FENCE	0.5	1	2	3	4
1740	A				17338	14208	11292
	B				8669	7104	5646
	C				1734	1421	1129

- NOTE: 1) If the analyzer does not pass the quality control check do not provide the field monitoring team with valid data.
- 2) Blank values are equal to the actual instrument reading.
- 3) ND6 Eff = 6% and Sample Volume = 100,000 ml for drill purposes.