DUKE POWER COMPANY

CRISIS MANAGEMENT

IMPLEMENTING PROCEDURES

MAy 1,1992

IMPLEMENTING PROCEDURES
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May 1,1992

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-1

RECOVERY MANAGER & IMMEDIATE STAFF

Rev. 46

May 1, 1992

Approved By

4-9-92
Date

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE
RECOVERY MANAGER AND IMMEDIATE STAFF

1.0 SYMPTOMS

1.1 An emergency has occurred that warrants staffing the CMC.

1.2 CMC pagers will be activated containing one of the following messages:

"Blue Delta"	(Oconee Drill)
"Blue Echo"	(Oconee Emergency)
"McGuire Delta"	(McGuire Drill)
"McGuire Echo"	(McGuire Emergency)
"Catawba Delta"	(Catawba Drill)
"Catawba Echo"	(Catawba Emergency)

1.3 Personnel without pagers receive a phone call per Enclosure 4.2.

2.0 IMMEDIATE ACTIONS

2.1 Key CMC personnel will be notified via pagers. The duty engineer will also call CMC personnel per Enclosure 4.1, Duty Engineer Call List.

2.2 The Emergency Planner will notify the Administrative Assistant and the Emergency Planner Assistant using Enclosure 4.2. Phone numbers are listed in Enclosure 4.3.

2.3 Travel to the CMC. Use Enclosures 4.4 and 4.5 for directions to the Oconee CMC.

NOTE: The following immediate actions apply for Catawba or McGuire only. CMIP-15 covers immediate actions for Oconee.

2.4 The Recovery Manager should notify the Emergency Coordinator at the TSC of his arrival at the CMC.

2.5 Any person who has consumed alcohol within the past 5 hours will notify the Recovery Manager. The Recovery Manager or designee will determine whether the person is fit to perform emergency duties (This is not required if this determination was already made via telephone.)

2.6 Determine whether the CMC is ready for activation using Enclosure 4.6.

2.7 Receive turnover from the Emergency Coordinator at the TSC by completing Enclosure 4.7.

2.8 Announce to all CMC personnel that the CMC is activated. See Enclosure 4.8 for a sample announcement of CMC activation.

2.9 Ensure that the state(s) and counties are notified of CMC activation by the state/county communicator.

2.10 Ensure that the TSC will notify the NRC of CMC activation.

3.0 SUBSEQUENT ACTIONS

3.1 Periodically discuss plant status with the Emergency Coordinator at the TSC.

3.2 Provide frequent (about every 30 minutes) status updates to CMC personnel.

3.3 Contact the state periodically to discuss overall emergency status, explain the basis for protective action recommendations, etc. Key contacts are as follows:

North Carolina:

Joe Myers - SERT Leader
David Crisp - Alternate SERT Leader
Chip Patterson - Operations Officer

South Carolina:

Paul Lunsford - Director, Emergency Preparedness Division
George Schneider - Operations Officer

3.4 Determine the appropriate emergency classification per RP/0/A/5000/01 (Catawba), RP/0/A/5700/00 (McGuire), or RP/0/B/1000/01 (Oconee) as applicable. If a change is made to the emergency classification:

3.4.1 Announce the emergency class and the time of classification to CMC personnel,

3.4.2 Notify the Emergency Coordinator of the change,

3.4.3 Ensure that the states and counties are notified within 15 minutes,

3.4.4 Ensure that the TSC will notify the NRC within 1 hour,

3.5 Determine the appropriate protective action recommendations using Enclosure 4.9. (Procedure RP/0/B/1000/06 may be used for Oconee.) These recommendations will be communicated by the State/County Communicator. The Recovery Manager should discuss the bases for the recommendations with the states or counties.
Decisions to notify and recommend protective actions to states and counties may not be delegated.

3.6 Whenever time allows, decide who will be the backup Recovery Manager and establish a shift rotation.

3.7 If the CMC cannot fulfill its role and manage the emergency response effort (e.g., due to loss of phone communications), the lead should be transferred back to the TSC. Use Enclosure 4.7 to provide turnover to the Emergency Coordinator at the TSC.

3.8 If the termination criteria shown in Enclosure 4.15 are met, the Recovery Manager may terminate the emergency. Any decision to terminate from a General Emergency condition must be discussed with the Senior NRC and State representatives.

The Recovery Manager may enter into a Recovery phase if the post-accident conditions warrant management or coordination of the recovery activities beyond that of a normal outage. (In general, a Recovery phase should be initiated after a General Emergency or after some Site Area Emergency conditions.)

To initiate Recovery operations, perform the following actions:

3.8.1 Verify that the termination criteria in Enclosure 4.15 are met.

3.8.2 Identify a Recovery organization per Enclosure 4.16.

3.8.3 Discuss the decision to enter Recovery with the Senior NRC and State representatives prior to implementation.

3.8.4 Develop a brief message (See Enclosure 4.17) to announce the time and date of the initiation of Recovery operations and identify the Recovery organization. Distribute this message to the appropriate Federal, State, and local government agencies and to the TSC via telecopier. Also, distribute the message to the CMC group managers and announce this to all CMC personnel.

3.9 If the emergency class is reduced or terminated, instruct the Emergency Communications Manager to provide a verbal summary and provide a written summary of the event within 8 hours to the states and counties.

4.0 ENCLOSURES

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4.3 Call List
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4.5 Oconee CMC General Layout
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4.16 Recovery Organization
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DUTY ENGINEER CMC CALL LIST

To staff the CMC, the Duty Engineer will call CMC Access Control personnel, a Recovery Manager, Emergency Planner, and one person from each CMC group. Calls should be made in the sequence listed below. After being contacted, these persons are responsible for notifying the rest of their groups per their respective Crisis Management Implementing Procedures.

CMC Access Control:

A. For emergencies at Catawba or McGuire, Corporate Security should be notified to unlock and set up access control at the CMC in the Power Building.

Corporate Security - Power Building - 373-5950

B. For emergencies at Oconee, CMD-South Security will be called by the Oconee switchboard operator.

Recovery Manager	Work No.	Home No.
M. S. Tuckman	803/831-3205	
W. M. Sample	704/373-8485	
R. M. Koehler	704/373-7045	
D. W. Murdock	704/373-4033	
D. L. Rehn	704/373-4685	
B. L. Peele, Jr.	704/373-4185 or 803/885-3487	

Emergency Communications		
P. R. Herran	704/875-4805	
D. C. Kesler	704/373-7433	
R. L. White	704/373-4375	
S. F. Lindsey	704/373-8768	
G. T. Smith	704/373-5125	
L. F. Firebaugh	704/373-5228	
R. L. Weber	704/373-4130	
R. F. Cole	704/373-8469	
E. O. McCraw	704/373-8365	

Radiological Assessment	Work No.	Home No.
R. W. Eaker	704/373-4373	
D. T. Parsons	803/831-3407	
Ken Johnson	704/373-5486	
David Vaught	803/831-3079	
Jim Twiggs	704/373-2802	
Lance Loucks	704/373-2377	
Skip McInvale	704/382-1027	

Plant Assessment

J. W. Simmons	704/373-5781
J. A. Reavis	704/875-4689
K. S. Canady	704/373-4712
P. M. Abraham	704/373-4520
R. H. Clark	704/373-5823
R. G. Snipes	704/373-8704

News Group

Roberta Bowman	704/373-3208
Susie Adams	704/875-5606
Mike Mullen	704/373-2812
Andy Thompson	803/831-3600
Guynn Savage	704/373-4530
24 Hour customer services	704/373-8050

Emergency Planner

R. E. Harris	803/885-3419
W. B. McRee	704/373-5149
D. P. Simpson	704/373-8669
P. N. McNamara (excluding Catawba)	803/831-3234
C. C. Jennings (excluding Oconee)	803/885-3294
R. L. Hasty (excluding McGuire)	704/875-4662

Administration & Logistics

R. F. Smith	704/373-4470
Steve Kessler	704/373-7123
Ed Morton	704/373-4893
G. L. Allen	704/373-2844

Before making additional notifications, call the TSC to get a status update, including the class of emergency and the initiating condition:

Catawba TSC	831-7410 or 831-2874
McGuire TSC	875-4951
Oconee TSC	885-3712

The following should be notified although they are not a part of the CMC:

INPO Duty Officer (24-hour numbers)	404/953-0904 404/953-0922

Westinghouse (McGuire)

Dick Puryear (P)	704/875-4525

Westinghouse (Catawba)

Dick Puryear (P)	803/831-3181 803/831-3182 Beeper 219	[redacted]

Westinghouse (Headquarters) (Notify only when the local representative cannot be reached)

Steve Tritch (Director, ER Team)	412/374-4868	[redacted] Home Hot Line
412/369-8553		
Ron Lehr (Deputy Director, ER Team)	412/722-5867	[redacted] Home Hot Line
412/856-7613		
Don Fuller (Duke Power Proj. Mgr.)	412/374-3380	[redacted]
Frank Modrak (1st Alternate)	412/374-3333	

Babcock & Wilcox (Oconee only)

L. H. Williams (P)	803/885-3090,-3091	[redacted]
J. G. Brown	804/847-3301	

CMC EMERGENCY ACTIVATION MESSAGE

If the CMC is to be activated, the Duty Engineer uses this form to contact at least one person from each Crisis Management Center group. Eacn group in the CMC uses this format to alert its members according to the group's Crisis Management Implementing Procedure.

Message

1. This is a drill/actual emergency at _____ Nuclear Station.

2. Have you consumed alcohol within the past 5 hours?

   (If "no", skip to Item 3. If "yes", ask the following questions, and use judgement to determine whether the person is fit for duty.)

   (a) What did you consume?
   (b) How much did you consume?
   (c) Can you perform your duties unimpaired?
   (d) Can you drive safely?

3. You should use the procedure for your CMC group to notify your portion of the Crisis Management Center organization and report to:

   _____ the Catawba/McGuire CMC (Power Building)

   _____ the Oconee CMC

CALL LIST

Emergency Planner

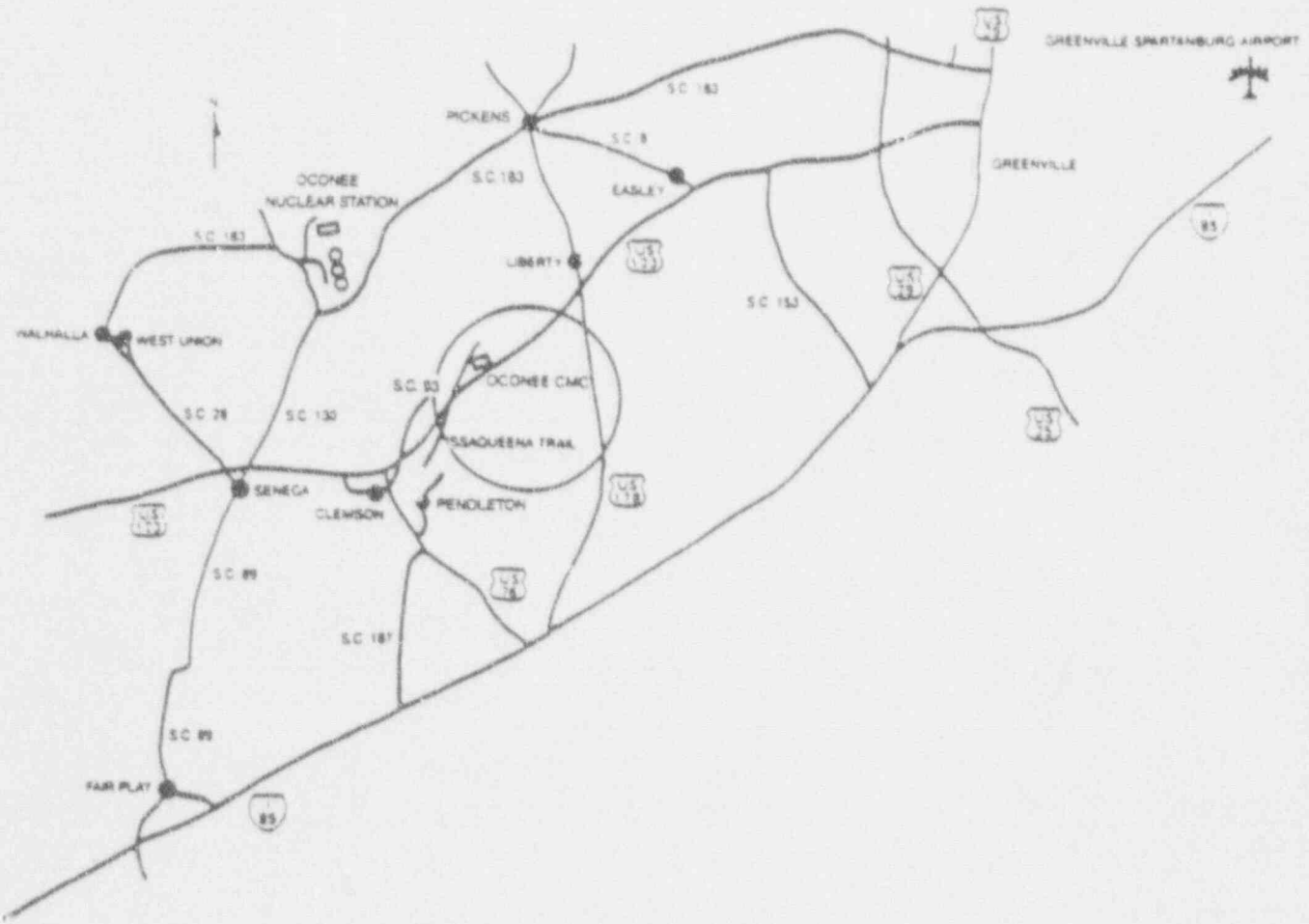
Administrative Asst.

Emergency Planner Asst.

Recovery Manager	Home	Work
M. S. Tuckman	[redacted]	803/831-3205
W. M. Sample		704/373-8485
R. M. Koehler		704/373-7045
D. W. Murdock		704/373-4033
D. L. Rehn		704/373-4685
B. L. Peele, Jr.		704/373-4185 or 803/885-3487
Emergency Planner		
R. E. Harris (Primary)	[redacted]	803/885-3419
W. B. McRee		704/373-5149
D. P. Simpson		704/373-8669
P. N. McNamara (excl. Catawba)		803/831-3234
C. C. Jennings (excl. Oconee)		803/885-3294
R. L. Hasty (excl. McGuire)		704/875-4662
Administrative Asst.		
M. P. Nelms (Primary)	[redacted]	803/831-3067
L. L. Kessler		704/373-7203
A. B. Hewitt		704/382-0003
Emergency Planner Asst.		
J. J. Honeycutt		704/373-7705

If you are paged but do not hear the message, call the Duty Engineer at (704) 373-5491 or pager number 2212.

OCONEE CMC
GENERAL LOCATION



From Charlotte:

Take I-85 South to Exit 40 (S.C. 153). Go right (toward Easley) about 8 miles to U.S. 123. Go through Easley and continue to the Issaqueena Trail exit. Then go right about 1/4 mile to the CMC.

NOTE: NOT TO SCALE

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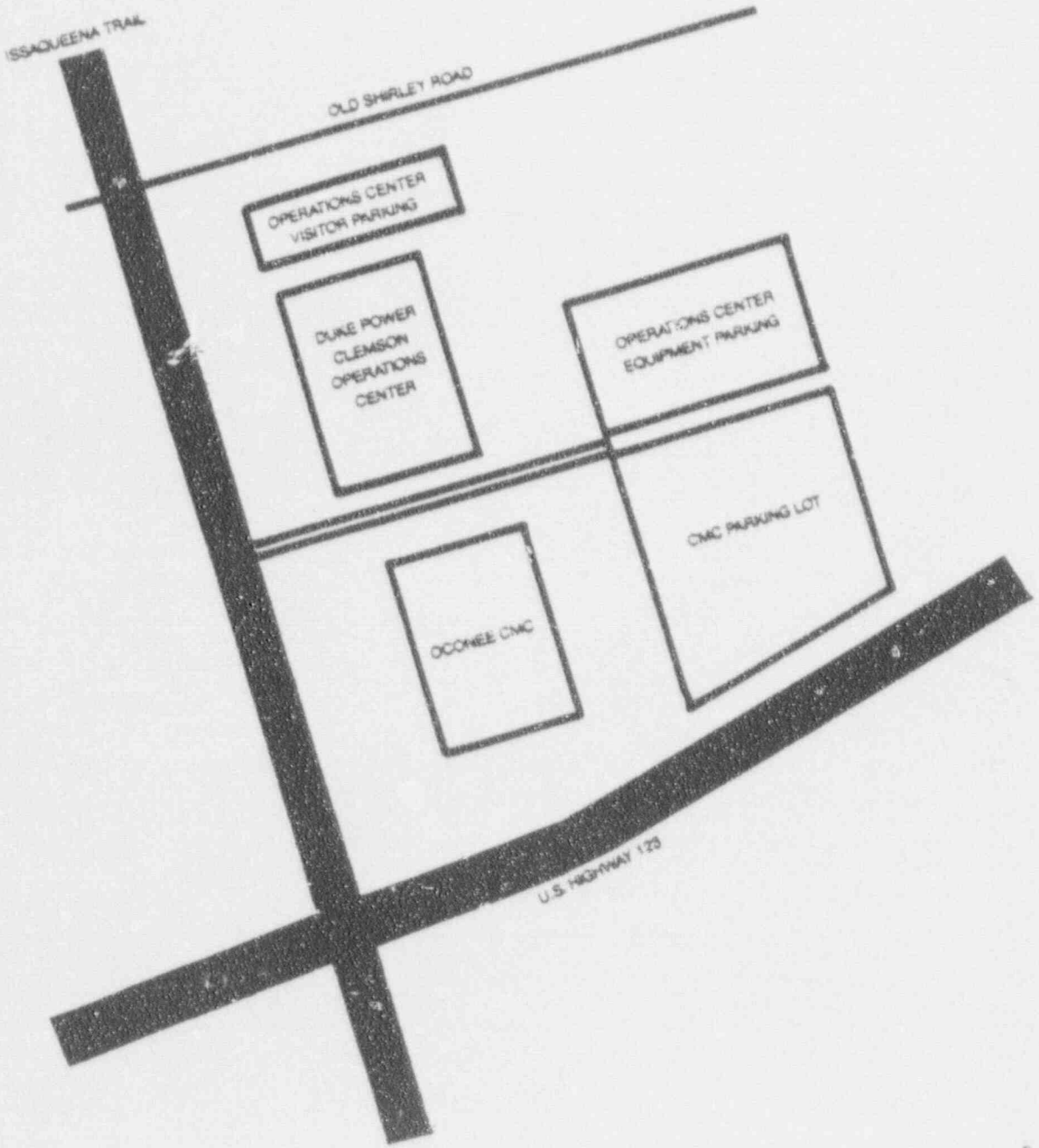
Jan. 15, 1990

OCONEE CMC GENERAL LAYOUT



CMC READINESS CHECKLIST

1. The following positions are staffed with personnel capable of performing their duties:

_____ Recovery Manager

_____ Radiological Assessment Manager

_____ Plant Assessment Manager

_____ Emergency Communications Manager

_____ State/County Communicator

_____ Access Control

TSC/CMC TURNOVER CHECKLIST

This is a _____ drill _____ actual emergency.

Time: _____ Date: _____

Plant & Unit Affected _____ Emergency Class _____

Reactor Power Level (or Operating Mode if shutdown):

Unit 1: _____ Unit 2: _____

Ongoing problems:

Status of off-site and on-site power and supplies:

On-site and off-site radiological status:

Site Assembly conducted? _____ Site Evacuation? _____

Number of field monitoring teams deployed? _____

Protective Action Recommendations provided to states and counties:

Next message due for states/counties: _____

CMC Activated at: _____ Recovery Manager: _____

Note: Synchronize clocks with TSC

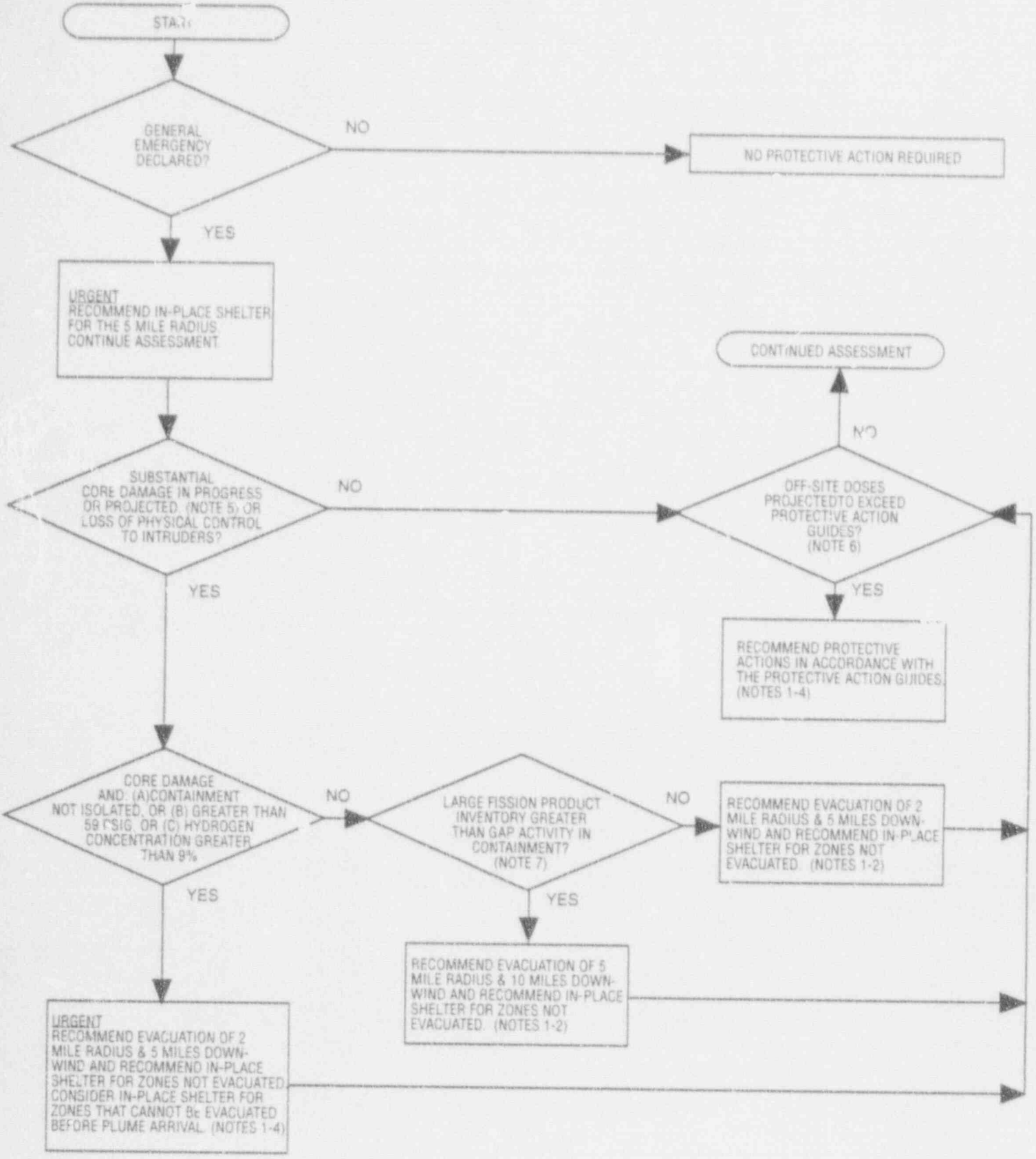
SAMPLE ANNOUNCEMENT OF CMC ACTIVATION

Recovery Manager: "May I have your attention please. This is (is not) a drill.

The CMC is being activated as of _____ hours. I, (name) , am the Recovery Manager and I have taken over emergency management responsibilities from the Emergency Coordirator at the Technical Support Center. Each CMC group manager should make sure everyone in his or her group is made aware of this.

I would like to provide you a brief status update at this time ...."

GUIDANCE FOR OFF-SITE PROTECTIVE ACTIONS



GUIDANCE FOR OFF-SITE PROTECTIVE ACTIONS

NOTES:

1. Whenever possible, consult the CMC meteorologist to determine the potentially affected areas. Otherwise, "downwind" should be assumed 90 degrees wide, except assume all directions to be downwind if wind speed is less than 5 mph. For Oconee after 4:00 p.m. and before 10:00 a.m., assume all directions to be downwind.

2. Promptly relocate the population affected by any ground contamination after plume passage.

3. See the Crisis Management Plan, Section J.8 for evacuation time estimates.

4. If in-place shelter is indicated and a release is expected to continue more than 2 hours, evacuation may result in lower doses. Increasing the distance from the plant and reducing the time of exposure would be more effective than in-place shelter.

5. "Substantial core damage" is defined as release of 20% of the gap activity from the core.

6. Determine from dose projections and/or off-site monitoring data. See page 3 for protective action guides.

7. Fission product inventory inside containment is greater than gap activity if the containment radiation level exceeds the levels in the table below:

For McGuire or Catawba:

TIME AFTER SHUTDOWN (HOURS)	CONTAINMENT MONITOR READING (R/HR)
0	2,340
0 - 2	864
2 - 4	624
4 - 8	450
> 8	265

For Oconee:

TIME AFTER SHUTDOWN (HOURS)	CONTAINMENT MONITOR READING (R/HR) RIA-57	2RIA-58
0	9,090	4,100
0 - 2	2,060	923
2 - 4	1,400	626
4 - 8	788	350
- > 8	269	118

PROTECTIVE ACTION GUIDES

Recommended protective actions to avoid whole body and thyroid dose from exposure to a gaseous plume.

Projected Dose (Rem) to the Population	Recommended Actions	Comments
Whole body <1 Thyroid <5	• No protective action required. • State may issue an advisory to seek shelter and await further instructions or to voluntarily evacuate. • Monitor environmental radiation levels.	Previously recommended protective actions may be reconsidered or terminated.
Whole body 1 to <5 Thyroid 5 to <25	• Seek shelter and await for further instructions. • Consider evacuation, particularly for children and pregnant women. • Monitor environmental radiation levels.	Refer to Notes 1-5 on page 2.
Whole body 5 and above Thyroid 25 and above	• Conduct mandatory evacuation of populations in the affected zones and recommend in-place shelter for the zones not evacuated. • Monitor environmental radiation levels and adjust area for mandatory evacuation based on these levels.	Seeking shelter would be alternative if evacuation were not immediately possible. Refer to Notes 1-5 on page 2.

CMC GROUP MANAGERS

Radiological Assessment Manager:	W. A. Haller R. C. Futrell R. T. Simril J. E. Cole J. S. Carter R. E. Harris
Plant Assessment Manager:	K. S. Canady P. M. Abraham R. H. Clark R. G. Snipes H. D. Brewer S. A. Deskevich M. J. Barrett H. J. Lee G. B. Swindlehurst J. E. Burchfield B. E. Busby L. J. Azzarello
Emergency Co munications Manager:	P. R. Herran D. C. Kesler G. T. Smith R. L. White S. F. Lindsey L. F. Firebaugh R. L. Weber R. F. Col- E. O. '
News Director:	Roberta . Bowman Susie Adams Joe Maher Andy Thor n Bryant [illegible] Mike Mullen
Administration and Logistics Manager:	Robert F. Smith Steve [illegible]ler Ed Mo[illegible] Grady Allen

RECOVERY MANAGER
POSITION DESCRIPTION

Primary Responsibilities:

1. Provide management direction and control of Duke Power's emergency response activities.
2. Decide regarding recommendations to states and counties regarding public protective actions.
3. Escalate, de-escalate, or terminate the emergency classification.
4. Coordination with federal, state, and local governments.
5. Review and approve news releases.

Principal Working Relationships:

1. TSC Emergency Coordinator
2. State emergency management officials
3. NRC Director of Site Operations
4. CMC State/County Communicator
5. CMC Group Managers

EMERGENCY PLANNER
POSITION DESCRIPTION

Reports to: Recovery Manager

Basic Functions: Advise the Recovery Manager on the Crisis Management Plan and station emergency plan relationship to the emergency situation.

Primary Responsibilities:

1. Assist the Recovery Manager in classification of emergency conditions, recommendations to off-site authorities, and in consultations with NRC and other federal agencies.

2. Ensure that the Recovery Manager is made aware of any requirements in the Crisis Management Plan that apply to the situation.

3. Assist the Recovery Manager in keeping state emergency management officials informed.

Principal Working Relationships:

1. Recovery Manager for Emergency Plan considerations

2. Emergency Planner Assistant and Administrative Assistant for work tasks

3. Radiological Assessment Manager and Plant Assessment Manager to discuss public protective action recommendations and potential changes in the emergency classification.

4. NRC for Emergency Plan considerations

EMERGENCY PLANNING ASSISTANT
POSITION DESCRIPTION

Reports to: Emergency Planner

Basic Function: This position was established to utilize the capabilities of the Office Assistant whose normal job involves helping to maintain the CMC facilities in a state of readiness. His familiarity with CMC facilities may be valuable to the Emergency Planner. During an emergency, this position will be staffed during initial activation. Later, it would be staffed on an as-needed basis.

Primary Responsibilities:

1. Perform administrative tasks as assigned by the Emergency Planner.

2. Notify the Administration and Logistics Group of your availability to answer questions or assist with problems related to the CMC facilities.

Principal Working Relationships:

1. Emergency Planner for assigned tasks.

2. Administration and Logistics personnel regarding facility-related questions.

ADMINISTRATIVE ASSISTANT
POSITION DESCRIPTION

Reports to: Recovery Manager

Supervises: N.A.

Basic Function: Assist the Recovery Manager by performing administrative duties as assigned.

Primary Responsibilities:

1. Assist the Recovery Manager as assigned.

2. Maintain a log of decisions and activities.

Principal Working Relationships:

1. Recovery Manager for work tasks

2. CMC Group Managers and Emergency Planner for resolution of tasks

TERMINATION CRITERIA

_____ 1. Existing conditions no longer meet the emergency classification criteria and it appears unlikely that conditions will deteriorate further.

_____ 2. No surveillance relative to off-site protective actions is needed, except for the control of foodstuffs and water, and off-site contamination, or environmental assessment activities.

_____ 3. Radiation levels in affected in-plant areas are stable or decreasing to below acceptable levels.

_____ 4. Releases of radioactive material to the environment greater than Technical Specifications are under control or have ceased.

_____ 5. The potential for an uncontrolled release of radioactive material is at an acceptably low level.

_____ 6. Containment pressure is within Technical Specification requirements.

_____ 7. Adequate long-term core cooling is available.

_____ 8. Adequate shutdown margin of the core has been verified.

_____ 9. A fire, flood, earthquake or similar emergency condition is controlled or has ceased.

_____ 10. Offsite power is available per Technical Specifications.

_____ 11. Any contaminated/injured personnel have been transported offsite and are receiving appropriate medical care.

_____ 12. All emergency action level notifications have been completed.

_____ 13. Access to radiologically controlled areas of the plant necessary for operation during recovery are being monitored by the Radiation Protection Section.

_____ 14. Offsite conditions will not limit access of personnel and support resources.

_____ 15. Discussions have been held with the News Director to determine the impact of termination on public information management.

_____ 16. Discussions have been held with Senior NRC and State representatives to determine the impact of termination on their activities.

RECOVERY ORGANIZATION

Before entering the Recovery phase, the Recovery Manager should establish a Recovery organization that is appropriate for the existing on-site and off-site conditions. This enclosure describes a suggested organization structure. It may be modified or supplemented as necessary to fit the particular circumstances.

The recovery activities would be managed much like a normal outage, except that certain activities unique to the post-accident situation may be managed by the Recovery organization. This organization would function as a matrix management organization to coordinate activities with the normal company organization. The Recovery organization may be located at the Crisis Management Center or the plant site, as appropriate.

The primary positions in the Recovery Organization are described below:

Recovery Manager - Overall management of recovery activities. Coordination with Federal, state, and local governments.

Scheduling & Planning Manager - Coordination and scheduling of recovery activities, particularly on-site activities. Functions much like the outage manager during normal outages.

Radiological Assessment Manager - Coordinates radiological and environmental assessment with federal and state agencies. Coordinates radwaste management and decontamination activities.

Engineering Support Manager - Coordinates the engineering and maintenance support for the recovery effort.

News Director - Manages communications of recovery activities. Informs the news media, employees, etc.

Administration and Logistics Manager - Coordinates activities such as purchasing, finance, insurance, human resources, transportation etc.

SAMPLE ANNOUNCEMENT TO INITIATE RECOVERY
THIS IS/IS NOT A DRILL

At (date & time), Duke Power will terminate the emergency conditions at the _____ Nuclear Station and initiate recovery activities. Existing conditions no longer meet the emergency criteria. Releases of radioactive material to the environment have ceased (or are below acceptable levels for normal operations). Necessary safety systems are functioning properly. Radiation levels both inside the station and off-site will continue to be monitored.

A recovery organization is being established to manage the recovery activities. Key personnel in the recovery organization are as follows:

Recovery Manager: (Name & Phone Number)
Scheduling & Planning Manager: (Name & Phone Number)
Radiological Assessment Manager: (Name & Phone Number)
Engineering Support Manager: (Name & Phone Number)
Administration and Logistics Manager: (Name & Phone Number)
News Director: (Name & Phone Number)

Recovery from a serious emergency situation is guided by the following principles:

The protection of the public health and safety is the foremost consideration in formulating recovery plans.

Public officials will be kept informed of recovery plans so that they can properly carry out their responsibilities to the public.

Periodic information will be provided to the news media so that they can provide information to the public regarding recovery plans and progress made.

Periodic status reports will be given to company employees at other locations and to government and industry representatives.

The radiation doses to employees and other radiation workers will be kept as low as reasonably achievable.

Station programs for security, health physics, fire protection and quality assurance will be followed to the maximum practical extent during the recovery effort. If conditions dictate action which does not afford time to fully implement security, health physics, fire protection and quality assurance programs, the Recovery Manager or Station Manager may permit exemption of these requirements.

(Signature)
Recovery Manager

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-4

ADMINISTRATION AND LOGISTICS PLAN

Rev. 39

May 1, 1992

W B M. Lee
Approved By

4-9-92
Date

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F.6 Arrival at CMC
F.7 Finance Check List for Recovery Operation
F.8 Petty Cash
F.9 Payroll Procedure
F.10 Audit Procedure

G.0 COMMISSARY DIRECTOR

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G.2 Major Functions
G.3 Members of Group
G.4 Arrival at Site or CMC
G.5 Food Suppliers
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G.7 Trash Removal
G.8 Portable Toilets
G.9 Furniture
G.10 Recovery
G.11 Office Trailer
G.12 Audit Procedure

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H.4 Technical and Craft Personnel
H.5 Technical Assistance from Various Suppliers of Equipment at Oconee
H.6 Tractor Trailer Drivers, Equipment Operators, Flat Truck Drivers, Crane Operators, Van and Carry-All Drivers
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H.9 Heliport
H.10 Crisis Management/Recovery Effort Work Schedule
H.11 Facility Cleanup
H.12 TLD Badges

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I.2 Major Functions
I.3 Members of Group
I.4 Additional Personnel Required
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J.2 Major Functions
J.3 Members of Group
J.4 Immediate Contact with Insurance Companies
J.5 Interfacing with Other Groups
J.6 Claims Office
J.7 Audit Procedures

A.0 INTRODUCTION

A.1 PURPOSE

To support all groups in the Crisis Management Center organization and Nuclear Station Personnel should an emergency occur with equipment, personnel, supplies, and personal services.

A.2 MAJOR FUNCTIONS

A.2.a Administration

A.2.b Access Control

A.2.c Communications

A.2.d Purchasing

A.2.e Finance

A.2.f Commissary

A.2.g Human Resources

A.2.h Transportation

A.2.i Insurance

A.3 MANAGER - R. F. Smith

Alternate Manager - S. M. Kessler

A.4 ASSISTANT MANAGERS

The following people are designated Assistant Managers and have responsibilities as indicated in Appendix A-1. In the event of an emergency these individuals will serve as manager when required.

Primary	Alternates
E. D. Morton	C. Neal Alexander, Jr.
G. L. Allen	W. R. Cross

A.5 PERSONNEL REQUIRED

Names of directors and their alternates are included in the Organizational Chart shown as Appendix A-1 as well as under the subtopic "Members of Group" included in each section.

A.6 SUPPORT REQUIRED FROM OTHER GROUPS

The Administration and Logistics Group is intended to be a totally self-supporting group, as well as a service group to all others in the Crisis Management Center organization.

A.7 DISTRIBUTION OF ADMINISTRATION AND LOGISTICS PLAN

Copies of this plan are to be maintained in the following areas:

A.7.a Oconee Crisis Management Center Procedures Cabinet

A.7.b McGuire/Catawba Crisis Management Center Procedures Cabinet

A.7.c Each member of the Administration and Logistics Group

A.8 AUDIT PROCEDURES

All of the information contained in this plan will be verified for accuracy according to the Crisis Management Plan.

A.9 EXPENSES INCURRED

The Recovery Manager and Administration/Logistics Manager are authorized to approve expenses incurred in the performance of the duties described in this plan.

A.10 EMERGENCY ACTIVATION FORM

Appendix A-2 is a form to be compl upon notification of an emergency by each team member.

A.11 CMC ACTIVATION

Appendix A-3 identifies actions to be taken whenever the CMC is to be activated.

A.12 CMC SHUTDOWN

Appendix A-4 identifies actions to be taken whenever the CMC is being shutdown.

A.13 ADMINISTRATION AND LOGISTICS TELEPHONE NUMBERS

The following telephone numbers can be used to contact other Administration and Logistics group members:

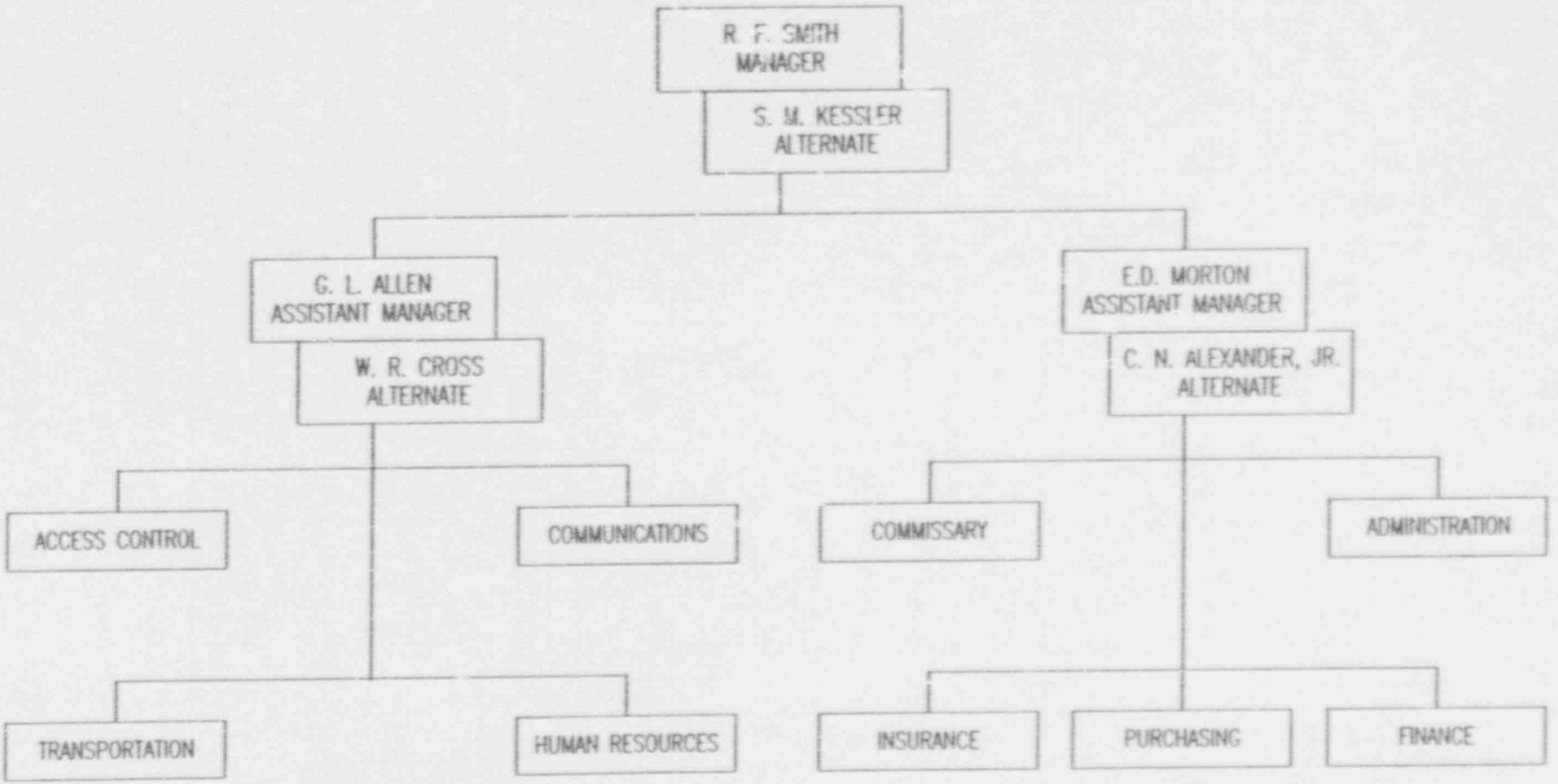
A.13.a McGuire/Catawba Crisis Management Center

382-0726 (Speaker Phone)
-0727
-0728

A.12.b Oconee Crisis Management Center

(704) 382-8200 (Speaker Phone)
(803) 591-1290
(803) 231-0770
(803) 271-0871
(803) 654-1011
(803) 885-4800

ORGANIZATION CHART



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CMC EMERGENCY ACTIVATION MESSAGE

If the CMC is to be activated, the Duty Engineer uses this form to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members according to the group's Crisis Management Implementing Procedure.

Message

1. This is a drill/actual emergency at _____ Nuclear Station.

2. Have you consumed alcohol within the past 5 hours?

   (If "no", skip to Item 3. If "yes", ask the following questions, and use judgement to determine whether the person is fit for duty.)

   (a) What did you consume?
   (b) How much did you consume?
   (c) Can you perform your duties unimpaired?
   (d) Can you drive safely?

3. You should use the procedure for your CMC group to notify your portion of the Crisis Management Center organization and report to:

   _____ the Catawba/McGuire CMC (Power Building)

   _____ the Oconee CMC

CMC ACTIVATION

Immediately upon notification of the need to activate the Administration and Logistics group, the following will take place:

R. F. Smith - Contact alternate to either make telephone calls or report to CMC ASAP.

G. L. Allen - Establish Security.

Establish communication system. Contact balance of team in accordance with call tree.

Report to Administration and Logistics area of the CMC.

E. D. Morton - Make telephone notifications in accordance with call-up list.

Assess situation concerning meals and act accordingly.

Report to Administration and Logistics area of the CMC.

CMC SHUTDOWN CHECKLIST

Administration

_____ Procedures cabinet locked
_____ Public address system off
_____ Secure Administration & Logistics area
_____ Send Inventory list to G.O. Office Supply Department for replenishment of supplies
_____ Arrange for return of relocated office equipment
_____ Collect armbands and any temporary ID cards
_____ Notify Hotels/Motels of release of rooms
_____ Assist personnel needing airline transportation home
_____ Make 2 copies of Recovery Manager's and Offsite Communicators' logbooks. Give copies to Emergency Planner.

Access Control

_____ Copy personnel sign-in checklist and forward to the Nuclear Emergency Planning Section
_____ Perform final inspection to ensure:
- o equipment off
- o personnel gone
- o cabinets locked
- o doors secure
- o lights off (except for emergency lighting)
- o security system returned to original state

Communications

_____ Secure radio base stations
_____ Contact Computer Support to release computers from emergency status
_____ Return Media Center phones to storage location (Oconee CMC only)
_____ Return portable communications equipment to storage location (if applicable)

Purchasing

_____ Transfer information on outstanding requisitions to normal Purchasing contacts

Finance

_____ Turn over payroll information to General Office Payroll Department
_____ Reconcile petty cash fund in accordance with corporate procedures

CMC SHUTDOWN CHECKLIST

Commissary

_____ Notify vendors to discontinue food service to Crisis Management Center

_____ Notify vendors to pick up furniture and equipment not required for Recovery

_____ Make arrangements for trash removal

Human Resources

_____ Cleanup Crisis Management Center

_____ Pickup TLD badges from South Carolina Emergency Preparedness Division (if applicable)

Transportation

_____ Arrange for transport of relocated equipment to original location, if applicable

_____ Arrange for transportation home for personnel (as needed)

Insurance

_____ Notify Insurance Companies of change in status

B.0 ADMINISTRATION DIRECTOR

B.1 PURPOSE

To provide general administrative office support and supplies.

B.2 MAJOR FUNCTIONS

B.2.a Provides office supplies and equipment

B.2.b Provides photography services and cameras

B.2.c Provides secretarial/clerical services

B.2.d Provides telephone call-up list for Administration and Logistics Team

B.2.e Provides copy services

B.2.f Provides air travel, hotel, and car rental arrangements.

B.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

B.3.a PRIMARY (DIRECTOR)

Libby Applegate

B.3.b ALTERNATES

Sharon Friday
Brenda Walker
Alta Furr
Pam Boles
Kay Huggins

B.4 ADDITIONAL PERSONNEL REQUIRED

Secretarial/clerical support will be necessary during an emergency or recovery situation. Appendix B-1 is a list of people who can be utilized.

B.5 ARRIVAL AT CMC

Upon arrival at CMC, members of the Administration staff will be responsible for the following:

Person #1: (1) Responsible for:

A. Procedures cabinet unlocked and open

B. Public Address system switched on (G.O. CMC - P.A. amplifier is in Janitor Storage Room. Oconee CMC - P.A. ampli-fier is in Telephone/Equipment Room.)

C. Verify clocks in all rooms are correct and in agreement.

(2) Responsible for making sure that Admin. & Logistics area is set up.

A. Supply cabinet unlocked and open.
B. Put Crisis Telephone Directories out.
C. Get pads, pencils, etc., out of cabinet.

Person #2: Responsible for data representation in Admin. and Logistics office.

Person #3: (1) Furnish personnel in accordance with Appendix B-1.

Person #4: (1) Responsible for checking needs of court recorders.

(2) Responsible for equipment needs of news media.

Person #5: Responsible for Copy Center/Telecopier.

B.6 ACTION LIST FOR CHANGING FROM EMERGENCY TO RECOVERY MODE

B.6.1 Send copy of Inventory List to G.O. Office Supply Department for replenishment of supplies.

B.6.2 Determine additional space requirements.

B.6.3 Prepare weekly work schedules.

B.6.4 Determine hotel/motel accommodations and travel requirements; contact Corporate Travel Center for securing these requirements.

B.7 EQUIPMENT REQUIRED TO PERFORM DUTIES

Appendix B-3 lists office equipment availability within the Duke system and the order of arrival at the jobsite. This list encompasses equipment required by all areas of the Crisis Management Center.

B.8 OFFICE SUPPLY COMPANIES - LOCAL

Local Office Supply Companies are listed in Appendix B-4 for any additional supplies we may need.

B.9 FACILITY LAYOUT

Appendix B-5 shows the layout of the sites during a crisis.

B.10 PHOTOGRAPHY SERVICES

Following is a source for photography services in addition to the cameras listed in Appendix B-3.

Tom Sommer	Construction and Maintenance
Work Phone	373-7896
Home Phone	[redacted]

B.11 NEWSLETTER

An on-site newsletter will be issued by this group as required concerning service information.

B.12 TELEPHONE CALL-UP LIST

Each member of the Administration and Logistics Team is responsible for notifying the Director of Administration or designee of any changes in home, alternate or work telephone numbers. A copy of the telephone call-up list is included as Appendix B-7.

The method of notification using this list is as follows:

R. F. Smith will follow the lines to contact the team members. If a team member is unavailable at their home, work, or alternate telephone numbers; the caller will be responsible for contacting the people that team member was to contact.

B.13 RECORDS FOR ADMINISTRATION AND LOGISTICS TEAM

Files are maintained in the Administration Director's office as follows:

B.15.a Correspondence - Incoming and Outgoing

B.15.b Minutes of Meetings

B.15.c Logs of Manuals

B.14 AUDIT PROCEDURE

Information contained in this section will be periodically verified for accuracy in accordance with Section A.8.

APPENDIX B-1

PAGE 1
RESERVE PERSONNEL

	HOME PHONE	WORK PHONE	SUPERVISOR	DEPARTMENT	LOCATION	TYPING	SHORTHD	DICTAPTH	SWITCHBOARD
Oconee									
Steve Alexander	[redacted]	803-885-4156	D. L. Freeze	CMD	Oconee	Has secretaries and clerks available			
Sheila Smith		803-885-4065	Steve Alexander	CMD	Oconee	X			
McGuire or Catawba									
Earl Lapp	[redacted]	704-373-4883	R. F. Smith	Purchasing	MC	Clerical Help			

For lodging and travel requirements: Corporate Travel Center 704 382-8747
Branch Manager - Deborrah Turner-Benson
American Express Travel Related Services Office 704 382-8329
Home 704 545-2574

"If Branch Manager or Corporate Travel Center cannot be reached, the Area Manager-American Express Travel should be notified to provide additional reserve personnel as needed."

Area Manager: Lisa Bullock

Office 704 549-7480
Home [redacted]

OFFICE EQUIPMENT

COPY MACHINES (in order of priority) - Located in the General Office

1. DPCO Power Building - PBBAF
   Office Supply
   Brenda Walker
   704-373-4597

2. Duke Power Company
   422 Church Street
   Charlotte, N.C. 28242
   Contact: Jay Huggins
   Office No.: 704-372-0256

ID CAMERAS

1. Kim Schmidt
   704-373-5915

2. Charlotte Hopkins
   Oconee Nuclear Station
   8-885-4074

CAMERAS

1. Sandy Baker - Design Engineering - Technical Services, extension 3-5687

2. Bob Hollis - Purchasing extension 3-7100 (1 - Polaroid)

3. Tom Sommer - Construction and Maintenance, extension 3-7896

TELECOPIERS (PORTABLE)

1. Jay Huggins - PB2 (copy center)
2. CMD - South or CMD - North
3. Jerel Reavis - extension 3-7567

TELECOPIERS (NON-PORTABLE)

1. PB2-Copy Center
2. WC11-Self-Automated Copy Center 4. EC-Parking Level 2

TYPEWRITERS

8 - Court Recorders and News Media
3 - O. J. Miller Auditorium
(Court Recorders)
4 - EC-I-230 (News Media)
1 - NRC Office in CMC

1. 2 - For immediate use, contact Sandy Baker, Design Engr. T S. 373-5687
2. Harper Brothers - Mike Eubanks (rental) 704-525-6100
3. A. F. Dancy Company (rental) - all correcting typewriters must be rented Charlotte, N.C. - Dorothy Browning 704-332-7727

OFFICE SUPPLY COMPANIES

OCONEE NUCLEAR STATION

Harper Brothers
P. O. Box 2108
Greenville, S. C. 29602
Jimmy Hames
Office: 803-242-3600
Fax: 803-242-4824

Harper Brothers
1001 North Main Street
Anderson, S. C. 29621
Attn: Larry Holcombe
Office: 803-226-7671
Home: [redacted]
Fax: 803-225-6842

Ship to Address

Young Office Supply
105 Southport Road
Spartanburg, S. C. 29301
Tom R. Young, Jr.
Office: 803-574-2344
Home: [redacted]
Fax: 803-576-6622

Mailing Address

Young Office Supply
P. O. Box 5210
Spartanburg, S. C. 29304

Ship to Address

Fant's Office Supply
126 North Main Street
Anderson, S. C. 29621
Marshall Fant, Jr.

Mailing Address

FANTS
P. O. Box 156
Anderson, S. C. 29622
Office: 803 226-3446
Home: [redacted]
Fax: 803 225-3976

ABECO
Anderson Business Equip. Co., Inc.
P. O. Box 8039
Greenville, S. C. 29604
803-295-1480
Fax: 803-269-2994

Alexander's Oconee Office Suply
125 North Townville Street
P. O. Box 782
Seneca, S. C. 29679
803-882-2472

Kearns Corp.
337 West Main
Easley, S. C. 29640
803-859-5013
Fax: 803-855-4639

Clemson University Bookstore
P. O. Box 2096
University Station
Clemson, S. C. 29632
803-656-2050
Fax: 803-656-0366

Broyhill Furniture Rental
912 Laurens Road
Greenville, S. C. 29607
803-271-1415
Fax: 803-242-4597

C&D Office Products
P. O. Box 2111
Greenville, S. C. 29602
Office: 803 246-9072
or 803 246-9115
Fax: 803 246-8254
Contact: Dan Lacy

OFFICE SUPPLY COMPANIES

MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION

Harper Brothers
4400 Suite P
Stuart Andrew Blvd.
Charlotte, N.C. 28217
Phone: (704) 525-6100
Mike Eubanks
(Typewriter Rental)
Fax: 704 525-2299

Office Interiors
1100 Central Avenue
Charlotte, N.C. 28204
Charles Collins
Phone: 332-2661
Fax: 332-9014

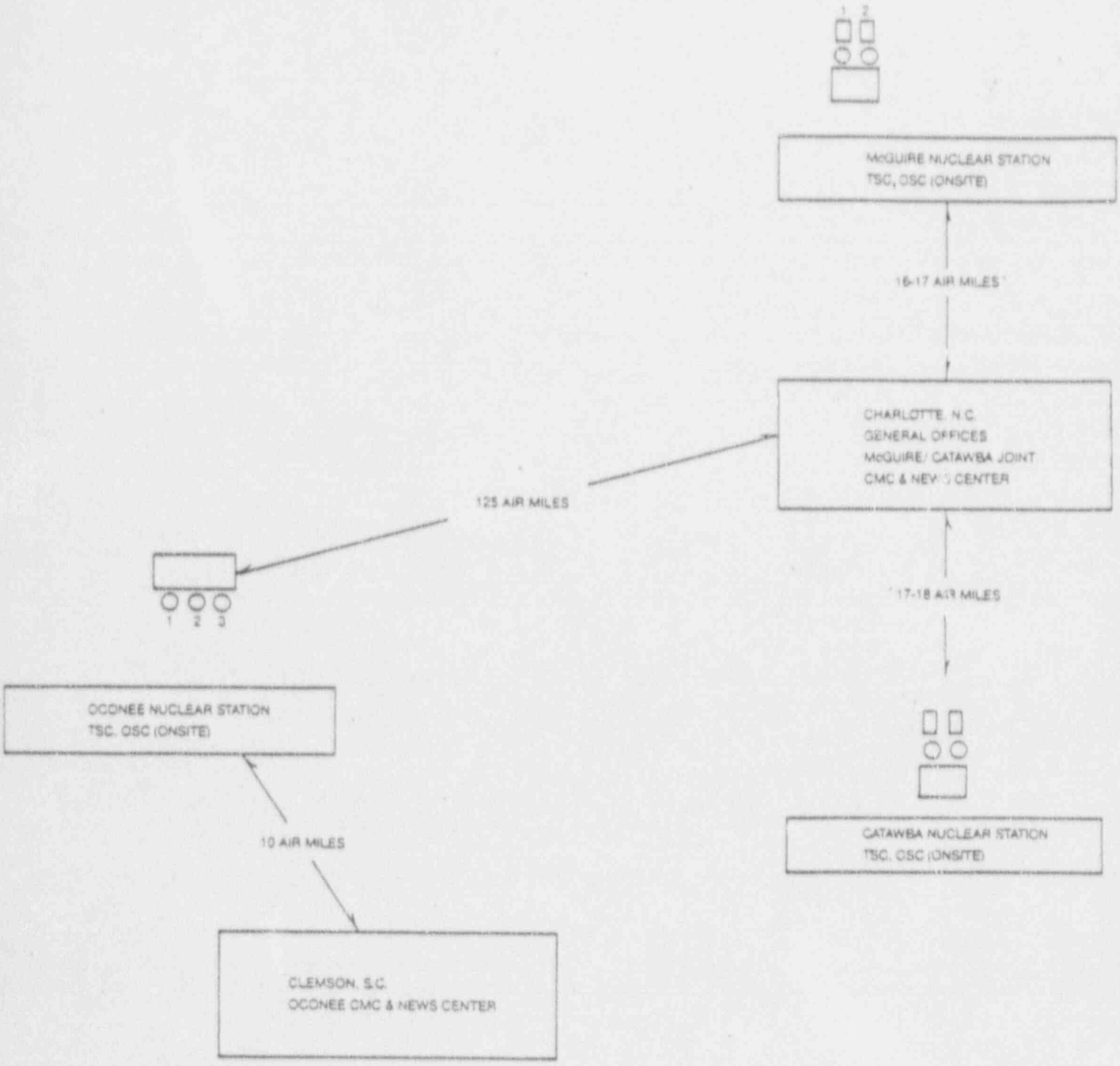
Forms and Supply
1733 University Commercial Place
P. O. Box 563953
Charlotte, N.C. 28256
Ray Harrelson
Phone: 598-8971
Fax: 704 596-6098

Robert Fultz or Brenda Walker
Furniture Warehouse
422 South Church Street
Charlotte, N.C. 28242
Extension: 373-3010 or 373-5401

Kale Office Outfitters, Ltd.
4420 N. I85
Charlotte, N.C. 28206
Walte Kale
Phone: 598-6106
FAX: 598-9062

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

Appendix B-4



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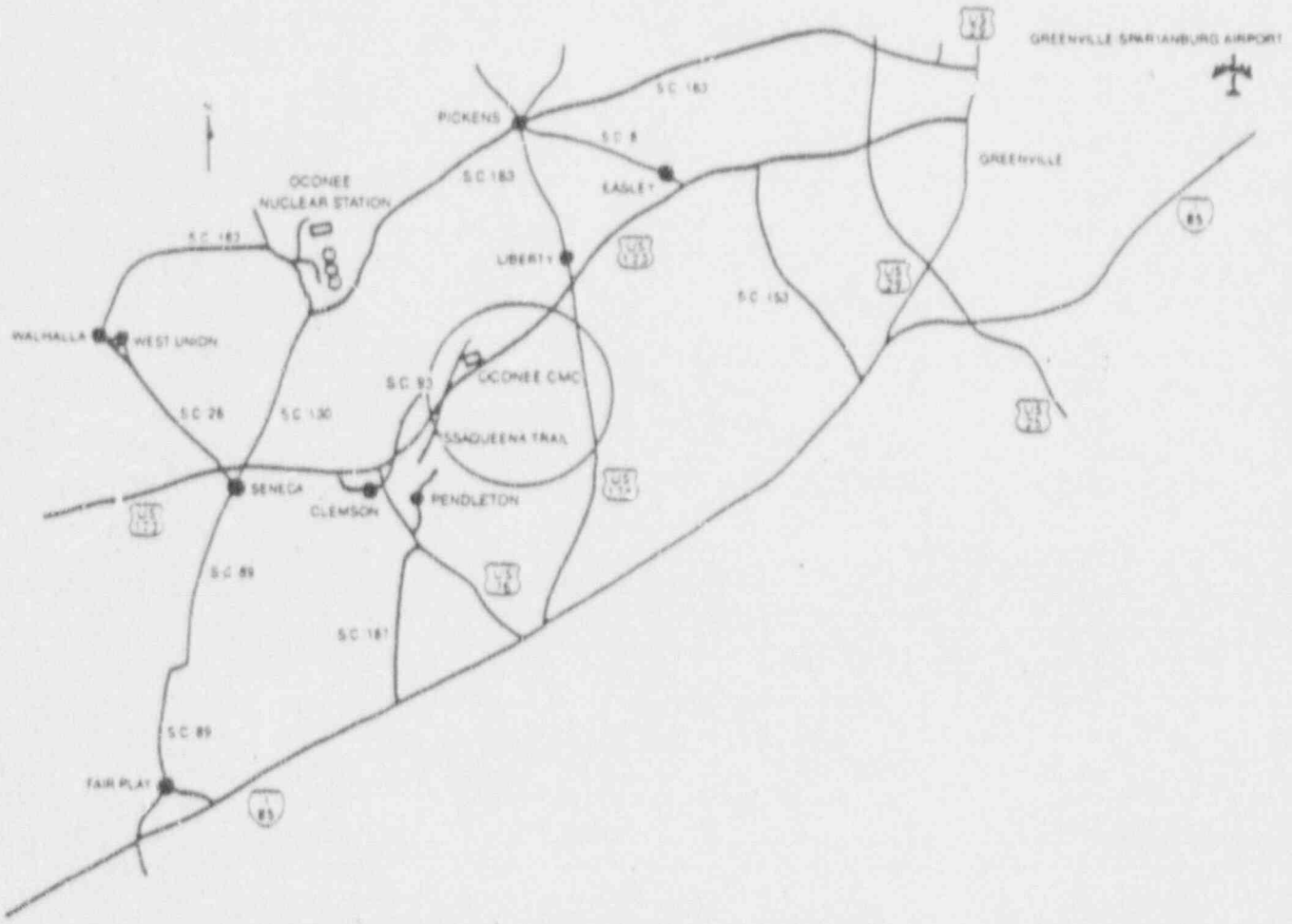
OCONEE CMC
GENERAL LOCATION



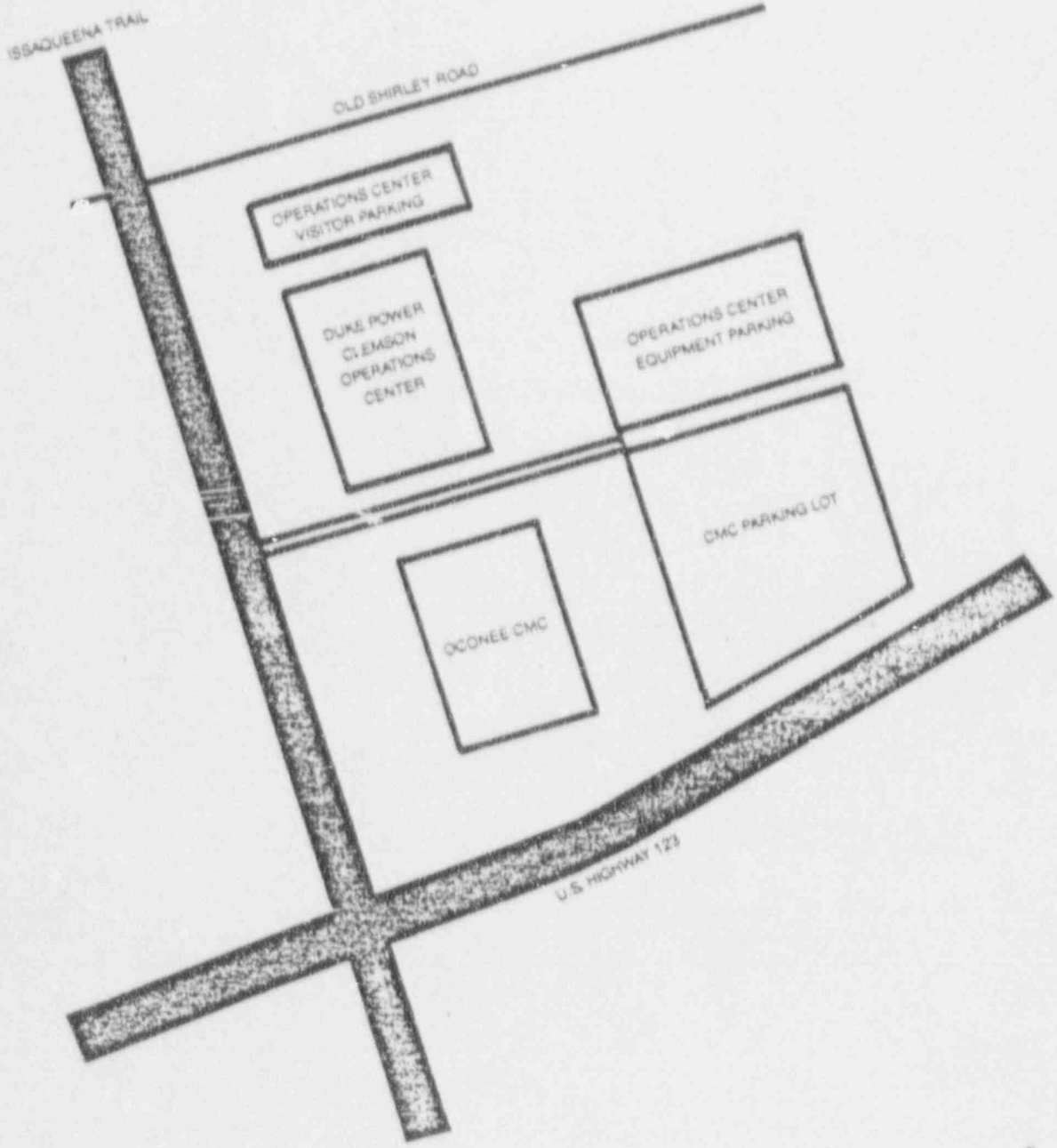
From Charlotte:

Take I-85 South to exit 40 (S.C. 153). Go right (toward Easley) about 8 miles to U.S. 123. Go through Easley and continue to the Issaqueena Trail exit. Then go right about 1/4 mile to the CMC.

NOTE: NOT TO SCALE

OCONEE CMC GENERAL LAYOUT

Appendix B-4



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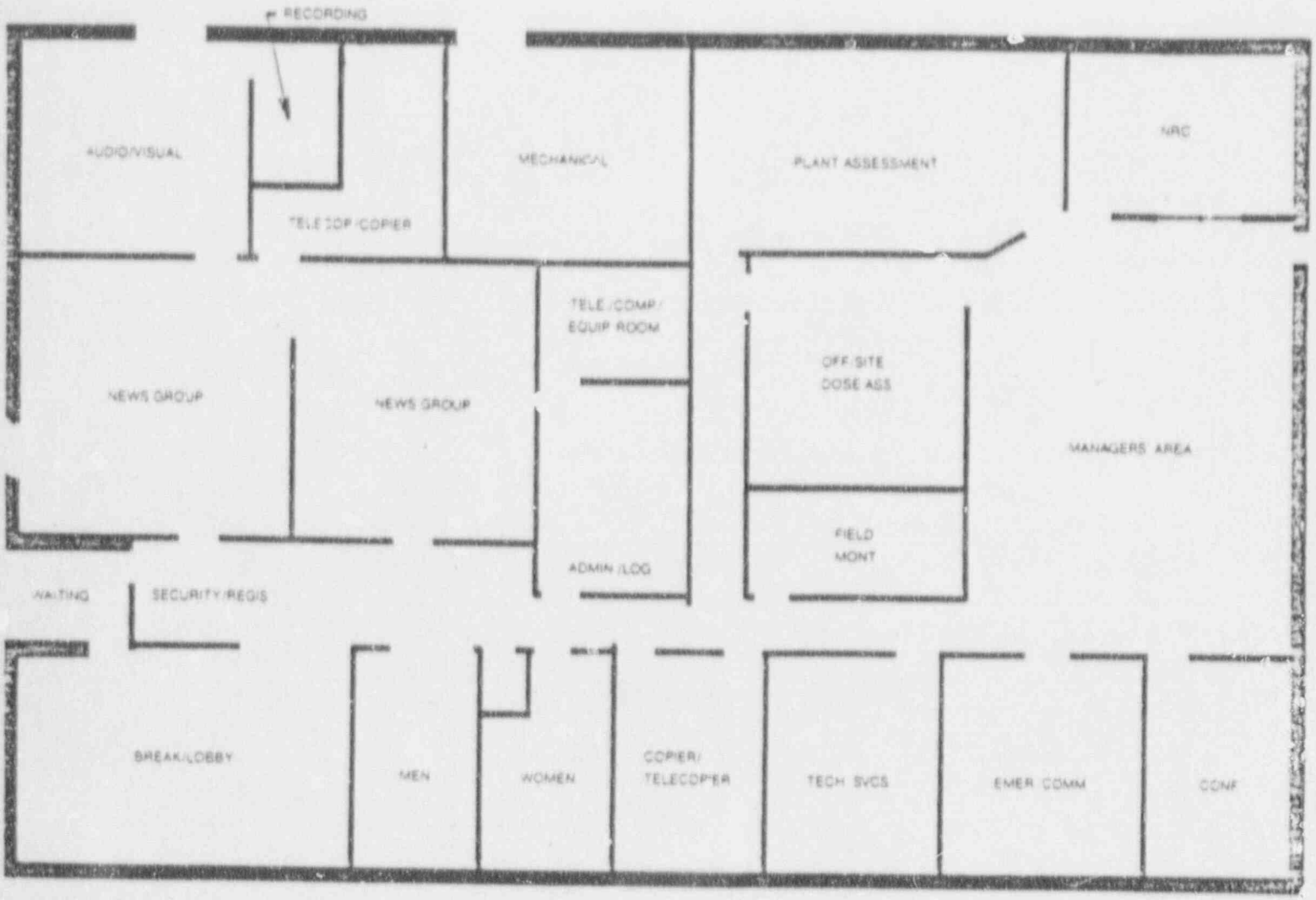
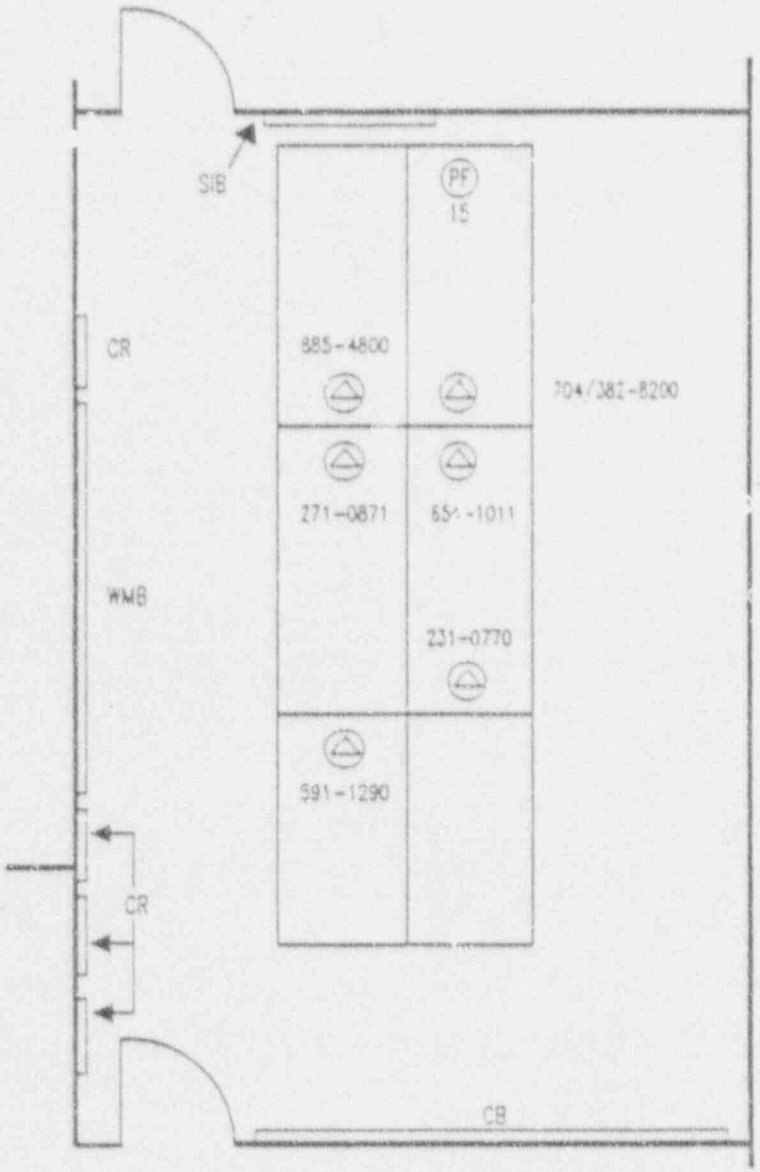
OCONEE CRISIS MANAGEMENT CENTER
GENERAL ARRANGEMENT

Appendix B-4



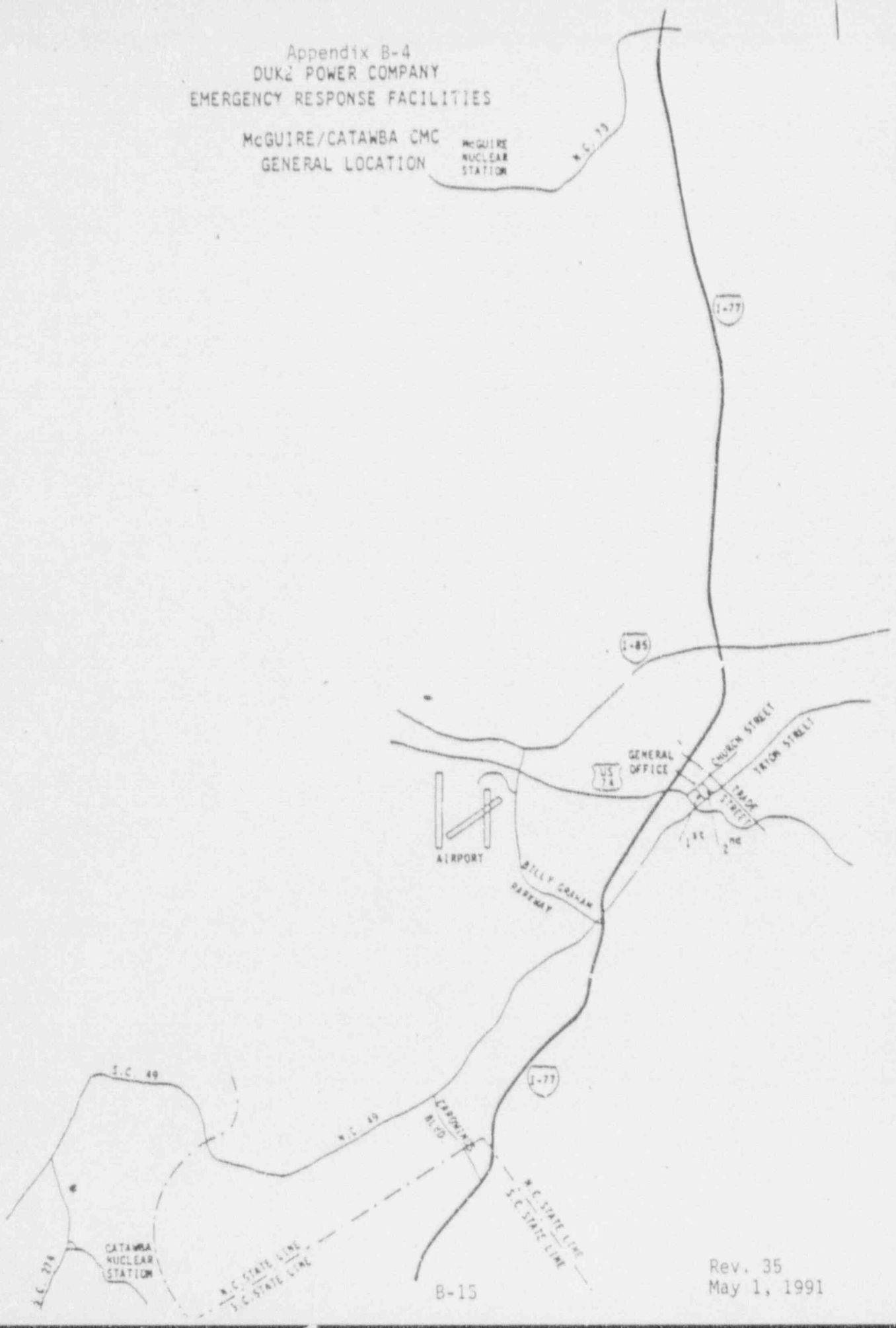


SIB SIGN IN BOARD
CB CORK BOARD
WMB WHITE MARKER BOARD
CR COAT RACK
PHONE
PF POWER FAIL TRUNK PHONE

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.

Appendix B-4
DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

McGUIRE/CATAWBA CMC
GENERAL LOCATION

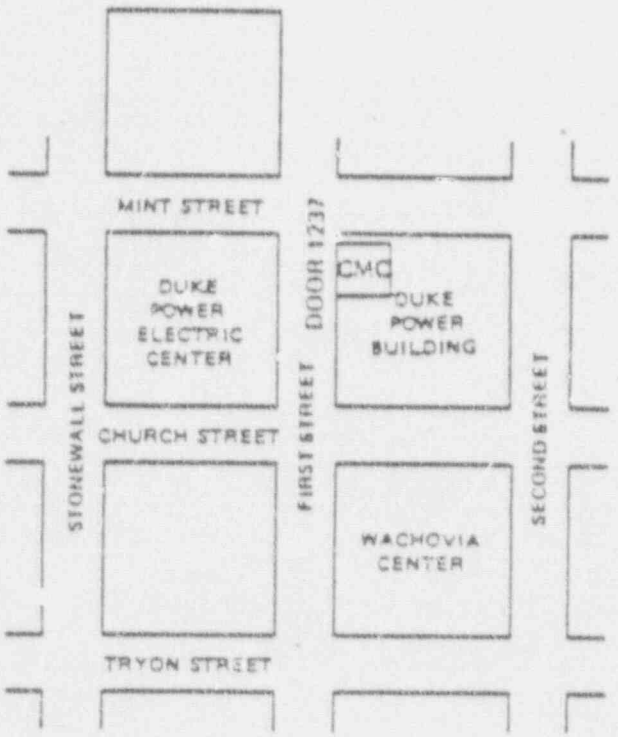


DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Appendix B-4

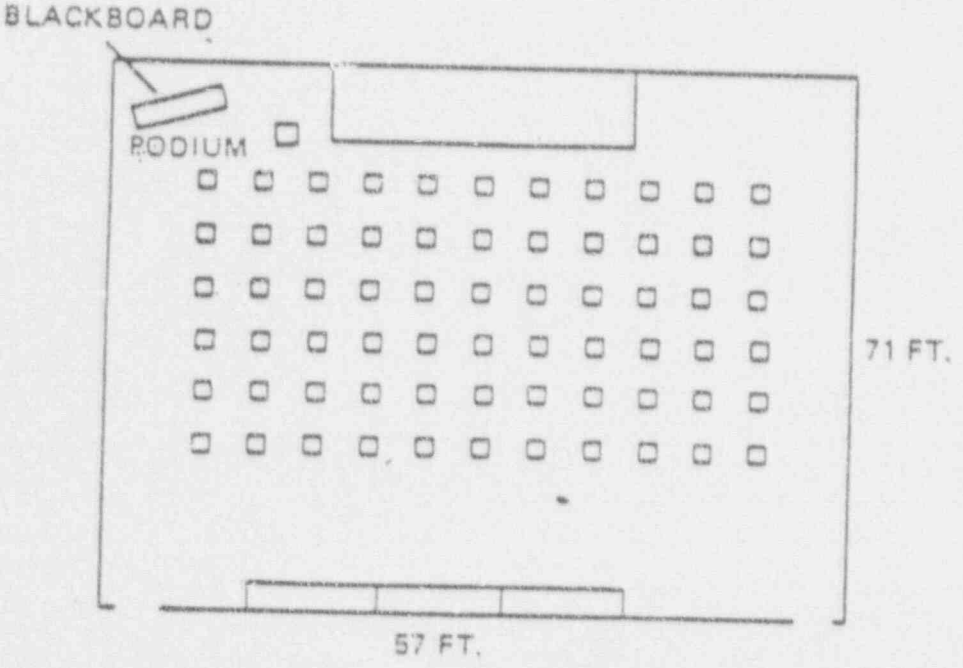
McGUIRE/CATAWBA CMC

GENERAL OFFICE BUILDING LAYOUT CHARLOTTE, N. C.

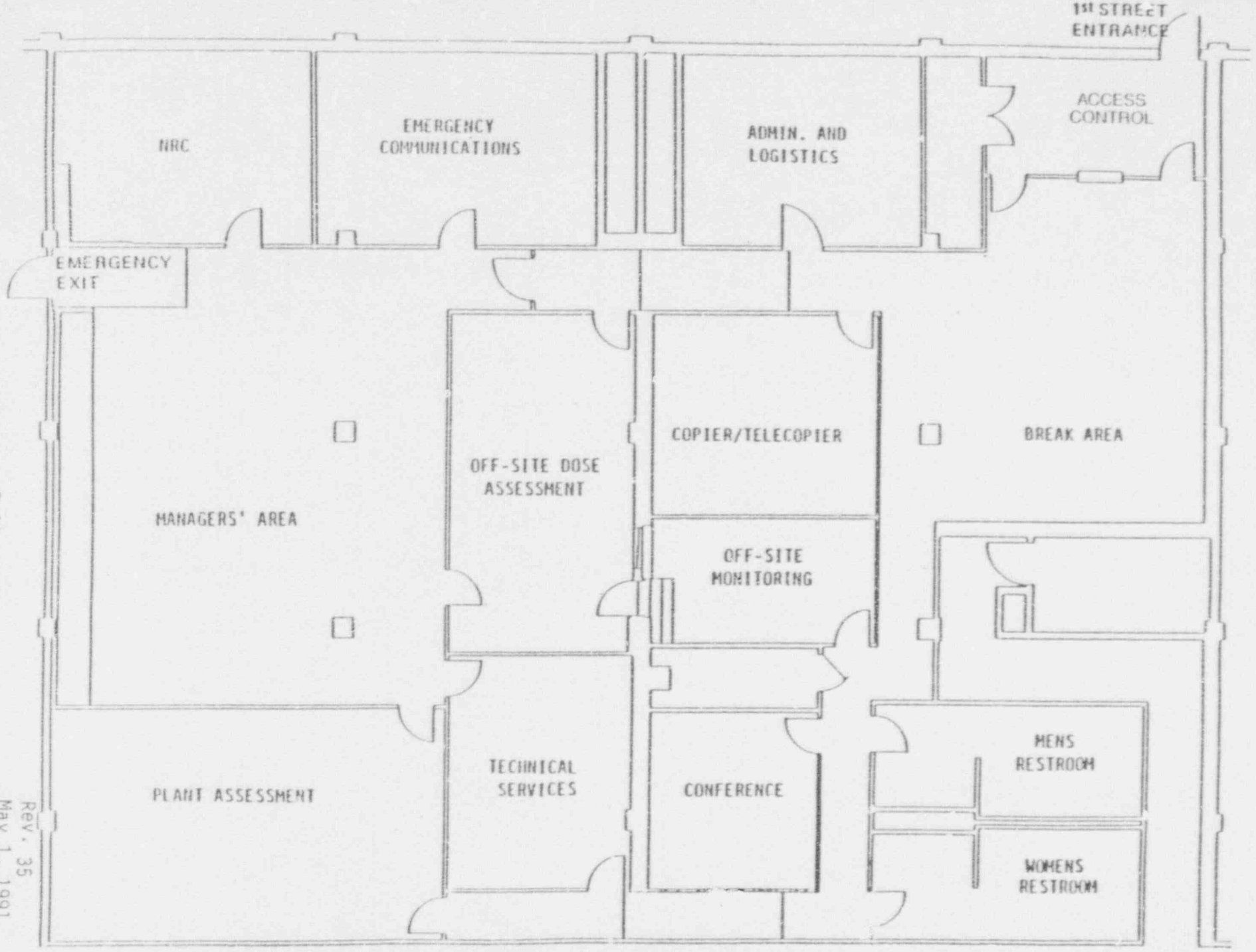


McGUIRE/CATAWBA CMC

O.J. MILLER AUDITORIUM
MEDIA CENTER FOR
McGUIRE & CATAWBA NUCLEAR STATIONS



373-2637	373-7946	373-2628	373-2633
373-2638	373-7947	373-2629	373-2634
373-2639	373-7948	373-2630	373-2635
373-2620	373-2632	373-2631	373-2636
373-2641	373-2642		



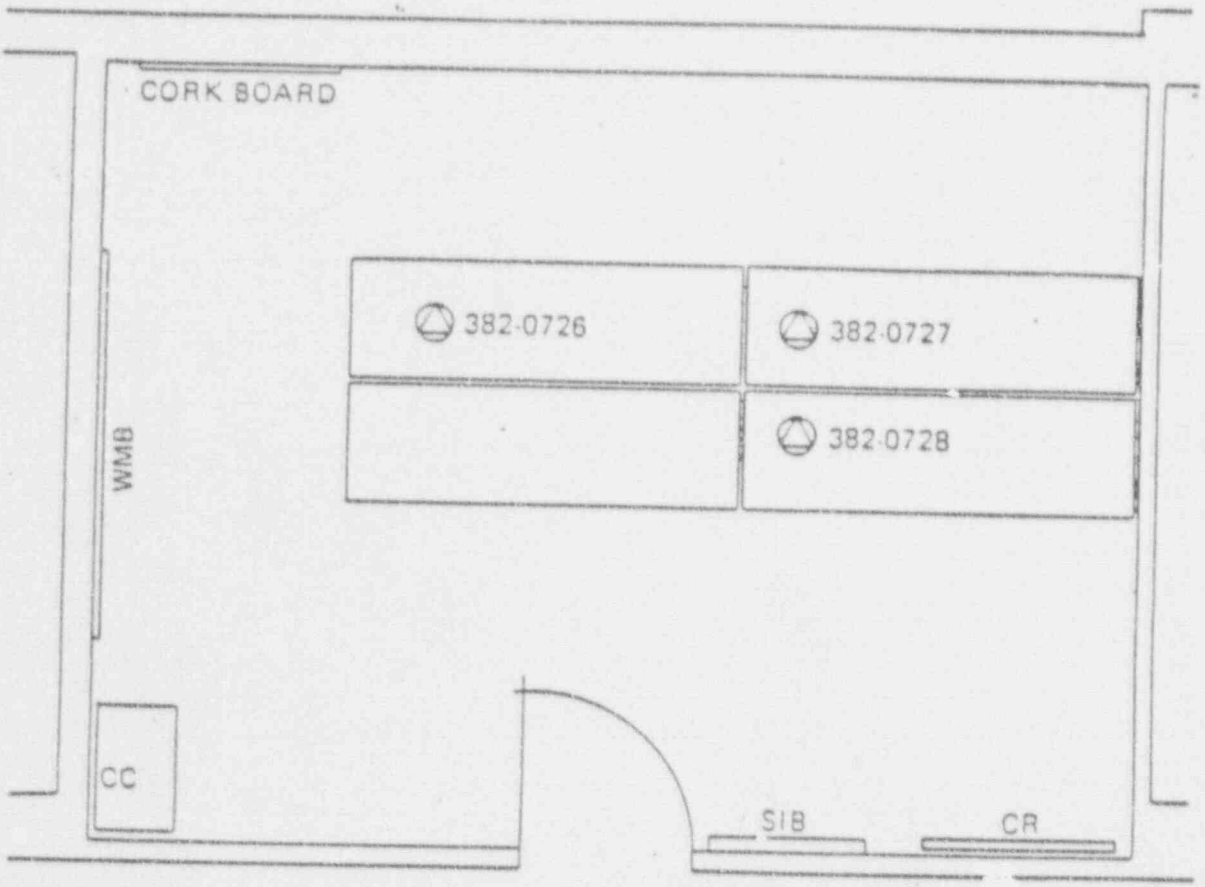
MNS/CNS GENERAL ARRANGEMENT

Appendix B-4

Appendix B-4

McGUIRE/CATAWBA CMC

ADMINISTRATION AND LOGISTICS



SIB	SIGN IN BOARD
WMB	WHITE MARKING BOARD
CR	COAT RACK
⌓	PHONE JACK
CC	COMPUTER CONNECTION
(R)	RADIO JACK

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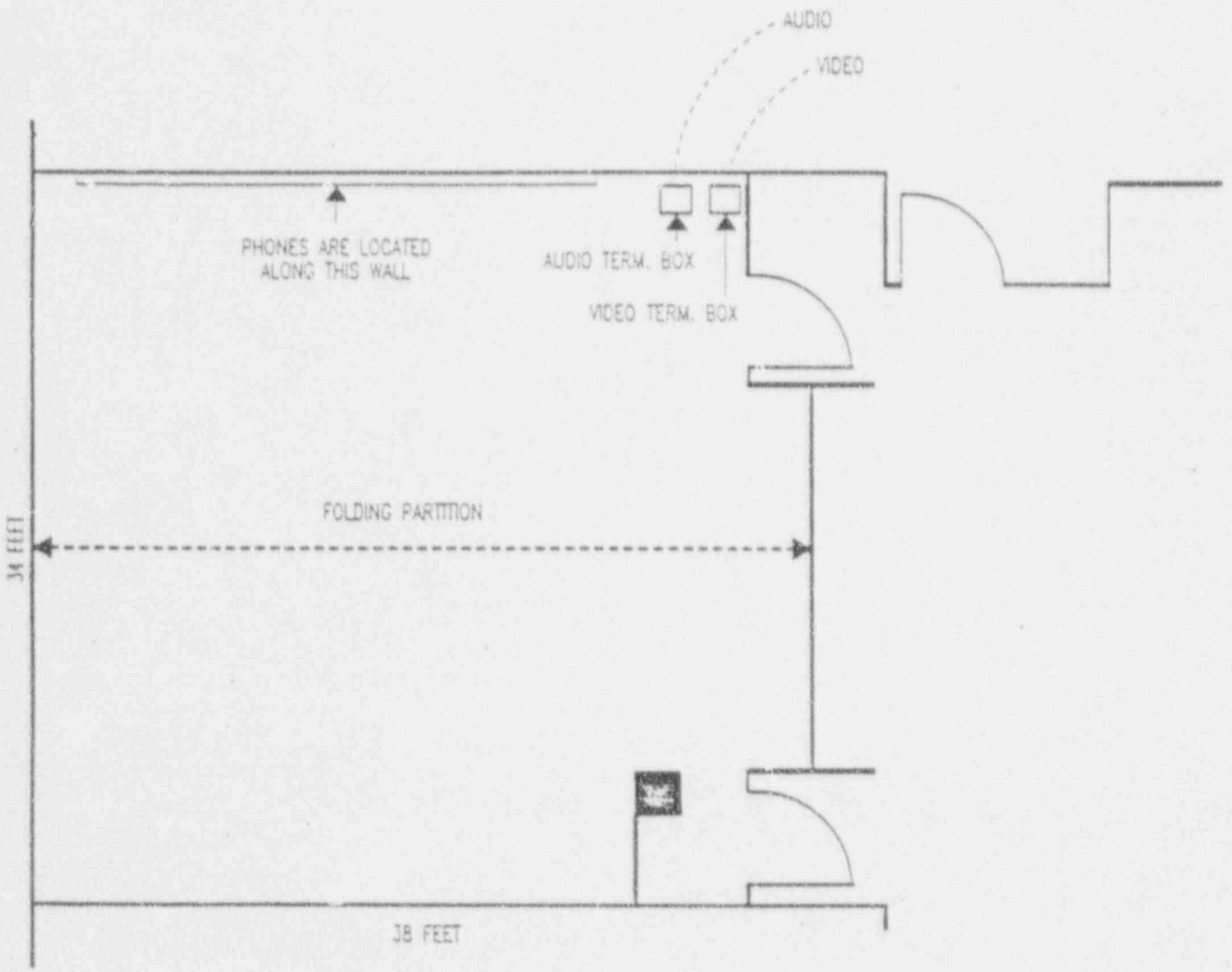
CLEMSON DISTRICT OPERATIONS CENTER ASSEMBLY ROOM

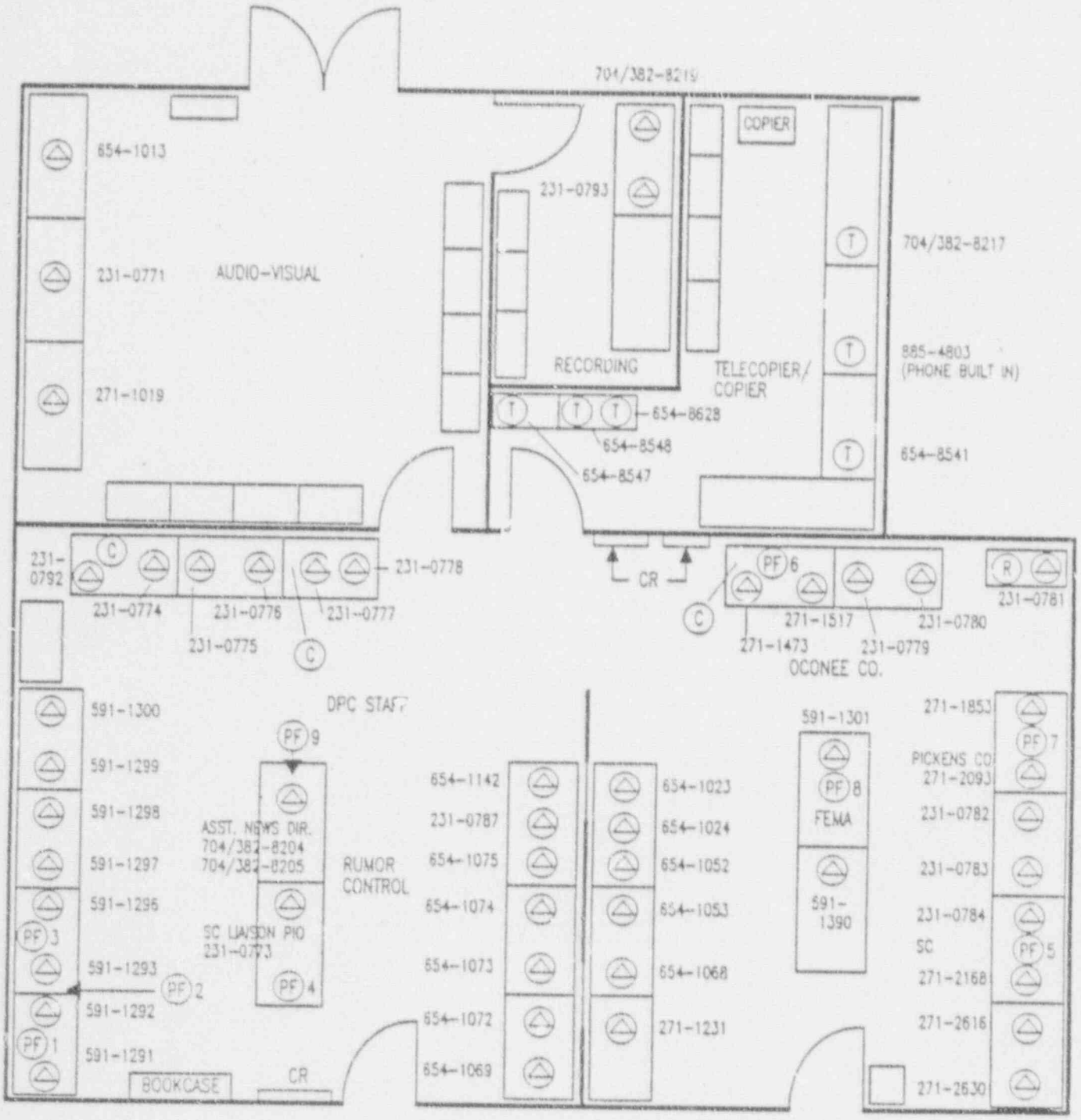


TELEPHONES:

654-6019	654-6514
654-6104	654-6521
654-6201	654-6607
654-6330	654-6632
654-6506	654-1206

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.

Appendix B-4
OCONEE CMC
NEWS CENTER



CR COAT RACK
PHONE
C COMPUTER CONNECTION
T TELECOPIER PHONE
R RADIO
PF POWER FAIL TRUNK PHONE

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.

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NAME	HOME NUMBER	MICROWAVE WORK NUMBER
B. ADKINS		8-831-3044
N. ALEXANDER (PS)		8-373-7089
G. ALLEN (CS)		8-373-2844
B. ALLRED (CT)		8-831-3521
L. APPLEGATE (PUR)		8-373-4532
B. BARNES9WLC)		8-373-6550
C. BLACK (CMD-S)		8-885-5175
P. BOIES (TECH SERVICES)		8-373-6076
J. BOYLES (CMD-N)		8-875-5100
R. BRANDON (CMD-C)		8-831-3432
S. CHANDLER		8-885-4011
N. CHAVERS (CMM)		8-373-4043
R. CROSS (NP)		8-373-8958
W. CROWE		8-885-4035
D. DOBBINS (CMD-N)		8-875-5100
B. DELANO (GO)		8-382-0382
D. DuBOSE (WLC)		8-373-6517
S. EDWARDS (GO)		8-373-3399
J. EAKER (CMD-S)		8-885-4030
R. ELLER (NP)		8-373-2583
B. EVANS (CMD-S)		8-885-4068
E. FAULKNER(CMD-N)		8-875-5158
S. FRIDAY (PUR)		8-875-5365
A. FURR (PUR)		8-373-3157
K. HILL (GO)		8-373-4449
D. HOUSE (C INS)		8-382-8280
J. HUGGINS (GO)		8-382-0256
T. HUNT (PC)		8-373-5694
G. JUSTICE (OC)		8-885-4085
C. KERR (PUR)		8-373-7956
S. KESSLER (TECH SERVICES)		8-373-7123
K. LANIER (CS)		8-373-5268
L. LAWSON (C INS)		8-382-8281
M. MCCALISTER (CMD-S)		8-885-4070
L. MCPHERSON (PUR)		8-373-8459
D. MAUNEY (GO)		8-373-4902
J. MILLER (PUR)		8-373-5519
E. MORTON (PUR)		8-373-4893
J. MURPHY (CMD)		8-831-3737
D. NEAL (CMD-S)		8-885-5063
B. NIVENS (OC)		8-885-4085
J. NIX (CMD-S)		8-885-5164
G. PATTERSON (PUR)		8-373-7032
D. PETWAY (GO)		8-373-8603

NAME	HOME NUMBER	MICROWAVE WORK NUMBER
D. PHILLIPS (MC)		8-875-4633
R. POVLICH (WLC)		8-373-6508
R. L. PRICE		8-373-6564
N. REID (GO)		8-373-8813
T. ROACH (CMD-OC)		8-885-4073
B. ROBINSON (OC)		8-885-3369
K. SHANNON (GO)		8-373-3441
T. SLAY		8-373-4646
C. SLOOP (GO)		8-373-2380
D. N. SMITH (NP)		8-831-2076
D. SMITH (GO)		8-373-3454
R. SMITH (PUR)		8-373-4470
S. SMITH (PUR)		8-373-8440
R. STRICKLAND (CMD)		8-885-4083
B. WALKER (CMM)		8-373-5401

If you are outside the Duke system and need access to the microwave call 704-373-4011 in Charlotte. This is the Duke Power operator who can tie you into the microwave for the Oconee Training Facility, Liberty, CMD-South, CMD-North, CMD-Central, Bad Creek or Allen.

* Indicates long distance from Charlotte

Telephone Call-Up List

Bob Smith (373-4470)
Steve Kessler (373-7123)

Grady Allen (8-373-2844)
Randy Cross (373-8958)

Access Control

Ron Eller (373-2583) (MNS & CNS) Keith Shannon (373-3441) Deborah Mauney (373-4902)
Cissy Kerr (373-7956) Robert Price (373-6564)
Kay Hill (373-4449) Richard Povlich (373-6508)
Robin Brandon (8-831-3432) Bill Evans (8-885-4068)
David Smith (8-831-2076)
or Dan DuBose (373-6517)

Ted Roach (8-885-4073) (ONS)

Communications
Bob Delano (382-0392) (GO) Spenser Edwards (373-3399) Jim Slay (373-4646)
or
Bob Robinson (885-3369) (OC) Roy Strickland (8-885-4083)

Human Resources
Terry Hunt (373-5694) (Mc/Cat) Dave Phillips (8-875-4633)
Jim Murphy (8-831-3050)
or

Mike McCalister (8-885-4070) (Oconee) - June Nix (8-885-5164)

Transportation

Lowey Smith (373-3454) - (MNS & CNS) - Craven Sloop (373-2380) - Don Petway (373-[illegible])

or

Gene Justice (8-885-4085) (ONS) - Bobby Nivens (8-885-4085)

Ed Morton (373-4693)
Neal Alexander (373-7089)

Administration Alta Furr (373-3157) Sharon Friday (8-875-5365)
Libby Applegate (373-4532) Pam Boies (373-6076) Reserve Personnel
Brenda Walker (373-5401) Jay Huggins (382-0256) (Pager # 8-777-2091)

Commissary
Eddie Faulkner (8-875-5158)

Oconee
Shirley Chandler (8-885-4011)
Jeannette Baker (8-885-4030)
Carolyn Black (8-885-5175)
Derrick Neal (8-885-5063)

McGuire/Catawba
Kathy Lanier (373-5268)
Ned Chavers (373-4043)
Jim Boyles (8-875-3178)

Insurance
Doug House (382-8280) Laura Lawson (382-8281)

Purchasing Dean Dobbins (8-875-3433) Wayne Crowe (8-885-4035)
Leonard McPherson (373-8459)
Steve Smith (373-8440) Jay Miller (373-5519)
Norman Reid (373-8813)

Finance
Barbara Allred (8-831-3521) Beverly Adkins (8-831-3044) Glenn Patterson (373-7032)

C.0 ACCESS CONTROL DIRECTOR

C.1 PURPOSE

To provide access control for Crisis Management facilities.

C.2 MAJOR FUNCTIONS

C.2.a Coordinates activities of the access control checkpoints at the General Office CMC and support facilities and at the Oconee CMC and Media Center.

C.2.b Provides assistance and support to the Station Security Officer at the site.

C.2.c Coordinates traffic and unloading zones on 1st street with Charlotte Transportation officials.

C.2.d Assist the A&L Group Manager in requesting law enforcement assistance, if necessary.

C.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

C.3.a Primary (Director)

Ron Eller (for Charlotte CMC)
Ted Roach (for ONS CMC)

C.3.b Alternates

David Smith	Robert Price
Keith Shannon	Richard Povlich
Cissy Kerr	Rhonda Sheppard
Kay Hill	
Robin Brandon	Dan DuBose
Deborah Mauney	Bill Evans

C.4 ACCESS CONTROL DIRECTOR DUTIES

C.4.a Upon being notified of Crisis Management Center activation, the Access Control Director shall contact the team members in order to activate the access control checkpoints.

C.4.b The Access Control Director shall then report to the Manager or designee of the A&L Group, located in the CMC, and provide a status report regarding the establishment of checkpoints 1, 2 and 3 (General Office) or checkpoints 1 and 2 (Oconee), to include an accurate time of full implementation.

C.4.c The Access Control Director shall station himself in the CMC and establish control with the Site Security officer or designee and indicate that he is available to provide logistical assistance and support, if requested. The Access Control Director shall maintain contact with the Site Security Officer throughout the drill. Appendix C-1 provides a listing of telephone members for Site Security officers.

C.4.d For the CNS and MNS CMC the Access Control Director, upon request, shall contact Charlotte City Transportation officials and request approval to establish a temporary loading/unloading zone on 1st street between Mint and Church streets. Appendix C-1 provides a listing of telephone numbers for City Transportation officials.

C.4.e Upon request, the Access Control Director shall assist the Group Manager in requesting Law Enforcement assistance. Appendix C-1 provides a listing of telephone numbers for local Law Enforcement agencies.

C.4.f The Access Control Director shall coordinate with the Site Security Officer and members of the Recovery Manager Staff to determine when to implement the site recovery plan, if necessary.

C.4.g Upon request, provide assistance and support to the State Law Enforcement Representatives located at the State Emergency Response locations.

State Law Enforcement representatives are located at the following locations:

McGuire

N.C. Highway Patrol
North Carolina SERT Headquarters
Raleigh, North Carolina

Oconee

South Carolina Law Enforcement Division (SLED) and S.C. Highway Patrol
National Guard Armory
Clemson, South Carolina

Catawba

N.C. Highway Patrol
North Carolina SERT Headquarters
Raleigh, North Carolina

SLED and S.C. Highway Patrol
South Carolina Armory
Clover, South Carolina

C.4.h If CMC members require access to the station, the Access Control Director shall notify the Station Security Officer at the TSC and provide the names of the CMC members requesting access to the site.

C.4.i The Access Control Director shall assist in coordinating the transfer of materials/equipment to the sites by contacting the Site Security Officer and requesting access through road blocks or checkpoints.

C.4.j The Access Control Director shall ensure that personnel manning the access control checkpoints are provided with periodic reliefs.

C.4.k Upon completion of the drill/event, the Access Control Director will select the color coded adhesive dot required for use in the next drill/event.

C.4.k.1 A package of dots shall be sealed in individual envelopes for each checkpoint and placed in the admin. locker.

C.5 ACTIVATION OF CATAWBA/MCGUIRE CMC CHECKPOINTS

C.5.a Upon notification of a drill or an actual emergency, the Nuclear Production Department Duty Engineer will contact Corporate Security.

C.5.b Corporate Security will immediately dispatch two (2) security officers to the Crisis Management Center to establish access control checkpoint 1.

C.5.c Upon notification from the NPD Duty Engineer, Corporate Security will also notify the Access Control Director of the activation of the CMC. If Corporate Security is unable to contact the Access Control Director, they will attempt to contact the next access control group member.

C.5.d Once notified by Corporate Security, the Access Control Director will contact an appropriate number of access control group members and direct them to respond to the CMC to obtain a Crisis Management Master Personnel Printout (MPP) and a package of color coded adhesive dots and then respond to a designated access control checkpoint.

C.5.e Access control checkpoints and access control members' duties are described in Section C.7.

C.6 ACTIVATION OF OCONEE CMC AND MEDIA CENTER

C.6.a Upon notification of a drill or an actual emergency, the Nuclear Production Department Duty Engineer will contact

Ted Roach CMD-SD, or the appropriate CMD-SD alternate to activate the security checkpoints at the CMC and Media Center. Appendix C-1 provides a listing of CMD-SD contacts' phone numbers.

C.6.b CMD-SD Security will then immediately dispatch three (3) security officers and one (1) Security Supervisor to the CMC to establish checkpoints 1, 2, and 3. Section describes the checkpoints and duties of the access control points.

C.6.c Access control checkpoints and access control/security members' duties are described in Section C.8.

C.7 CATAWBA/MCGUIRE CMC CHECKPOINTS

C.7.a CHECKPOINT 1 (G.O. CMC)

C.7.a.1 Location

The General Office Crisis Management Center is located on the ground floor of the Power Building, General Office, Charlotte, N.C., with the main entrance on 1st Street. Checkpoint 1 shall be established interior to the main entrance.

C.7.a.2 Staffing

Checkpoint 1 shall be staffed with two (2) access control personnel upon initial activation. Once access control activities have declined, staffing for this position can be decreased to one person.

C.7.a.3 Access Requirements

Proper authorization for entry into the CMC includes the following:

a. Duke Power Company photo identification and verification of access authorization using the Crisis Management Master Personnel Printout. (See Section C.9.b for use of printout)

b. NON-CMC member (not listed on the Crisis Management Master Personnel Printout) - approval by an appropriate CMC Manager or Director.

c. Duke Power photo identification which has the proper color coded adhesive dot that was selected for a particular drill/event (indicates prior approval/registration).

d. Approved credentials for Nuclear Regulatory Commission (NRC), federal, state, county or local emergency preparedness organization.

C.7.a.4 Duties

a. Verification of identity for all individuals requesting access by comparing photo I.D. to facial features.

b. Using the Crisis Management Master Personnel Printout, verify all CMC members are authorized access and place a check mark beside name to indicate participation.

c. Verify access authorization for CMC personnel who have previously registered by checking for the existence of the appropriate color coded adhesive dot on the individual's ID and by verfying identity.

d. Issuance of white armbands to approved visitors.

e. Registration of personnel.

f. Attach color coded adhesive dots and apparel clips to all DPC I.D. cards.

g. Notify Access Control Director of all discrepancies or if any problems occur.

C.7.a.5 General Information

a. Periodic relief shall be provided for each access control member.

b. Access control members are not allowed to leave their position without approval from the Access Control Director or alternate.

c. CMC keys, including Access Control System keys, are located in the Janitor/Storage room.

d. Visitor armbands and I.D. clips are located in the Administrative and Logistics storage cabinet.

e. If a disturbance occurs or a security problem develops, contact Corporate Security immediately to summon assistance. Appendix C-1 provides telephone number for Corporate Security.

C.7.b CHECKPOINT 2 (News Group Work Area)

C.7.b.1 Location

Located in the Electric Center, General Office, Charlotte, N.C., Room 30 on the second floor shall be the News Group Work Area. Checkpoint 2 shall be established at the entrance door to allow ingress and egress.

C.7.b.2 Staffing

Checkpoint 2 shall be staffed with one access control member.

C.7.b.3 Access Requirements

a. Same as C.7.a.3.

C.7.b.4 Duties

a. Verification of identity for all individuals requesting access by comparing photo I.D. with facial features.

b. Verify access authorization for CMC personnel who have previously registered in the CMC by checking for the existence of the appropriate color coded adhesive dot on the individual's I.D. and by verifying identity.

c. For CMC members who have not previously registered, verify access authorization using the Crisis Management Master Printout and attach a color coded adhesive dot and an apparel clip to the individual's badge.

d. Registration of personnel.

e. Direct media personnel to O. J. Miller Auditorium.

f. Notify Access Control Director of all discrepancies or if any problems occur.

C.7.b.5 General Information

a. Personnel requesting entry should be processed as expeditiously as possible without sacrificing positive control of the checkpoint.

b. Periodic relief shall be provided for access control member.

c. Access control member shall not leave his/her position unless relieved or as directed by the Access Control Director or alternate.

C.7.c CHECKPOINT 3 (Media Center)

C.7.c.1 Location

Located on the 1st Floor of the Electric Center, General Office, Charlotte, N.C., the O. J. Miller auditorium shall be the Media Center. Checkpoint 3 shall be established in the Electric Center lobby at the first entrance doors leading into O. J. Miller Auditorium.

C.7.c.2 Staffing

Checkpoint 3 shall be staffed with one access control member.

C.7.c.3 Access Requirements

Proper authorization for entry into O. J. Miller Auditorium includes the following:

a. Duke Power Company photo identification and verification of access authorization using the Crisis Management Master Personnel Printout.

b. NON-CMC member, (not listed on the Crisis Management Master Personnel Printout) approval by an appropriate CMC Manager or Director.

c. Duke Power photo identification which has the proper color coded adhesive dot that was selected for a for a particular drill/event (indicates prior approval/registration).

d. Approved credentials for Nuclear Regulatory Commission (NRC), federal, state, county or local emergency preparedness organization.

e. Credentials and identification indicating a member of the news media. This identification must contain, at minimum, the person's name, name of organization such as "The Charlotte Observer" or "WSOC-TV", etc.

C.7.c.4 Duties

a. Verification of identify for all individuals requesting access.

b. Register media personnel.

c. Using the Crisis Management Master Personnel Printout, verify all CMC members are authorized access.

d. Verify access authorization for CMC personnel who have previously registered in the CMC by checking for the existence of the appropriate color coded adhesive dot and by verifying identity.

e. Notify Access Control Director of all discrepancies or if any problems occur.

C.7.c.5 General Information

a. Same as Section C.7.b.

C.8 Oconee CMC and Media Center Checkpoints

C.8.a Personnel resources for CMC and Media Center checkpoints shall be provided by CMD-South security and shall be available to perform these duties on a (24) hour basis. CMD-South shall be responsible for ensuring the availability of knowledgeable Access Control Personnel (ACP) and supervision to support CMC and Media Center operations.

C.8.b Upon activation of the CMC, the Access Control Director for ONS CMC and appropriate alternates will be notified and alternates will immediately travel to the ONS CMC to assist with or assume overall control over access control operations. Until the arrival of the Access Control Director or Alternate Director, the CMD-South Access Control Personnel Supervisor shall report to the highest ranking ONS Nuclear Production Department employee.

C.8.c CHECKPOINT 1 (CMC Building)

C.8.c.1 Location

CP1 is located interior to the main entrance to the CMC adjacent to the sliding glass window. Appendix C-2 shows exact location of the CMC CP1.

C.8.c.2 Staff'ng

Checkpoint 1 requires two (2) officers. Both officers shall be positioned just inside the entrance doors of the CMC at the Access Control desk.

C.8 c.3 Access Requirements

Proper authorization for entry into the CMC includes the following:

a. Duke Power Company photo identification and verification of access authorization using the Crisis Management Master Personnel Printout. (See Section C.9.b for use of printout)

b. NON-CMC member - (not listed on the Crisis Management Master Personnel Printout) approval by an appropriate CMC Manager or Director.

c. Duke Power photo identification which has the proper color coded adhesive dot that was selected for a particular drill/event (indicates prior approval/registration).

d. Approved credentials for Nuclear Regulatory Commission (NRC), federal, state, county or local emergency preparedness organization.

C.8.c.4 Duties

a. Verification of identity for all individuals requesting access by comparing photo I.D. to facial features.

b. Using the Crisis Management Master Personnel Printout, verify all CMC members are authorized access and place a check mark beside name to indicate participation.

c. Verify access authorization for CMC personnel who have previously registered by checking for the existence of the appropriate color coded adhesive dot on the individual's ID and by verifying identity.

d. Issuance of white armbands to approved visitors.

e. Registration of personnel.

f. Attach color coded adhesive dots and apparel clips to all DPC I.D. cards.

g. Notify Access Control Director of all discrepancies or if any problems occur.

h. Control access through the main entrance by use of the access control switch which controls the electric lock.

i. Monitor the status of all other CMC doors by use of the Guardsman Access Control Panel. (See Appendix C-3)

1. If doors are opened, an alarm will sound on the panel. The Access Control Personnel (ACP) should respond to verify proper access authorization. Note that panel alarms will not reset until the door is secured.

2. Upon request, ACP may permit access through other doors provided that ACP is standing by to verify proper access. The alarm point for the appropriate door can be defeated by placing the toggle switch in the off position.

3. The location of each alarm (2, 3 and 4) and door hardware is described in Appendix C-3. Note that the corresponding On/Off toggle switch on the panel must be in the on position in order for the alarm to annunciate.

C.8.c.5 General Information

a. Access Control personnel should remain on post until relieved or as directed by the Access Control Director or Alternate.

C.8.d CHECKPOINT 2 - Media Center (Operations Center)

C.8.d.1 Location

CP2 is located at the side entrance to the Clemson District Operations Center. Appendix C-4 shows exact location of the Media Center Assembly Room CP2.

Note: Key to Operations Center door is located in key box in CMC janitorial room.

C.8.d.2 Staffing

Checkpoint 2 requires one (1) ACP. The ACP shall be positioned just inside the side entrance door of the Operations Center.

C.8.d.3 Access Requirements

Proper authorization for entry into the Media Center includes the following:

a. Duke Power Company photo identification (CMC member) and verification of access authorization using the Crisis Management Master Personnel Printout.

b. Duke Power Company photo identification (NON-CMC member, not listed on the Crisis Management Personnel Printout) approved by an appropriate CMC Manager or Director.

c. Duke Power photo identification which has the proper color coded adhesive dot that was selected for a particular drill/event (indicates prior approval/registration).

d. Approved credentials for Nuclear Regulatory Commission (NRC), federal, state, county or local emergency preparedness organization.

d. Credentials and identification indicating a member of the news media. This identification must contain, at minimum, the person's name, name of organization such as "The Charlotte Observer" or "WSOC-TV", etc.

C.8.d.4 Duties

Prior to the arrival of Registration personnel, the ACP positioned at the Media Center entrance shall be responsible for performing the following duties:

a. Verification of identity for all individuals requesting access.

b. Register and badge media personnel.

c. Using the Crisis Management Master Personnel Printout, verify all CMC members are authorized access.

In addition, officers shall provide access control into the Operations Center and monitor activities in the area.

C.8.d.5 General Information

The ACP located at CP2 shall be responsible for controlling access through the entrance of the Operations Center and Media Center Assembly Room. The Media Center is isolated from the Operations Center by securing double doors located interior to the building, securing all other exterior access points into the Operations Center and by establishing checkpoint 3 at the Operations Center yard gate entrance. Operations personnel can access the Operations Center by using issued keys to open the secured double doors near the entrance.

C.8.e CHECKPOINT 3 (Operations Center Yard Gate)

C.8.e.1 Location

CP3 is located at the Operations Center yard gate entrance. The ACP located at CP3 shall be responsible for controlling access through the gate entrance.

C.8.e.2 Staffing

Checkpoint 1 requires one (1) ACP. The officer shall be positioned at the Operations Center Yard Gate.

C.8.e.3 Access Requirements

Proper authorization for entry into the Operations yard includes the following:

a. Duke Power Company photo identification.

b. Operations contract workers whose names appear on a pre-authorized access list provided by Operations management staff.

c. Approved credentials for Nuclear Regulatory Commission (NRC), federal, state, county or local emergency preparedness organization.

C.8.e.4 Duties

The ACP positioned at the yard gate shall be responsible for performing the following duties:

a. Verification of identity for all individuals requesting access.

In addition, the officer shall provide access control into the Operations yard and monitor activities in the area.

C.8.e.5 General Information

a. Periodic relief shall be provided for each officer.

b. ACP are not allowed to leave their position without Supervisor approval.

C.9 FITNESS FOR DUTY ACCESS VERIFICATION AND CONTINUED OBSERVATION

10CFR26 Fitness for Duty requires random drug and alcohol screening for all individuals required to report to Crisis Management facilities. Crisis Management facilities include checkpoints 1, 2 and 3 at the Catawba/McGuire CMC and checkpoints 1 and 2 at the Oconee CMC. Checkpoint 3 at the ONS CMC is exempt from these requirements since access to CMC facilities can not be gained through checkpoint 3.

Part 26 also requires procedures to be in place to enable the restriction of CMC access for any CMC member with a positive drug screen.

C.9.a CRISIS MANAGEMENT MASTER PERSONNEL PRINTOUT

To comply with Part 26 requirements, Human Resources Department shall notify the Emergency Preparedness Director or his designee of any positive drug test results for CMC members. The Emergency Preparedness Director shall be responsible for updating the Crisis Management Master Personnel Printout that shall be used by checkpoint ACP and access control personnel as the tool to verify that CMC members are authorized access to CMC facilities. Three (3) copies of the Master Personnel Printout (MPP) shall be stored in the Administration and Logistics Group office section of the Catawba/McGuire CMC and two (2) copies of the MPP shall be stored in the A&L Group office section of the Oconee CMC. A small storage cabinet located in both A&L Group offices shall be used to store the MPP's.

C.9.b Use of the Master Personnel Printout (MPP)

C.9.b.1 Access control members shall use the MPP to verify that CMC members are authorized access to CMC facilities.

C.9.b.2 Since the Duke photo identification card for some CMC members does not indicate that the individual is a CMC member, the access control member must check each Duke employee's photo identification using the MPP.

C.9.b.3 If the employees' name is listed on the MPP and access has not been denied, the employee is authorized access.

C.9.b.4 If access to the CMC has been denied, the words "NO ACCESS" will be printed in the first column of the MPP preceding the employee's name.

C.9.b.5 If an employee's access has been denied, the access control member shall contact the Access Control Director for assistance and ensure that the employee is not permitted access into the CMC facility.

C.9.b.6 If a Duke employee's name does not appear on the MPP, CMC access may be approved by an appropriate CMC manager or director.

C.9.c Observation of Individuals Requesting Access

C.9.c.1 Access Control Personnel and access control members shall be observant of all individuals requesting access into CMC facilities to detect those individuals that may be unfit for duty due to drug or alcohol consumption.

C.9.c.2 If an individual is suspect of being unfit for duty, access will be denied and the Access Control Director shall be contacted immediately.

C.9.c.3 The Access Control Director shall notify the appropriate CMC Group Manager who will be responsible for making fitness for duty determinations.

C.9.c.4 The following Human Resource Contacts are available for assistance in addressing Fitness for Duty related questions:

	Office #	Name #
a. Sue Murdock	373-6188	[redacted]
b. Iris Crawford	382-2597	

C.10 ONS BURGLAR ALARM SYSTEM

The ONS CMC is protected by an alarm system which provides burglar detection via magnetic door contacts and passive infrared detector(s). The system also provides fire detection via smoke detectors.

The system provides an audible alarm through an exterior siren and notification through automatic dialing into Lake Norman Security Monitoring Services. (1-800-222-2579)

C.10.a When consulting with the monitoring service, the system must be identified by the following: Receiver #7, Account Code D-37.

C.10.b Keys to the control panel will be maintained in the key cabinet located ir the janitor room.

C.10.c A user's manual for the alarm system will be maintained in the A&L office storage cabinet at the ONS CMC.

C.10.d Appendix C-5 provides an illustration of the control panel and a description of the system indicator lights.

C.10.e Notification of Alarms

C.10.e.1 Upon receipt of an alarm, the monitoring service will contact the following personnel.

a. Local Police - 803 - 653-2040
or
Fire Department - 803 - 656-2211

b. CMD-SD Security - 803 - 885-4149
- 803 - 885-5149

c. Ron Harris - 704 - 373-8669 (Office)
- [redacted] (Home)
Beeper No. 1560(8002)

d. If Ron Harris is not available, the monitoring service will contact one of the following:

Brad McRee - 704 - 373-5149 (Office)
- [redacted] (Home)
Beeper No. 2515(8002)

Diane Simpson - 704 - 373-8771 (Office)
- [redacted] (Home)
Beeper No. 2514(8002)

C.10.f CMD-SD Security will respond to alarms when necessary to ensure that the CMC is secure and to reset alarms as appropriate.

C.10.g Personal Access Codes (PAC)

The alarm system is programmed with four (4) personal access codes which are used to arm and disarm the system. These codes will remain confidential and will be given out on an as needed basis only. Listed below are groups which have been assigned PACS.

1. Emergency Planning
2. Corporate/Access Control/World of Energy
3. CMD-SD Security
4. ONS Operations Center

C.10.h Disarming Upon Entering the CMC

C.10.h.1 The alarm system has been programmed with a time delay which provides sufficient time to enter and disarm the system prior to activation. (Approx. 40 seconds)

C.10.h.2 Upon entering the CMC, the control panel will sound a steady buzzing tone. This is a pre-alarm which reminds you to disarm the system.

C.10.h.3 Disarming Sequence

a. Press the [1] Key and enter your PAC.

b. Verify that the "ARMED" light is off. If the ARMED light does not extinguish, press the [*] Key and the [1] Key and reenter your PAC.

C.10.i Arming Before Leaving the CMC

C.10.i.1 The system is also programmed with an exit delay which will provide

sufficient t... .o exit the CMC prior to activating the system. (Approx. 40 seconds)

C.10.i.2 Arming Sequence

a. Verify that the toggle switch numbers 2, 3 and 4 or the Guardsman Access Control Panel are in the "ON" position.

b. Verify that the ready light is on. If not, check the infrared detector to ensure that your movements aren't being detected and/or check all entrance doors to ensure that they are closed.

c. Press the [1] key and enter your PAC.

d. Verify that the ARMED light illuminates. (If armed, the control panel will buzz and the armed light will come on). If the ARMED light does not come on, depress the [*] Key and re-enter [1] and your PAC.

C.10.j Fire Alarms

C.10.j.1 A fire alarm will be indicated by the red auxiliary light which will illuminate on the Control panel.

C.10.j.2 Silencing Fire Alarms

a. Press the [*] Key. (alarm should silence; light will remain on)

b. Enter your PAC. (alarm should reset)

c. If the auxiliary light starts blinking, it indicates trouble within the fire system. Follow steps for silencing Fire Trouble Alarms below.

C.10.j.3 Silencing Fire Trouble Alarms

a. Press the [*] Key.

b. Press the [7] Key and enter your PAC. The detectors should reset and the red auxiliary light should extinguish.

C.10.k.1 Battery Test

a. Press the [7] Key and your PAC.

b. Wait 5 seconds; if the power light remains on, then the batteries are O.K. If the battery is weak, the power light will blink.

C.10.k.2 Sensor Test

a. Verify that system is disarmed.

b. Press the [8] Key and your PAC.

c. Open the Main Entrance - Exit Door. The control panel should beep and the READY light will extinguish.

d. Close the Door. The Control panel should stop beeping and the READY light should illuminate.

e. Complete this sequence on the side double doors, the equipment room doors, and the rear emergency exit door.

f. Upon completion of test, press the [*] Key.

APPENDIX C-1

Telephone Listing

Station Security Offices

McGuire - Terry Keener 8/875-4228
Catawba - Jim Roach 8/831-5893
Oconee - Tom McQuarrie 8/885-2482

Charlotte City Transportation Officials (Public Service Section)

Randy Jones 336-3893
Pat Morgan

Charlotte Police Department

Emergencies 911
Information 336-2352
Duty Captain 336-2141

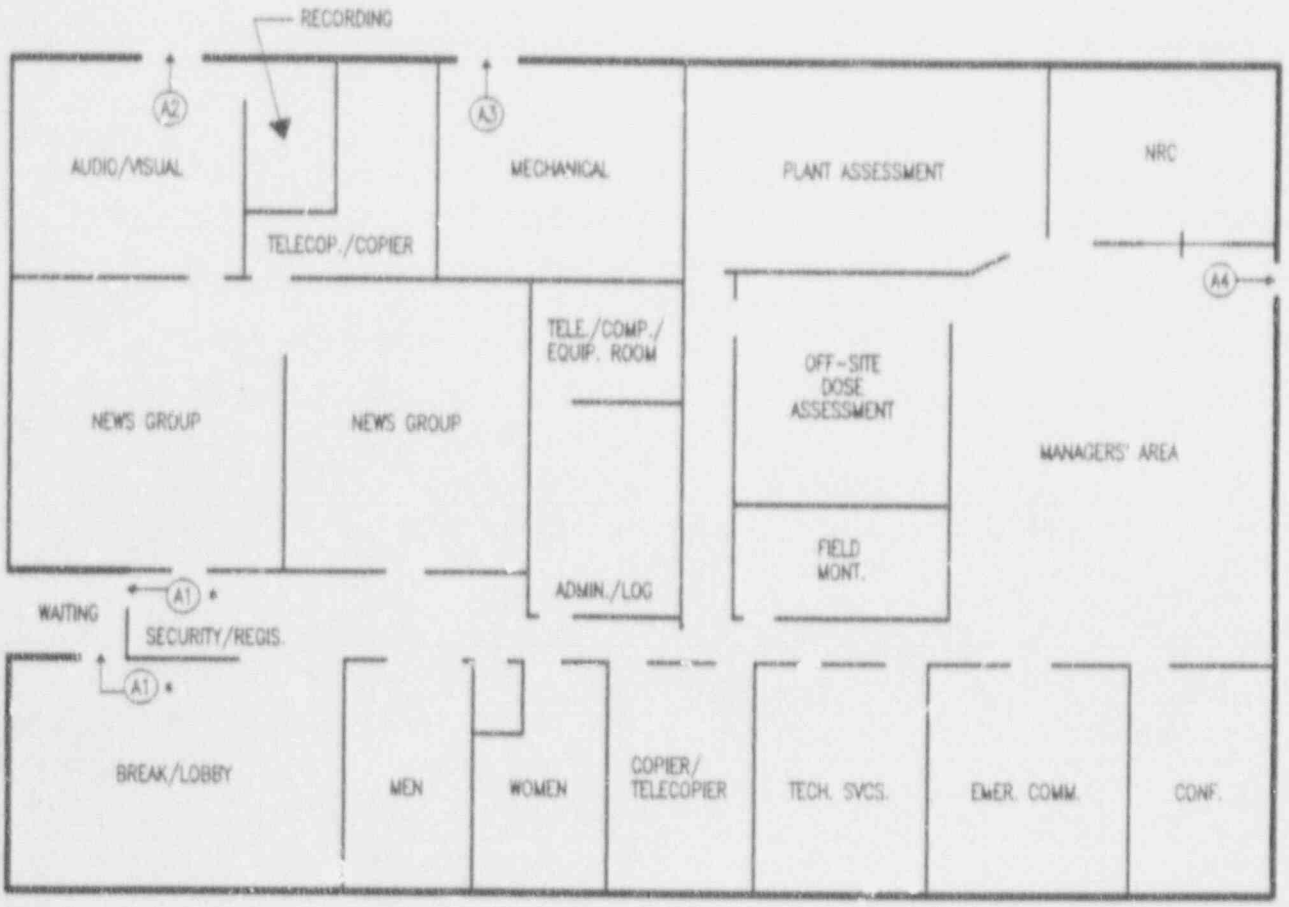
Corporate Security

Electric Center Security Center 373-5950

CMD-SD Security

Security 8/885-4000
Ted Roach 8/885-4073 (work)
[redacted] (home)
Bill Evans 8/885-4065 (work)
[redacted] (home)

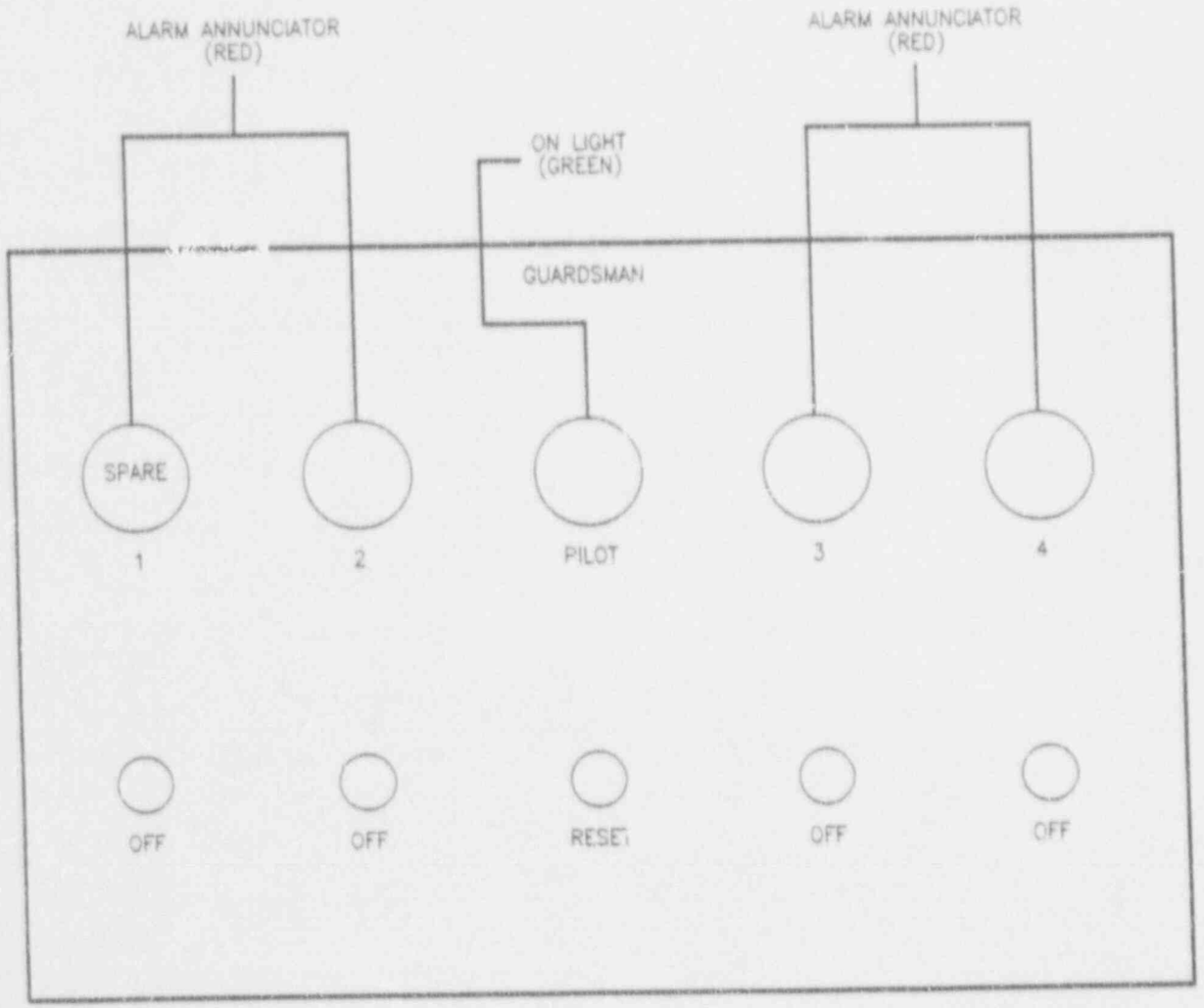
OCONEE CRISIS MANAGEMENT CENTER
GENERAL ARRANGEMENT



* Alarms on Doors A1 are operable during times that the CMC is unoccupied. No audible alarms are received during the times the CMC is activated.

APPENDIX C-3

FRONT VIEW OF MODEL GP-4 ACCESS CONTROL PANEL



ALARM	LOCATION	HARDWARE
1 (Spare)		
2	Double Door - Side	Lockset
3	Equipment Room - Side	Lockset
4	Emergency Exit - Rear	Egress Bar Only

POWER SUPPLY

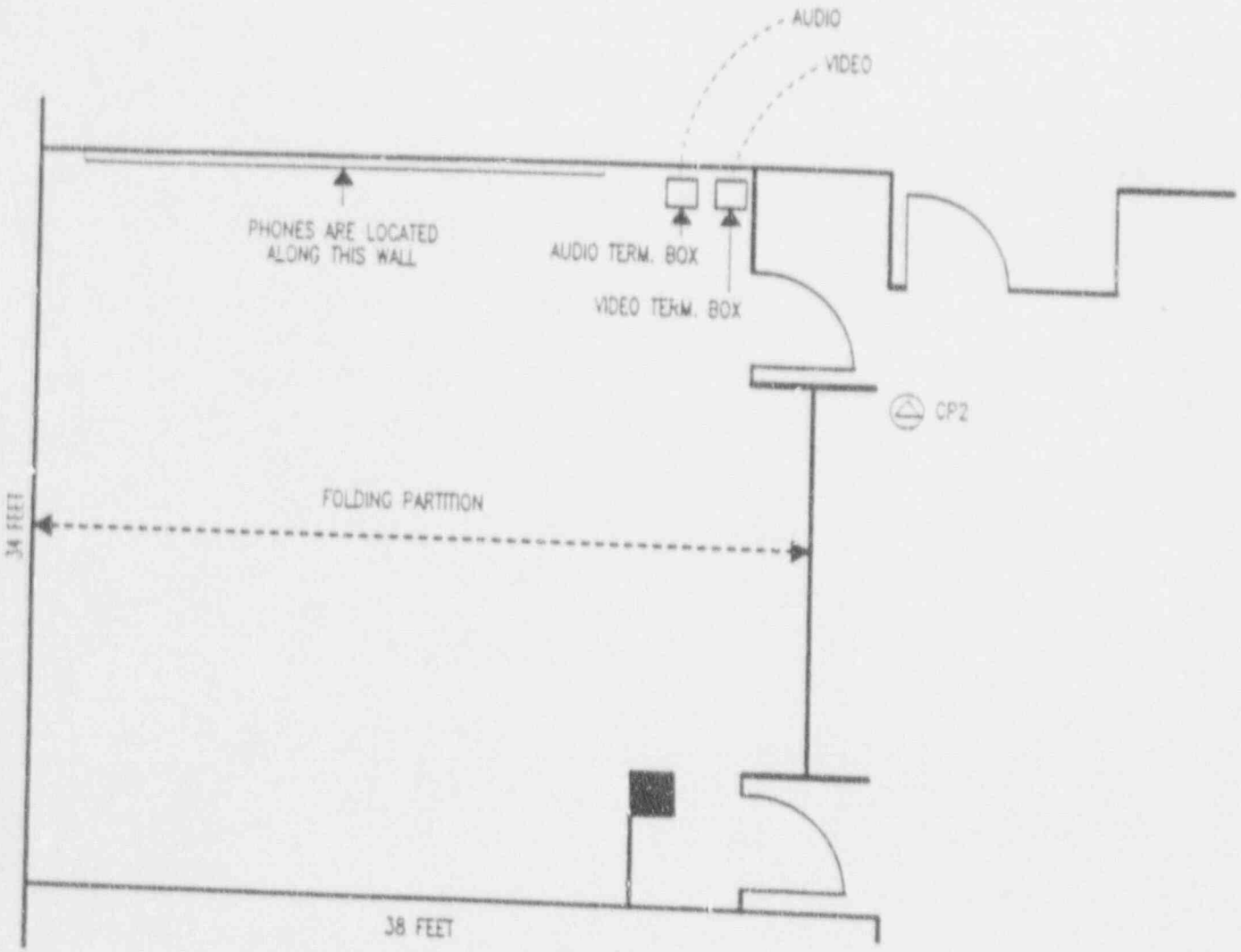
Access Control Panel Feed by Breaker R-54

Emergency Power Generator Circuit 16

APPENDIX C-4

OCONEE CMC
MEDIA CENTER

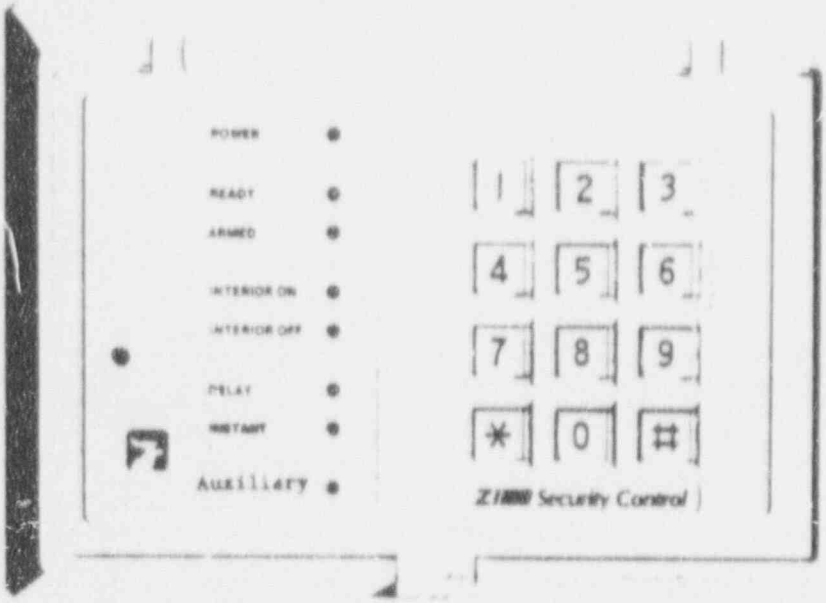
CLEMSON DISTRICT OPERATIONS CENTER ASSEMBLY ROOM



TELEPHONES:

654-6019	654-6514
654-6104	654-6521
654-6201	654-6607
654-6330	654-6632
654-6506	654-1206

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.



Power Light

If ON, the system is using electrical power.
If OFF, the system is using the standby battery.
If BLINKING, see ELECTRICAL POWER AND THE STANDBY BATTERY.

Ready Light

If ON, all zones are secure.
If OFF, one or more zones are open.
If BLINKING, one or more zones are bypassed. Part of the building is unprotected. See ZONE BYPASSING (SHUNTING).

Armed Light

If ON, the system is armed.
If OFF, the system is disarmed. See ARMING AND DISARMING YOUR SYSTEM.
If BLINKING, an alarm has occurred. See ALARM MEMORY.

Interior Lights

If INTERIOR ON, the interior is protected when the system is armed.
If INTERIOR OFF, the interior is unprotected when the system is armed.
See ARMING THE SYSTEM WITHOUT LEAVING THE BUILDING.

Delay Light

If ON, you have a time delay to leave through any zone and enter through a delay zone when the system is armed. See ENTRANCE DELAY ZONES.

Instant Light

If ON, entrance through any burglar zone will cause an immediate alarm when the system is armed. See ENTRANCE DELAY ZONES.

Auxiliary Light

If ON, a fire alarm has occurred. See WHAT TO DO IF YOUR FIRE ALARM SOUNDS.
If OFF, the system is operating normally.
If BLINKING, a fire zone is in trouble. See FIRE TROUBLE.

D.0 COMMUNICATIONS DIRECTOR

D.1 PURPOSE

This group provides the telephone and radio requirements of the overall recovery organization as well as electrical needs.

D.2 MAJOR FUNCTIONS

D.2.a Installs and maintains telephone system

D.2.b Supplies mobile radios and radio pagers

D.2.c Installs additional electrical hookups as needed

D.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

D.3.a PRIMARY

Oconee	McGuire & Catawba G.O.
Bob Robinson	Bob Delano

D.3.b ALTERNATES

Oconee	McGuire & Catawba
Roy Strickland	Spencer Edwards
	Tim Slay

D.4 ADDITIONAL PERSONNEL REQUIRED

Additional personnel may be required immediately to help set up telephones and communication equipment so system will function as quickly as possible. Switchboard operators will be stationed through drills and exercises, as necessary.

D.5 ARRIVAL AT CMC

Work will begin immediately in establishing lines between the plant and the crisis center.

D.6 COMMUNICATION SYSTEMS

D.6.a. Oconee Nuclear Station

D.6.a.1. Telephone System:

The telephone system to be utilized is detailed in Implementing Procedure CMIP-8.

D.6.a.2. Radio Communications

The Oconee emergency radio base station will be placed in operation upon arrival. This system is detailed in Implementing Procedure CMIP-8.

D.6.b. McGuire Nuclear Station/Catawba Nuclear Station

D.6.b.1. Telephone System

The telephone system to be utilized is detailed in Implementing Procedure CMIP-9. It consists of independent lines for use by press personnel and provisions are made for phones for NRC use and special off-site agency coordination use.

D.6.b.2. Radio Communications

The emergency radio base station will be placed in operation upon arrival. This system is detailed in Implementing Procedure CMIP-9.

D.6.c. General Computer Support

D.6.c.1. VAX Computer Systems Support

Upon CMC activation, contact Production Computer Applications Services (PCAS) to inform them of the need to keep the VAX operating in order to support Crisis Management applications.

The Dial Page system can be used to make the initial contact with a support person. This paging system allows the user to make a direct page from any touch-tone telephone.

1. For VAX SUPPORT, dial 337-4636.

2. After hearing a short, high-pitched tone, enter your complete telephone number (including your area code) on your touch tone telephone pad. If you wish to include an additional extension number, you may enter this number also.

3. Replace the telephone receiver. Your telephone number will be forwarded to the PCAS person "on call" and you should receive a return call within 20 minutes.

4. If you do not receive a return call within 20 minutes, call the appropriate pager number again or the home phone of the appropriate contact person listed in the Applications Support List which follows:

Jeff Jordan	704/636-0661
Ron Eddy	704/541-7648
Frayser Simpson	704/753-1699

Contact PCAS when CMC operation has been terminated.

D.6.c.2. Main Frame computers

Upon CMC activation, contact the College Street Center to inform them of the need to keep main frame computers available in order to support Crisis Management applications, i.e. Oconee Data System (on PRDB) and PROFS.

Contact the shift supervisor or lead operator at 382-0404.

Contact College Street Station when CMC operation has been terminated.

D.7 EQUIPMENT

D.7.1. Phones

All phone equipment for the ONS CMC is in each individual room and location. The phones and related equipment for the press lines for Oconee are stored in the Clemson Operations Center. All phone equipment for the MNS/CNS CMC is in each individual room and location.

D.8 TELEPHONE DIRECTORIES

D.8.a. OCONEE NUCLEAR STATION

The Oconee telephone directory is shown in Implementing Procedure CMIP-8. Information for revisions to the telephone directory will be given to the System Emergency Planner on a quarterly basis.

D.8.b. MCGUIRE NUCLEAR STATION AND CATAWBA NUCLEAR STATION

The McGuire and Catawba telephone directory is shown in Implementing Procedure CMIP-9. Information for revisions to the telephone directory will be given to the System Emergency Planner on a quarterly basis.

D.9 AUDIT PROCEDURES

Information contained in this section will be verified periodically for accuracy in accordance with Section A.8 of this manual.

E.0 PURCHASING DIRECTOR

E.1 PURPOSE

This position coordinates all activities within the Recovery Organization relating to the procurement of materials, equipment and services.

E.2 MAJOR FUNCTIONS

E.2.a Issues requisitions

E.2.b Negotiates contracts

E.2.c Issues purchase orders

E.2.d Expedites hardware and software

E.2.e Coordinates receipt of material

E.2.f Coordinates distribution of material

E.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

E.3.a PRIMARY (DIRECTOR)

Leonard McPherson

E.3.b ALTERNATES

Dean Dobbins
Jay Miller
Steve Smith
Norman Reid
Wayne Crowe

E.4 ADDITIONAL PERSONNEL REQUIRED

Since most of the purchasing functions will be handled in the General Office, the entire Purchasing Department will be at the Purchasing Director's disposal. Teams and back-ups have been assigned within GO Purchasing. See Appendix E-1. The CMC Purchasing Team will utilize the clerical support provided by the Administration Director for typing, sending telecopies, answering telephones, handling material, controlling paperwork, etc.

E.5 FIELD PURCHASING CONTACTS

Field Purchasing Contacts have been established at all Nuclear Plant and CMD locations. These individuals would be called on to assist in the ordering and receiving of materials at their normal work location in the event of activation of the Crisis Management Center. See Appendix E-2.

E.6 ARRIVAL AT CMC

The Purchasing Director will assess the situation and activate the GO Purchasing team, if necessary.

Immediate work will begin on procurement of equipment, material and services as may be required.

E.7 INTERFACE WITH OTHER GROUPS

This position will work with the Transportation Director to insure expeditious delivery of equipment to the site and with the Finance Director to obtain required funds from petty cash for small purchases. This position will work with the Nuclear Production Department concerning the receipt and distribution of equipment and materials.

E.8 CRISIS STAGE TO RECOVERY STAGE

The following is a checklist of things to do and/or consider when moving from the CRISIS STAGE to the RECOVERY STAGE of an event.

- Activate GO Purchasing team
- Request major equipment I.D. list from Design Engineering
- Prepare work schedule for Purchasing team
- Assess need for additional personnel support
- Assess need to assign team member to Nuclear Production Receiving Dept.
- Establish expediting level at Level One

E.9 PROCEDURES

E.9.a REQUISITIONING EQUIPMENT

When it has been determined that material, equipment or services are needed, Purchasing Coordinators at the CMC will convey that need as rapidly as possible to the General Office Purchasing Department utilizing telephones and/or telecopiers. Requisitions for the recovery effort will be handcarried through the Purchasing Department system for immediate order processing.

E.9.b EXPEDITING

Expediting Level One or higher will apply to all purchases for the recovery operation unless determined otherwise.

E.9.c RECEIVING

Receipt of material and equipment will be handled by the Nuclear Production Receiving Department. A member of the Crisis Management Purchasing Team will coordinate with Receiving to assure that the material gets to the appropriate destination at the site.

E.10 INFORMATION FOR EMERGENCY PURCHASING MANUAL

A copy of the manual entitled, "Information For Emergency Purchases" will be located in the materials supply cabinet in the Administration & Logistics area at both Crisis Management Centers. This manual contains information concerning vendors and Purchasing Department personnel that can be contacted at any time emergency procurements arise.

E.11 MAJOR EQUIPMENT IDENTIFICATION

Design Engineering maintains a complete listing of major equipment with such information as Engineering Description, Vendor, Purchase Order Number, Specification Number, Responsible Engineer and Responsible Buyer. This information is easily accessible and should supplement information already available in the Purchasing Department.

E.12 PARTS INFORMATION

Upon placement of a major equipment order, the supplier is required to furnish a complete list of parts necessary to maintain or repair that equipment. This list is maintained by Nuclear Production (first choice) and Design Engineering.

E.13 AUDIT PROCEDURES

All information in the Purchasing Section will be verified for accuracy in accordance with Section A.8.

APPENDIX E-1

PAGE 1 OF 1

CRISIS MANAGEMENT CENTER
PURCHASING DEPARTMENT
G.O. TEAMS

Team A		Team B		Team C	
E.K. Bone	- 289-4015	D.S. Carter	- 847-6047	L.E. Williams	- 535-7639
R. L. Caldwell	- 932-2289	R.H. Armstrong	- 825-9709	C.M. Ballard	- 847-7129
R.F. Hollis	- 3[illegible]059			J.L. McCarty	- 933-1691
C.M. Bowers	- 892-8412	R.S. Trauschke	- 541-8096	G.B. Durell	- 552-0702
T.L. Coe	- 933-5182	J.H. Ertel	- 374-0367	J.G. McCreary	- 788-6748
T.N. Powers	- 847-6064	M.S. Scruggs	- 329-1721		
Back-Up					
J.R. Botkis	- 542-2734	R.R. Hall	- 784-1272	J.L. Roseman	- 376-6498
				F.S. Shook	- 824-9372

12 hour shifts. (24 hours off)

CRISIS MANAGEMENT TEAM
PURCHASING DEPARTMENT
FIELD PURCHASING CONTACTS

INDIVIDUAL	LOCATION	WORK PHONE	HOME PHONE
Bob Dickson	Catawba Nuc. Sta.	8-831-3145	[redacted]
Arnie Hedden	Oconee Nuc. Sta.	8-885-4047	
J. K. Leitch	McGuire	8-875-5137	
Ernie Cannon	Oconee	8-885-4047	
Paul Campbell	McGuire Nuc. Sta.	8-875-4511	

F.0 FINANCE DIRECTOR

F.1 PURPOSE

This position provides resources necessary for the financial support of the Recovery effort.

F.2 MAJOR FUNCTIONS

F.2.a Administers petty cash fund

F.2.b Coordinates payroll activities

F.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

F.3.a PRIMARY (DIRECTOR)

Barbara Allred

F.3.b ALTERNATES

Glenn Patterson
Beverly Adkins
Don Gilleland

F.4 ACTION REQUIRED OF FINANCE PERSONNEL IMMEDIATELY FOLLOWING TELEPHONE NOTIFICATION OF AN EMERGENCY

F.4.a CRISIS PHASE

Finance personnel will standby at their present location.

F.4.b RECOVERY PHASE

Finance personnel will report to the Crisis Management Center or standby at their present location as directed by the emergency activation message.

F.5 ADDITIONAL PERSONNEL REQUIRED

Clerical support will be necessary within approximately two days. This support will be supplied by the Administration Group. See Appendix B-1.

F.6 ARRIVAL AT THE CMC

The Director or designee will verify that all necessary forms are available to administer the Petty Cash fund and that initial payroll information is being obtained by the Access Control Group during the registration process. Upon arrival at the site and after assessment of the situation has been made, the Assistant Treasurer of Duke Power will be requested to increase the petty cash fund to $50,000

F.7 FINANCE CHECKLIST FOR RECOVERY OPERATION

F.7.a Initiate imprest petty cash fund with respective bank.

F.7.b Prepare a file for each employee containing the necessary payroll information to insure that each employee's check is received at the crisis site.

F.8 PETTY CASH

Oconee

An imprest Petty Cash fund has been established with South Carolina National Bank in Seneca, South Carolina in the amount of $1,000. This fund is to be used for Oconee Nuclear Station and can be increased to $50,000 within several hours, or, in the event of an emergency during a weekend, when the bank opens on the following Monday.

McGuire

An imprest Petty Cash fund has been established with First-Citizens Bank and Trust Company in Charlotte, North Carolina in the amount of $1,000. This fund is to be used for McGuire Nuclear Station and can be increased to $50,000 within several hours, or, in the event of an emergency during a weekend, when the bank opens on the following Monday.

Catawba

An imprest Petty Cash fund has been established with The Citizens and Southern National Bank of South Carolina in Lake Wylie, South Carolina in the amount of $1,000. This fund is to be used for Catawba Nuclear Station and can be increased to $50,000 within several hours, or, in the event of an emergency during a weekend, when the bank opens on the following Monday.

F.8.a PETTY CASH RECONCILIATION

A bank statement is received each month for the Nuclear Stations' accounts. At this time an "Imprest Petty Cash Fund Reconciliation Form" is completed and sent to Duke Power Company, Financial and Statistical Accounting

Department, as required by corporate procedures. See Appendix F-1 for an example of this form. The Internal Audit Department periodically audits these accounts.

F.8.b PETTY CASH FORMS

Each member of the Finance Group has available, at all times, a minimum assortment of the necessary forms for the administration of the Petty Cash fund.

F.9 PAYROLL PROCEDURE

a. The Finance Group will receive the necessary payroll information for each employee from the Access Control Group. This information will include employee's full name, and permanent job location.

b. A file containing the information received from the Access Control Group will be established for each employee entering the crisis site. This information will be used to maintain and process the employee's time sheet.

c. The work hours and work description will be reported daily by the Human Resources Group on the Group Time Reporting Form #04340.

d. The supervisor's daily report will be checked against any time adjustments for the employee. After checking for time adjustments, the information from the supervisor's report will be input into Corporate time Reporting System by means of CRT.

e. The employee time sheets will be totaled at the end of the week and forwarded to the General Office Payroll Department.

f. The Finance Group will request that the employee's permanent job location transmit a letter to the General Office Payroll Department requesting that the employee's check be sent to the crisis site.

g. The employee's check will be received at the crisis site and distributed by the Finance and Human Resources Groups.

F.10 AUDIT PROCEDURE

All information in the Finance section will be verified for accuracy in accordance with Section A.8.

DUKE POWER COMPANY
IMPREST PETTY CASH FUND RECONCILIATION

ATION _____ MONTH ENDING _____

BANK BALANCE .....

LESS OUTSTANDING CHECKS (List or Attach Tape)

NUMBER	AMOUNT	NUMBER	AMOUNT

TOTAL OUTSTANDING CHECKS

PLUS DEPOSITS IN TRANSIT
DATE

CHECK BOOK BALANCE

SUSPENSE ITEMS

CASH ADVANCES

CASHIERS
PETTY CASH FUND
OTHER (List Here or on Back)

UNVOUCHERED ITEMS
(List Here or on Back)
FREIGHT AND EXPRESS

PETTY CASH VOUCHERS

OTHER

VOUCHERS IN TRANSIT
DATE DESC.

TOTAL FUND

I HEREBY CERTIFY THAT THE ABOVE IS A CORRECT STATEMENT OF MY FUND AS OF .....

.....Date Prepared .....

Signed .....Prepared By .....
Manager

G.0 COMMISSARY DIRECTOR

G.1 PURPOSE

The purpose of this position is to meet basic nutritional and personnel needs of the recovery organization.

G.2 MAJOR FUNCTIONS

G.2.a Furnishes food and beverage

G.2.b Provides tables and chairs

G.2.c Provides tents

G.2.d Furnishes portable toilets

G.2.e Furnishes trash cans

G.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

G.3.a PRIMARY (DIRECTOR)

Eddie Faulkner

G.3.b ALTERNATES

Oconee	McGuire/Catawba
Shirley Chandler	Kathy Lanier
Jeannette Eaker	Ned Chavers
Carolyn Black	Jim Boyles
Derrick Neal	Lonnie Woodward

G.4 ARRIVAL AT SITE OR CMC

The Director or designee will contact suppliers for necessary food services, tables, chairs, portable toilets, and trash cans, as necessary for the situation and location of the site of CMC.

G.5 FOOD SUPPLIERS

G.5.a OCONEE NUCLEAR STATION

The following vendors have agreed to; within one hour, coffee and pastries will be delivered to the recovery location and regular meals for up to 300 persons will be available within (3) three hours.

Le Juans Restaurant
116 Ann Street
Pickens, SC 29671
Lee or Juanita Patterson (803) 878-3703
After hours [redacted]

Po Folks Restaurant
Seneca, S. C. 29678
(803) 882-5555
Mattie Johns

G.5.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION (FOR RECOVERY ONLY)

The following vendors have agreed to; within one hour, coffee and pastries will be delivered to the recovery location and regular meals for up to 300 persons will be available within three (3) hours.

Steak and Hoagie
Dimitra Galatas (704) 394-6521 - business
[redacted] - after hours

Service America
3050 Tate Boulevard, SE
Hickory, N. C. 28602
704-328-2011
Elmer Lutz

Service America
2701 Rozzelles Ferry Rd.
Charlotte, NC
704-392-6195
Larry Pugh

Mom and Pops Ham House
Hickory, N.C.
704-328-6826
Frank Buff

Mom and Pops has a catering truck that prepares meals on location.

Athens Restaurant
101 N. Independence Blvd.
Charlotte, N.C. 28204
Bill Mathis
704-375-3597

G.6 TENTS

One circus-size mess tent and one slightly smaller tent for temporary office space are to be obtained. The necessary tents will be delivered within eight hours by the following suppliers:

Anderson Rent All (Oconee)
1501 Tearman Dairy Rd.
Anderson, S.C.
803-224-8881
Bob Pierce - Owner
803-225-1590

Columbia Tent and Awning
803-799-7623

After hours: David Trevathon - 803-798-0826

Clemson Army Reserve
803-654-2025 (Pam Boggs)

HDO Production, Incorporated
11910 Parklawn Drive
Rockville, MD 20852
301-881-8700 (24 hour service)
Jerry O'Connell

Party Reflections
804 Central Avenue
Charlotte, N.C. 28204
704-332-8176

After hours: Charles Hook - 704-545-3530

It will take approximately eight hours to set-up the larger tents. Human Resources will provide required personnel.

G.7 TRASH REMOVAL

G.7.a OCONEE NUCLEAR STATION

Trash cans will be available within three hours from the following supplier:

Poe Hardware 803-271-9000
556 Perry Ave.
Greenville, SC 29602
Poe Hardware 803-271-9000 (24 hour number)
Jackie Wilder

Pickup and disposal service will be provided by the Transportation Group.

G.7.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION

Trash cans will be available within three (3) hours from the following suppliers:

Little Hardware 704-333-3133 Dan Overcash
1400 S. Mint St.
Charlotte, NC 28203

After hours: Gray Little - [redacted]
Alec Little -
Nevan Little -

G.8 PORTABLE TOILETS

G.8.a OCONEE NUCLEAR STATION

Portable outdoor toilets will be delivered by the following supplier within eight hours:

Waste Management of S. C.
1-800-525-3109
155 Dexter Road
Spartanburg, S. C. 29303
Attn: Beth Holland

After hours: Beth Holland - [redacted]
John Mills -

G.8.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION

The following suppliers will deliver portable toilets within eight (8) hours:

Porta-Jon 704-375-8988
712 W. Airline Ave.
Gastonia, NC 28052

Sue Bone
Flay Anthony

After hours: Ned Carpenter - [redacted]
Reese Carpenter

G.9 FURNITURE

G.9.a OCONEE NUCLEAR STATION

Initially, tables and chairs will be obtained from McGuire or Catawba. The Transportation Director will provide means for moving these items.

Additional equipment may be rented from the following:

Anderson Rent All (Oconee) 1501 Tearman Dairy Rd., Anderson, S.C. 803-224-8881 Bob Pierce - Owner 803-225-1590

Necessary furniture from this source can be delivered within two hours. This includes all furniture for work areas (desks, chairs shelves, files, trash cans, etc.)

G.9.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION

The following suppliers have agreed to supply the necessary furniture if it is available from their stock. They do not deliver.

Office Interiors, Inc. 704-332-2661
1100 Central Ave.
Charlotte, NC

After hours: Charles Collins - [redacted] or [redacted]

Party Reflections
804 Central Ave.
Charlotte, NC 28204
704-332-8176

After hours: Charles Hooks - [redacted]

G.10 Recovery

During recovery stage, the following items should be performed to insure proper support for all personnel involved. (Check list)

I. Notify Food Vendors

A. Oconee Nuclear Station (See Commissary Section G.5.a)
B. McGuire Nuclear Station (See Commissary Section G.5.b)
C. Catawba Nuclear Station (See Commissary Section G.5.b)
D. Crisis Management Center Charlotte (See Commissary Section G.5.b)
E. Crisis Management Center Oconee (See Commissary Section G.5.a)

II. Establish Daily Schedule

A. Meals - Location, time, and notification to all areas involved.
B. Break - Location, time, and notification to all areas involved.

III. Notify Tent Suppliers (See Commissary Section G.6)

IV. Notify Portable Toilets Suppliers (See Commissary Section G.8).

V. Establish Personnel Requirements

A. Notify Human Resources
1. Personnel for Meals and Break (Delivery, Set-up, Processing)
2. Personnel for Trash Removal (When, How often, where)
B. Establish Schedule for Personnel
1. In around the clock coverage, in all areas listed.

G.11 OFFICE TRAILER

GELCO
6351 N Tryon Street
Charlotte, N. C. 28213
704-596-7050
Brenda Brewer

GELCO
Greenville, S. C. 29606
803-879-2195
Russell Edwards

Some time ago you were contacted by a member of the Duke Power Crisis Management Team concerning your participation in upcoming crisis management exercises at one or more of our nuclear power plants.

These exercises are to prepare us to manage an actual emergency should one ever occur. If an actual emergency should occur, your company could be called on to supply commodities needed to manage the situation.

The attached form, when verified by you, will enable us to maintain our current state of preparedness. Please sign and date the attached information and return it to me in the enclosed envelope.

Yours very truly,

D. E. Faulkner
Crisis Management
Director of Commissary
Duke Power Company

DEF/flr

Attachments

1. Supplier Name:

2. Commodities supplied du. .ng actual crisis or crisis exercise:

3. Person/telephone number to call in case of emergency

4. Maximum response time by above vendor.

Oconee Nuclear Station
Highway 130
Seneca, SC

McGuire Nuclear Station
Highway 73
Cowans Ford, NC

Catawba Nuclear Station
Highway 274
Newport, SC

5. I have reviewed the above information and affirm that it is accurate and current with the following exceptions:

Signed: _____ Title: _____

Date: _____

H.0 HUMAN RESOURCES DIRECTOR

H.1 PURPOSE

The purpose of this group is to provide the personnel needs of the recovery organization both in technical and craft disciplines during crisis management efforts.

H.2 FUNCTIONS

H.2.a. Provides support personnel (clean-up, drivers, etc.)

H.2.b. Provides technical, medical and craft personnel upon request

H.2.c. Provides labor relations assistance as required

H.2.d. Insures Heliport preparation

H.2.e. Supplies TLD badges to South Carolina EPD

H.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

H.3.a PRIMARY (DIRECTORS)

Mike McCallister - Oconee
Terry Hunt - McGuire and Catawba

H.3.b. ALTERNATES

Dave V. Phillips
Jim Murphy
June Nix

H.4 TECHNICAL AND CRAFT PERSONNEL

Location	Contact	Home Phone	Work Phone
SCS Central	D L Freeze	[redacted]	803-831-3519
SCS Central	Larry Williams		803-831-3475
SCS Central	Larry Jordan		803-831-3528
SCS South	Ray Hollins		803-885-4001
SCS South	Terry Chappell		803-885-4060 or (8-848-0280 Lee Steam Station)
ONG South	Craig Tompkins		803-885-4018
SCS North	Berry Bright		704-875-5159
SCS North	Gaines Bowers		704-875-5144
SCS North	Tommy Everhart		704-875-5147

H.5 TECHNICAL ASSISTANCE FROM VARIOUS SUPPLIERS OF EQUIPMENT AT GGONEE

Appendix H-1 lists known companies who will provide assistance during a crisis situation.

H.6 TRACTOR TRAILER DRIVERS, EQUIPMENT OPERATORS, FLAT TRUCK DRIVERS, CRANE OPERATORS, VAN AND CARRY-ALL DRIVERS

Refer to Section I.O-Transportation Section

H.7 ELECTRICIANS, BUILDERS, UTILITIES

Initial responsibility of this group is setting up facilities. Coordination with the Commissary Group and the Administration Group will be necessary to determine the initial number of people required

H.7.a D.O. Communication Section contains electrical requirements for communication and initial set-up.

H.7.b Builders and utility personnel requirements will be met through contacts in Section H.4.

H.8 OTHER UTILITY COMPANIES

The INPO Emergency Resources Manual provides a list of other utility companies who may be contacted for assistance.

H.9 HELIPORT

A heliport, if required, will be lined off using white lime powder or white spray paint with special adapter to provide wide angle, uniform spraying. Approximately ten cans of spray paint is required. The heliport will be a fifty foot circle with an "H" in the center to indicate that it is an unrestricted heliport.

H.10 CRISIS MANAGEMENT/RECOVERY EFFORT WORK SCHEDULE

Once the Crisis Management Center is in place and functioning, the Human Resources Group will be staffed as required to provide 24 hour coverage. Normally this will consist of two 12 hour shifts with at least one primary/alternate per shift. Personnel changes will be made after a four day tour of duty (i.e., 48 hours per person as necessary.

H.11 FACILITY CLEANUP

The Human Resources Group is responsible for cleanup required to return the areas used by the Crisis Management Center to the state found prior to a drill, exercise or emergency as far as deemed necessary.

H.12 TLD BADGES

For Catawba and Oconee, this group will provide TLD badges to the South Carolina Emergency Preparedness Department (SCEPD). When a drill or emergency begins, a designated person in the group will call George Snyder, of SCEPD, at (803) 734-8020, or 734-8041 in Columbia, SC. He will inform us of how many TLD badges his group will need, when, and where they need them.

There are 100 TLD badges at the Applied Science Center at Lake Norman near McGuire. The designated person from the group will contact Wanda Carter for access to them. Her number is (704) 875-5000 or 875-5342 at work or (704) 364-3997 at home.

Someone from the Human Resources Group will be designated to pick up the required number of TLD badges at the Applied Science Center and deliver them to SCEPD at the specified location.

APPENDIX H-1

COMPANY	BUS. PHONE	CONTACT	HOME PHONE
B&W Nuclear Technology 222 S. Church St. Suite 220 Charlotte, N.C. 28202	704-334-6282	Rick Edwards	
General Electric Co. P. O. Box 30697 Charlotte, N.C. 28230	704-371-3357	Henry Snead	
Westinghouse Electric Corp. P. O. Box 32817 Charlotte, N.C. 28232	704-377-7763	Steve Lawson	
Combustion Engineering, Inc. Power Systems Div. 1337 Hundred Oaks Dr., Suite A Charlotte, N.C. 28217	704-527-9400	Dave Donaldson Robert Deneault	
Southern Engineering Co. P. O. Box 34609 Charlotte, N.C. 28234	704-399-8331	Pat Hance Jr.	
Envirotech Corporation Bahnson Company Div. P. O. Box 10458 500 Shepard Street Winston Salem, N.C. 27108	919-760-3111	Richard Sink	
Jones Chemical Co., Inc. P. O. Box 30516 Charlotte, N.C. 28230	704-377-1571	Charlie Sherrill	
Metric Fasteners of Charlotte 3900 Greensboro St. Charlotte, N.C. 28206	704-333-1227	Vicki Green	
Bechtel Power Corporation 15740 Shady Grove Road Gaithersburg, Maryland 20760			
Stone and Webster Mgt. Consultants 90 Broad Street New York, N.Y. 10004			

COMPANY	BUS. PHONE	CONTACT	HOME PHONE
Ebasco Services, Inc. P. O. Box 12152 Church Street Station New York, N.Y. 10249			
Daniel Construction Company Daniel Building Greenville, S.C. 29602			

I.0 TRANSPORTATION DIRECTOR

I.1 PURPOSE

This position provides necessary equipment and personnel for movement of material and people to, from, and through the crisis area for the duration of the recovery effort.

I.2 MAJOR FUNCTIONS

I.2.a Furnishes vehicles and operators for personnel and equipment movement.

I.2.b Provides common carrier and specialized carrier service for specific material and personnel needs.

I.2.c Coordinates, traces, and expedites material deliveries and shipments in and out of recovery site.

I.2.d Provides fuel for on site recovery vehicles.

I.2.e Transports environmental samples for analysis upon request by the Radiological Assessment Group Off-site Monitoring Coordinator.

I.3 MEMBERS OF GROUP

I.3.a PRIMARY (DIRECTOR)

Dewey Smith (For McGuire & Catawba)
Gene Justice (For Oconee)

I.3.b ALTERNATES (McGuire/Catawba)

Craven Sloop
Donnie Petway

ALTERNATES (Oconee)

Bobby Nivens

I.4 ADDITIONAL PERSONNEL REQUIRED

Drivers and major equipment operators have been identified in the following sections. Additional personnel will be required to handle functions such as shuttle service, garbage pickup, environmental sample transport, etc. Immediate needs are to be assessed upon arrival at the site.

I.5 FIRST CALL-OUT

On the first call-out, the director or designee will organize and transport the equipment and operating personnel needed initially. Appendices I-1 thru I-6 detail equipment and personnel available for use on first call-out.

The first contingency will begin with establishment of base operations. This will include personnel establishment and transport equipment assessment.

Equipment presently harbored at the General Office, Toddville, Oconee, McGuire and Catawba plant sites, depending on the magnitude and need, is available for use at the outset. An assessment of availability will be made on arrival of the first transportation contingency.

In the movement of trailers and portable buildings from other jobsites by Company vehicles, special highway permitting is required from the states of North Carolina and South Carolina. To assist in obtaining necessary permits, Mr. Ronald Matheson, Power Delivery - Construction, Office (704) 373-8512, Home [redacted], is available on request.

Environmental samples transport requests will be initiated by the Radiological Assessment Group Off-site Monitoring Coordinator. The time and location of sample pick-up will be determined by the Transportation Director and Off-site Monitoring Coordinator. Sample destination will be the Applied Science Center (ASC) or unaffected station, as specified by the Off-site Monitoring Coordinator.

I.6 BACK-UP EQUIPMENT

As the first move is taking place and work has begun, a total equipment assessment will be made to determine present and future needs in personnel and material movement. This will also include establishment of busing and van schedules and routes between plant facilities, General Office and between places of lodging and airport facilities to plant facilities.

Additional transport equipment, as well as operating personnel, in the Duke Power Company system are also available on a phone call notice as need is determined.

I.7 OUTSIDE CARRIERS AND PERSONNEL

As the recovery effort is underway, the need for specialized carriers may become evident. Appendix I-7 indicates a few of these carriers, including bus and rail transportation, along with appropriate contacts.

I.8 AIR FREIGHT

A listing with telephone numbers of the commercial airlines and air cargo carriers servicing area airports is presented in Appendix I-8. In addition to the commercial carriers, Appendix I-9 contains a list of available air equipment for charter from companies headquartered in Charlotte.

I.9 FUEL AVAILABILITY

Fuel availability is a critical issue for the operation of equipment. In addition to on-site availability, and commercial stations, two 8,400 gallon tank trucks can be made available within 24 hours notice through the Purchasing Department. As the recovery effort is underway, a list of stations and distributors where fuel may be obtained will be compiled by transportation personnel and appropriate credit arrangements established through administrative channels.

I.10 AUDIT PROCEDURE

Information contained in the Transportation Section will be periodically checked for accuracy in accordance with Section A.8 of this manual.

APPENDIX I-1

CATAWBA NUCLEAR STATION

PERSONNEL AND EQUIPMENT

OPERATOR (803) 831-3000

FACILITIES & EQUIPMENT	WORK	HOME
Tom Love - Manager	803-831-3514	
Ken Jones - Supervisor	803-831-3578	

SYSTEMS CRAFT SERVICES EQUIPMENT OPERATORS	WORK	HOME	TYPE OPERATOR
Tony Johnston	803-831-1512		CDL
Bill Canupp	803-831-1512		CDL
Roger Carpenter	803-831-1512		CDL
Slydester Sanders	803-831-1512		Class A
Jimmy Cook	803-831-1512		Heavy Equip Operator
Terry Cato	803-831-1512		Heavy Equip Operator

SCS - EQUIPMENT

DESCRIPTION

1/2 Ton Pickup
12-Passenger Vans (2)
8-Passenger Vans (1)
6-Passenger Carryalls (2) 4 x 4 (1)
1-Ton Service Truck
2-Ton Boom Trucks
2-Ton Stake Bodies
15-30 Ton Rough Terrain Crane
25-Ton Hydraulic Truck Crane
35-Ton Hydraulic Truck Crane
Road Tractor
Lowboy Trailer
Van Trailer
Platform Trailer

CATAWBA GARAGE	WORK	HOME
Jenny Lynch - Superintendent	803-832-3590	[redacted]
Tom Askew - Supervisor	803-832-3592	
Walt Hovis - Supervisor Garage Operator	803-832-3591	

GARAGE EQUIPMENT OPERATORS	WORK	HOME	TYPE OPERATOR
Wayne Parrish	803-832-3590	[redacted]	Boom Trucks & CDL
Bill Patterson	803-832-3589		Rough Terrain Cranes & CDL
James West	803-832-3590		CDL

GARAGE EQUIPMENT

DESCRIPTION

1/2 Ton Pickup Truck (2)
3/4 Ton Service Truck (1)
1-Ton Service Truck (2)
Truck mtd, 1,800 Gallon Fuel Tanker (1)

(1) Portable Mobile Radio - to be used in coordinating support for transporting radiological samples.

Fuel Dist. - Amoco Oil - Diesel Fuel - 704-399-6331 (PO#A01747-05)
McCoy Dist. Gasoline - 704-394-0186 (PO#A01691-05)

APPENDIX I-2

MCGUIRE NUCLEAR STATION

PERSONNEL AND EQUIPMENT

C RATOR (704) 875-5100

FACILITIES & EQUIPMENT	WORK	HOME
Joe Cooke - Manager	875-5324	
Bill Lawrence - Coordinator	875-3228	
Darrell Garrison - Coordinator	875-3226	

SYSTEM CRAFT SERVICES EQUIPMENT OPERATORS	WORK	HOME	TYPE OPERATOR
Gaines Bowers - Manager	875-5570		
John Grant - Supervisor	875-3080		CDL & Equipment
J. A. Honneycut	875-3080		CDL & Equipment
L. G. Ludwig	875-3080		CDL & Equipment
LeRoy Warren	875-3079		Class A & Crane Operator

SCS EQUIPMENT

DESCRIPTION

Sedans
1/2 Ton Pickup
3/4 Ton Service
1 Ton Service
Boom Trucks
Dump Trucks
Stake Bodies
5,000 Gallon Trailer Water Tanker
15-28 Ton Rough Terrain Crane
35 Ton Hydraulic Truck Crane
82 Ton Lattice Truck Crane
Road Tractor
Lowboy Trailer
Van Trailer
Platform Trailer

MCGUIRE GARAGE	WORK	HOME
Charlie Williams - Superintendent	875-5613	[redacted]
Steve Martin - Supervisor	875-5609	
Chris Jolly - Supervisor	875-5617	

GARAGE EQUIPMENT OPERATORS	WORK	HOME	TYPE OPERATOR
Ronnie Bridges	875-5614	[redacted]	CDL
Arnold Faulkner	875-5614		CDL
Allen Jones	875-5614		CDL

GARAGE EQUIPMENT

DESCRIPTION

1/2 Ton Pickup
3/4 Ton Pickup
1 Ton Service
1,800 Gallon Truck Mounted Fuel Tanker
(1) Portable Mobile radio - To be used in coordinating support for transporting radiological samples.

'EL DISTRIBUTORS

Gasoline - Mark Oil Company - 375-4249 (PO#A01771-05)
Diesel - Mooresville Oil Company - 664-4926 (PO#A01822-05)

APPENDIX I-3

OCONEE NUCLEAR STATION

PERSONNEL AND EQUIPMENT

OPERATOR (803) 885-0000

FACILITIES & EQUIPMENT	WORK	HOME
Larry Crouse - Manager	803-885-4003	[redacted]
Duran Denny - Coordinator	803-885-4032	
Jeannette Eaker - Coordinator	803-885-4030	

SYSTEM CRAFT SERVICES EQUIPMENT OPERATORS	WORK	HOME	TYPE OPERATOR
Keaton Clary - Supervisor	803-885-4051	[redacted]	
Mack Conner	803-885-4051		Class B
Richard Walker	803-885-4051		Crane Operator
Leland Kelley - Supervisor	803-885-4138		
Harold Crews	803-885-4138		Crane Operator
Hershel Pelfrey	803-885-4138		Crane Operator

SCS EQUIPMENT

DESCRIPTION
Sedan
1/2 ton pickup
3/4 ton pickup
1 ton service truck
1 ton 6-man crew cab
9 & 12 passenger van (2)
Cargo van (1)
2 ton stake van
Boom Truck
2 ton box van
Road tractors
Lowboy trailer
Van trailer
Platform trailer
18-50 ton rough terrain crane
88 ton Hyd truck crane

OCONEE GARAGE	WORK	HOME
Gene Justice - Superintendent	803-885-4085	[redacted]
Terry Galloway - Supervisor	803-885-4088	

*Beeper #777-1480
777-1481

GARAGE EQUIPMENT OPERATORS	WORK	HOME	TYPE OPERATOR
Lee Hardin	803-885-4088	[redacted]	CDL
Bud Ellenburg	803-885-0296		CDL
Jerry Woodard	803-885-4088		CDL
Mike Towery	803-885-4088		CDL

Garage Equipment

DESCRIPTION

Sedan
1-ton service truck (2) 4 x 4 (1)
500 Gallon truck mtd fuel tanker
Road Tractor

(1) Portable Mobile Radio - To be used in coordinating support for transporting radiological samples.

FUEL DISTRIBUTORS

Gasoline - Conoco Inc. - (803) 583-2311 (PO#A01781-05)
Diesel - Amoco Inc. - (803) 583-8375 (PO#A01736-05)

APPENDIX I-4

TRANSPORTATION SUPPORT

GENERAL OFFICE

PERSONNEL AND EQUIPMENT

GENERAL OFFICE POOL OPERATION	WORK	HOME
Mac Burris - Manager	373-3284	[redacted]
Kay Roberts - Supervisor	373-4285	
Shirly Clark - Coordinator	373-4395	
Rita Simmons - Coordinator	373-4395	

GENERAL OFFICE POOL OPERATORS	WORK	HOME	TYPE OPERATOR
David Rhodes - Superintendent	373-7320	[redacted]	CDL
Gary Brooks - Driver	373-7320		CDL
Charlie Anderson - Driver	373-7320		CDL
*Beeper # 371-2576			

GENERAL OFFICE POOL EQUIPMENT

DESCRIPTION

4-Door Compacts
4-Door Wagon
8-Passenger Van (1)
Cargo Van (1)

APPENDIX I-5

TRANSPORTATION SUPPORT

CHARLOTTE AREA

PERSONNEL AND EQUIPMENT

I. CHARLOTTE GARAGE	WORK	HOME
Clark Hobson - Superintendent	373-4497	[redacted]
Larry Mintz - Supervisor	373-4544	
Raymond Wilson - Supervisor	373-4544	

CHARLOTTE GARAGE OPERATORS	WORK	HOME	TYPE OPERATOR
Jerald Thomas	373-4544	[redacted]	CDL
Mark Untz	373-4544		CDL
Kenny Hatley	373-4544		CDL

CHARLOTTE GARAGE EQUIPMENT

DESCRIPTION

1/2 Ton Pickup Truck (2)
3/4 Ton Service Truck (2)
1 Ton Service Truck (2)
One-man Aerial Device (2) 36'
One-man Aerial Device (1) 50'
Two-man Aerial Device (1) 50'
Medium Duty Derrick (4)
Pole Trailer (1)
Truck mtd 2,000-gallon Fuel Tanker (1)

II. TODDVILLE FACILITY

A. TODDVILLE GARAGE

TODDVILLE GARAGE PERSONNEL	WORK	HOME	TYPE OPERATOR
Jack Martin - Superintendent	382-1191	[redacted]	CDL
Wayne Mintz - Supervisor	373-4332		CDL
Kent Williamson - Supervisor	382-1192		CDL
Pat Thompson - Supervisor	382-1192		CDL

TODDVILLE GARAGE EQUIPMENT

DESCRIPTION
1/2-Ton Pickup
1-Ton Service Truck
5-Passenger Van (3)
1,800 Gallon Truck mtd Fuel Tanker

B. POWER DELIVERY CONSTRUCTION

	WORK	HOME	TYPE OPERATOR
Ty Trull - Manager	373-7773		
Fred Wilkinson	373-7773	[redacted]	Hvy Crane Oper-CDL
Mike Morris	373-7773		Hvy Crane Oper-CDL
Craig Smithy	373-7773		Hvy Crane Oper-CDL

POWER DELIVERY EQUIPMENT

DESCRIPTION
Road Tractors (3) Cranes
Road Tractors (8)
Lowboy Trailer
Platform Trailer
Fuel Trailers (10)
20-Ton Hydraulic Truck Crane
55-Ton Hydraulic Truck Crane
90-Ton Hydraulic Truck Crane

C. POWER DELIVERY - CONSTRUCTION

	WORK	HOME	TYPE OPERATOR
Roger Richards	382-2231	[redacted]	
Tony Horton	382-2231		CDL
James Brooks	382-2231		CDL
Lee Slater	382-2231		CDL

POWER DELIVERY CONSTRUCTION

DESCRIPTION

1/2-Ton Pickup
1-Ton Stake
Road Tractor (4)
Lowboy Trailer
Platform Trailer
VANS Trailer

D. TODDVILLE STORE PERSONNEL

	WORK	HOME	TYPE OPERATOR
Curtis Haggerty	382-0340	[redacted]	
Dean Dellinger	373-4333		CDL
Dennis Hayes	373-4333		CDL
Steve Joy	373-4333		CDL
Pam Barbee	382-2777		

TODDDVILLE STORES EQUIPMENT

DESCRIPTION

1/2-Ton Pickup
6-Passenger Carryall
1-Ton w/16' Box
Dump Truck (Trash)
Road Tractors
Van Trailer
Platform Trailer
Lowboy Trailer

IF ADDITIONAL PERSONNEL OR EQUIPMENT ARE REQUIRED, SEE CATAWBA OR McGUIRE LISTING.

APPENDIX I-6

TRUCK LEASING

CATAWBA AND McGUIRE AREA

COMPANY	TELEPHONE
UPS Truck Leasing, Inc Charlotte	704-333-1544
Ryder Truck Rental & Leasing Charlotte	704-596-9200
Young Ford Truck Renting Charlotte	704-333-7200
Rent-a-Van Charlotte	704-372-7605
Carolina Auto & Van Charlotte	704-527-1900 thru 527-1903

Appendix I-7
1 of 2
OUTSIDE CARRIERS

Specialized Heavy Equipment

Moss Trucking Co., Inc.		(704) 372-3611
Larry Dulin - V.P. of Dispatch	outside N.C.	(800) 438-0330
Charlotte, NC	within N.C.	(800) 432-6450
W. T. Mayfield		(803) 744-9942
Charleston Heights, SC		

Radioactive Shipments

Jack Counts	
Traffic Dept.	
Tri-State Motor Transit Co.	(417) 624-3131
Bill Rucker - Nuclear Disp.	
Joplin, MO	

Furniture Movers

Carolina Moving and Storage, Inc.	(704) 334-0851
Allied Van Lines	
Flay V. Smith, President	(704) 552-0057
Charlotte, NC	
Charlotte Van and Storage Co., Inc.	(704) 525-4660
North American Van Lines	
Don Miller, Sales Mgr.	(803) 285-2840
Lancaster, S.C.	
Russell Transfer Company	(704) 332-6301
Earl W. White, V.P.	(704) 537-2208
Charlotte, NC	

OUTSIDE CARRIERS

Bus Transportation

Spartanburg Transit (Duke Power Company)	(803) 583-5789
Barbara Orr - District Mgr.	(803) 583-5789
Larry Davis - Transit Supt.	(803) 583-5789
Greyhound/Trailways Bus (passenger)	(527-9393)
(cargo)	(372-3555)

Railroad

Southern Railway System - Seneca, SC	(803) 255-4335
L. E. Wetsel, Jr. - Supt.	
Greenville, SC	
Seaboard/Chessie System Railroads - Cowans Ford, NC	
B. J. Morrow	(704) 391-1055
Charlotte, NC	
Terminal Train Master	(704) 392-6116
	(24 hours day)

Appendix I-8
1 of 2
Commercial Airlines
Telephone Listing

CHARLOTTE-DOUGLAS INTERNATIONAL AIRPORT

Company	Air Freight Telephone No.
Delta Airlines, Inc.	(704) 398-3730
US Air	(704) 376-0235
United Airlines, Inc.	(800) 336-0462

ATLANTA AIRPORT

Company	Air Freight Telephone No.
Delta Airlines, Inc.	(404) 530-7000
Republic Airlines	(404) 530-3850
US Air	(800) 482-4322

GREENSBORO, HIGH POINT, WINSTON-SALEM AIRPORT

Company	Air Freight Telephone No.
Delta Airlines, Inc.	(919) 294-2122
US Air	(800) 482-4322
United Airlines, Inc.	(800) 336-0462

Appendix I-8
2 of 2
Air Cargo Carriers
Telephone Listing
24 Hour Numbers

AIRPORTS

	Greenville-Spartanburg	Charlotte-Douglas International	Atlanta Airport	Greensboro High Point Winston-Salem
Airborne Express	(803) 297-8899	(704) 357-6006	(404) 761-7199	(919) 668-0046
Burlington Northern Air Freight	(803) 879-8500	(704) 359-8428	(404) 768-1818	(919) 294-3359
*Federal Express	Above numbers until 9:30 p.m.	(704) 375-6225 After 9:30 p.m.	(800) 238-5355	
Flying Tigers		(704) 359-8462 Open 24 hours 7 a.m. Monday through 7 a.m. Saturday	(404) 530-2411	(919) 668-3785

*Other areas can be reached thru the Charlotte number or the 800 number.

Appendix I-9
1 of 2
Aircraft Charter
Telephone Listing and Equipment

Company: Thurston Aviation, Inc.
Charlotte, NC
(704) 359-8670 (24 hour number)
Flight Dispatcher: Jim Doncaster
Dir. of Flight Operations: Frank Thompson
Work - (704) 359-0717

Company: Uplands Aviation
Oconee County
(803) 882-2959

Equipment: Turbo-Prop
Cessna Conquest, 7 passengers
Piper Cheyenne, 6 passengers
Cessna Corsair, 5 passengers

Appendix I-9
2 of 2
Helicopter Equipment Charter
Telephone Listing
24 Hour Numbers

Company	Telephone
Imperial International Mr. Bob Rishoff	(800) 367-8254
U S Helicopter Cres Horne Marshville, N.C.	(704) 342-2070
Palmetto Helicopter Greenville, S.C.	(803) 277-6100

J.0 INSURANCE DIRECTOR

J.1 PURPOSE

This position, a part of the Administration and Logistics Group, will be the liaison between Duke and the insurance companies. It will interface with other Crisis Management groups in providing assistance needed by the insurance companies.

J.2 MAJOR FUNCTIONS

J.2.a Provides contact with insurance companies

J.2.b Assists insurance companies in data gathering

J.2.c Assists insurance companies in establishing claims offices to disburse emergency assistance funds to evacuees.

J.3 MEMBERS OF GROUP

Following is a list of people assigned primary or alternate responsibilities under the plan. Alternates are required to be as knowledgeable as the primary.

J.3.a PRIMARY (DIRECTOR)

Doug House

J.3.b ALTERNATES

Laura Lawson

J.4 IMMEDIATE CONTACT WITH INSURANCE COMPANIES

Upon receiving the initial call from the Crisis Management Center, the insurance group will make immediate contact with the insurance companies to report the existence of a crisis. Follow-up notices will be provided to the insurance companies each 24 hours or immediately if there is a change in the status of the crisis. Insurance companies are listed in Appendix J-1.

J.5 INTERFACING WITH OTHER GROUPS

This group will interface with the appropriate technical support groups to obtain the necessary technical information sufficient to satisfy the needs of the insurance companies. If the insurance companies should dispatch an investigative team, this group would work with the Administrative Group to provide assistance in securing motel reservations.

J.6 CLAIMS OFFICE

In the event it became necessary to evacuate members of the general public, the insurance company would set up claims offices to disburse emergency assistance funds. The Insurance Group would provide as much assistance as possible in expediting the setting up of this claims office. The Insurance Group would also communicate with the News Group about its location and operation. Claims would be handled by insurance company personnel.

J.7 AUDIT PROCEDURES

The entire Insurance section will be periodically checked for accuracy in accordance with Section A.8 "Audit Procedures".

Appendix J-1

INSURANCE COMPANIES

American Nuclear Insurers,
The Exchange, Suite 245
270 Farmington Avenue
203/677-7305

Nuclear Mutual Limited
1201 Market Street Suite 1200
Wilmington, DE 19801
302/888-3000
302/654-8477 (Night)
FAX 302/888-3008

Nuclear Electric Insurance Limited
1201 Market Street, Suite 1200
Wilmington, DE 19801
302/888-3000
302/654-8477 (Night)
FAX 302/888-3008

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-5

EMERGENCY COMMUNICATIONS GROUP

Rev. 45

May 1, 1992

Approved by

4-9-92
Date

EMERGENCY COMMUNICATIONS GROUP

1.0 SYMPTOMS

1.1 An emergency has occurred that warrants staffing the CMC.

1.2 CMC pagers will be activated with one of the following messages:

"Blue Delta"	(Oconee Drill)
"Blue Echo"	(Oconee Emergency)
"McGuire Delta"	(McGuire Drill)
"McGuire Echo"	(McGuire Emergency)
"Catawba Delta"	(Catawba Drill)
"Catawba Echo"	(Catawba Emergency)

1.3 Personnel without pagers will receive a phone call per Enclosure 4.1.

2.0 IMMEDIATE ACTIONS

2.1 Personnel who are paged (on-call) will report to the CMC as soon as possible.

2.2 Any personnel who receive a phone call will make additional phone calls as shown in Enclosure 4.2 using the message format in Enclosure 4.1. Phone numbers are listed in Enclosure 4.3.

2.3 After completing any necessary phone calls, travel to the CMC. Enclosures 4.4 and 4.5 contain directions to the Oconee CMC.

2.4 Any person who has consumed alcohol within the past 5 hours shall notify the Recovery Manager. The Recovery Manager or his designee will determine whether the person is fit to perform emergency duties. (This is not required if this determination was already made via telephone.)

2.5 The Emergency Communications Manager shall notify the Recovery Manager when at least one State/County Communicator and one Emergency Communication Manager are staffed and capable of performing their duties. This must be completed within 75 minutes after an emergency is declared that requires CMC activation.

3.0 SUBSEQUENT ACTIONS

3.1 Each group member will perform his/her duties as described in the applicable enclosures. (Enclosures 4.6 through 4.13)

4.0 ENCLOSURES

4.1 CMC Emergency Activation Message
4.2 Notification Call Tree
4.3 Phone Numbers
4.4 Oconee CMC General Location

4.0 ENCLOSURES (cont.)

4.5 Oconee CMC General Layout
4.6 Emergency Communications Manager - Position Description
4.7 State/County Communicator - Position Description
4.8 Data Coordinators - Position Description
4.9 Data Coordinators Assistant - Position Description
4.10 Status Board Coordinators - Position Description
4.11 Company Officer Communicator - Position Description
4.12 Senior Company Officer - Position Description
4.13 Industry Communicator - Position Description
4.14 Nuclear Network Message
4.15 CMC Organization
4.16 Emergency Communications Group Organization

CMC EMERGENCY ACTIVATION MESSAGE

If the CMC is to be activated, the Duty Engineer uses this form to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members according to the group's Crisis Management Implementing Procedure.

Message

1. This is a drill/actual emergency at _____ Nuclear Station.

2. Have you consumed alcohol within the past 5 hours? (If "no", skip to item 3. If "yes" ask the following questions, and use judgement to determine whether the person is fit for duty.)

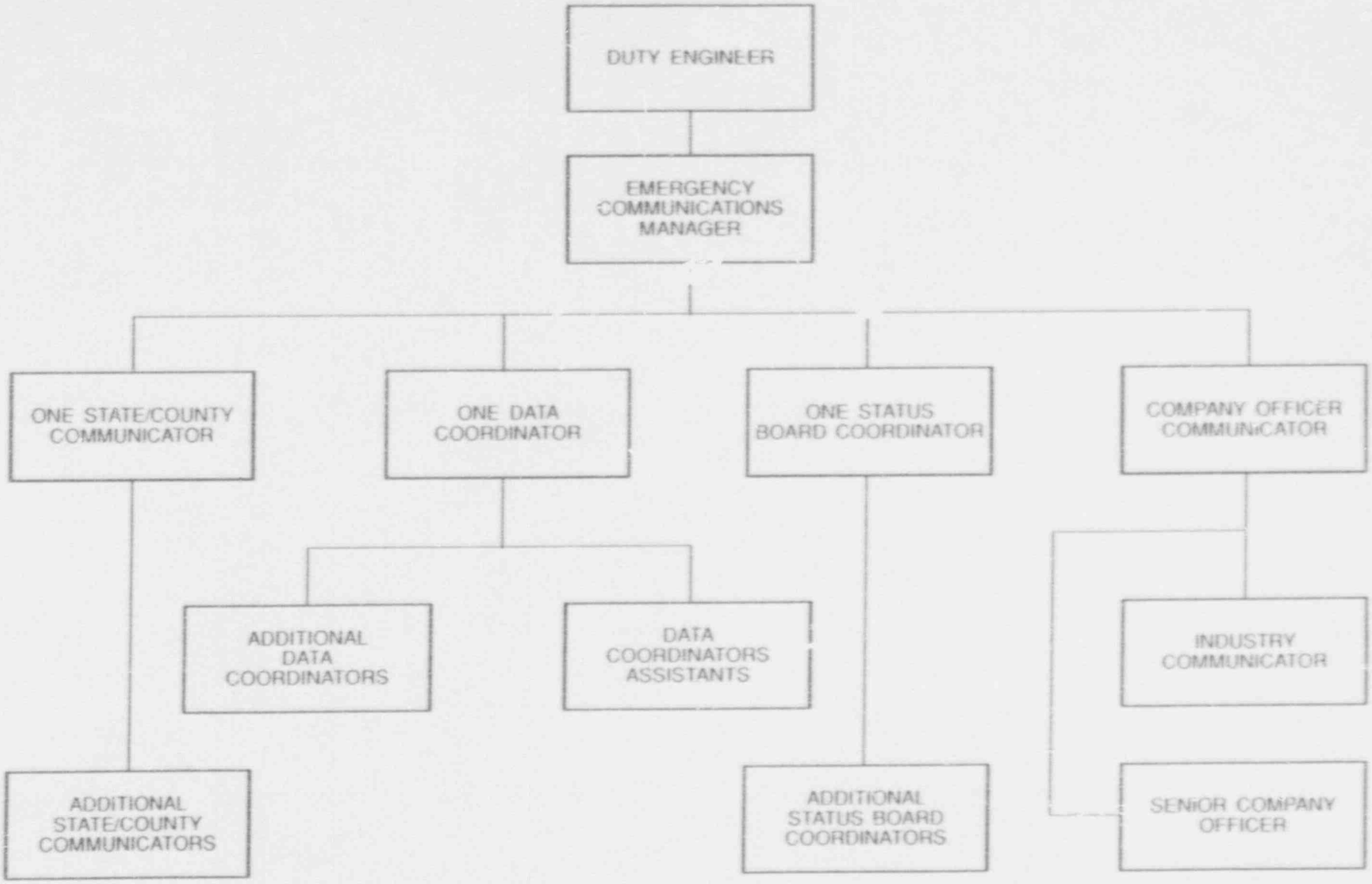
   (a) What did you consume?
   (b) How much did you consume?
   (c) Can you perform your duties unimpaired?
   (d) Can you drive safely?

3. You should use the procedure for your CMC group to notify your portion of the Crisis Management Center organization and report to:

   _____ the Catawba/McGuire CMC (Power Building)

   _____ the Oconee CMC

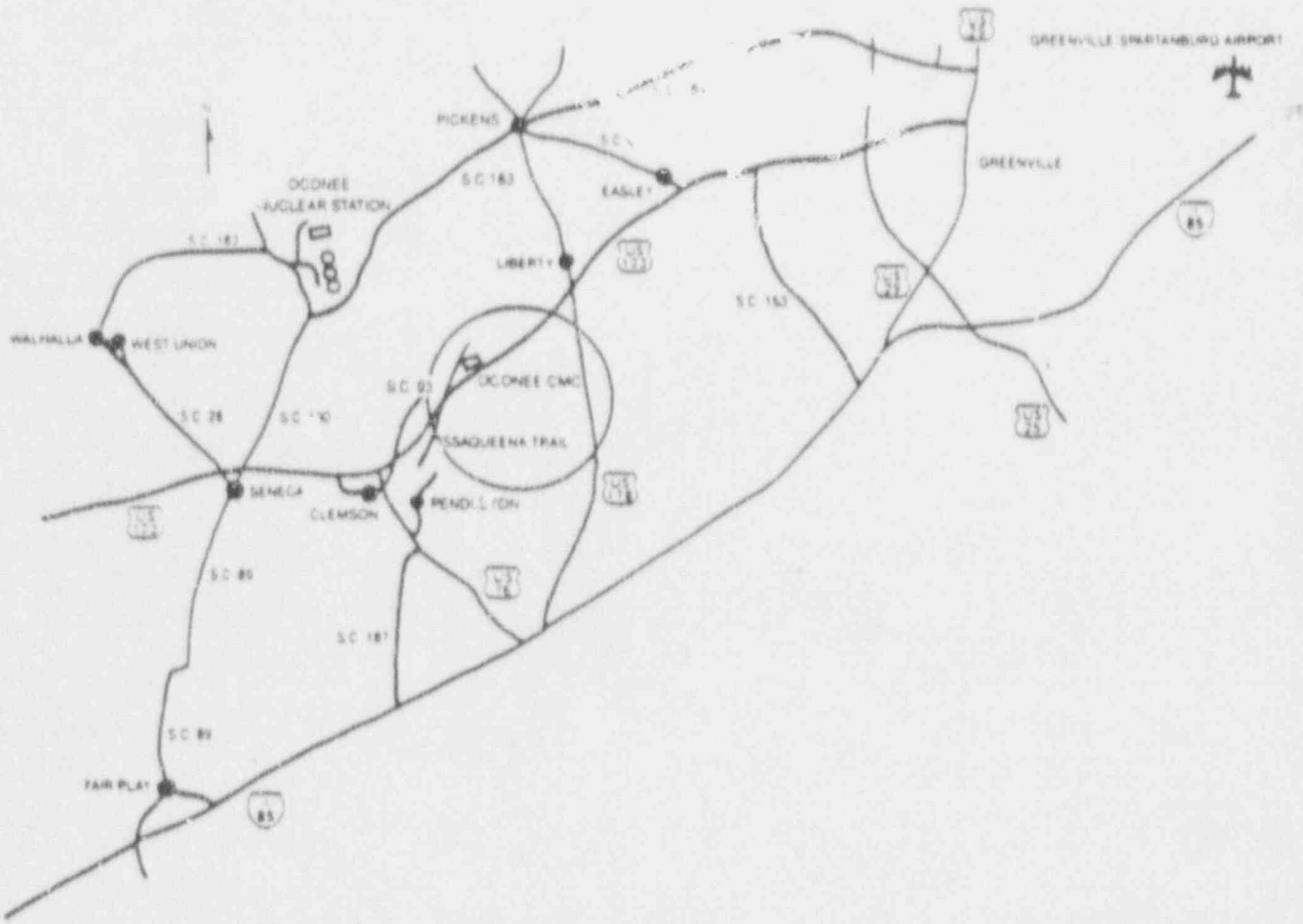
NOTIFICATION CALL TREE



Emergency Communications Group Personnel
Phone Numbers

		Home	Office
Manager	P. R. Herran (Primary)		704/875-4805
	D. C. Kesler		704/373-7433
	R. L. White		704/373-4375
	S. F. Lindsey		704/373-8768
	G. T. Smith		704/373-5125
	L. F. Firebaugh		704/373-5228
	R. L. Weber		704/373-4130
	R. F. Cole		704/373-8469
	E. O. McCraw		704/373-8365
State/County Communicator (Use 4 persons if available)	M. E. Hollis (Primary)		704/373-4258
	S. O. Addison		704/875-4731
	L. J. Rudy		803/831-3084
	J. C. Petty		704/373-7404
	R. D. Groux		803/885-3608
	T. A. Sanders		704/373-2403
	E. M. Kuhr		704/382-2426
	M. C. Griggs		704/373-7080
	R. H. Anderson		704/373-3817
	M. L. Cornwell		803/831-3097
	L. D. Evans		704/373-2647
Company Officer Communicator	Scott Moser (Primary)		704/373-5762
	David Pschirer		704/373-5597
	Neal Simmons		704/373-8559
Industry Communicator	P. T. Vu		704/373-6106
	H. A. Froebe		704/373-7720
	Nancy Gomez		704/373-5427
Data Coordinator (Use 2 or more persons if available)	J. L. Mills (Primary)		803/831-5859
	R. Hodge		704/373-8181
	J. C. Slough		704/373-5785
	C. W. Whitten		704/382-1808
	J. C. Robinson		704/382-1029
Data Coordinator Assistant	R. R. Stallings		704/373-5768
	K. L. Crane		704/875-4306
Status Board Coordinators (Use 2 persons if available)	R. W. Rasmussen (Primary)		704/373-4080
	S. G. Godwin		704/373-2362
	D. R. Koontz		704/373-5016
	P. F. Bailey		704/382-1998
Senior Company Officer	R. B. Priory		704/373-5959
	W. A. Coley		704/373-4515
	W. H. Grigg		704/373-4573
			or 704/373-7535

OCONEE CMC
GENERAL LOCATION

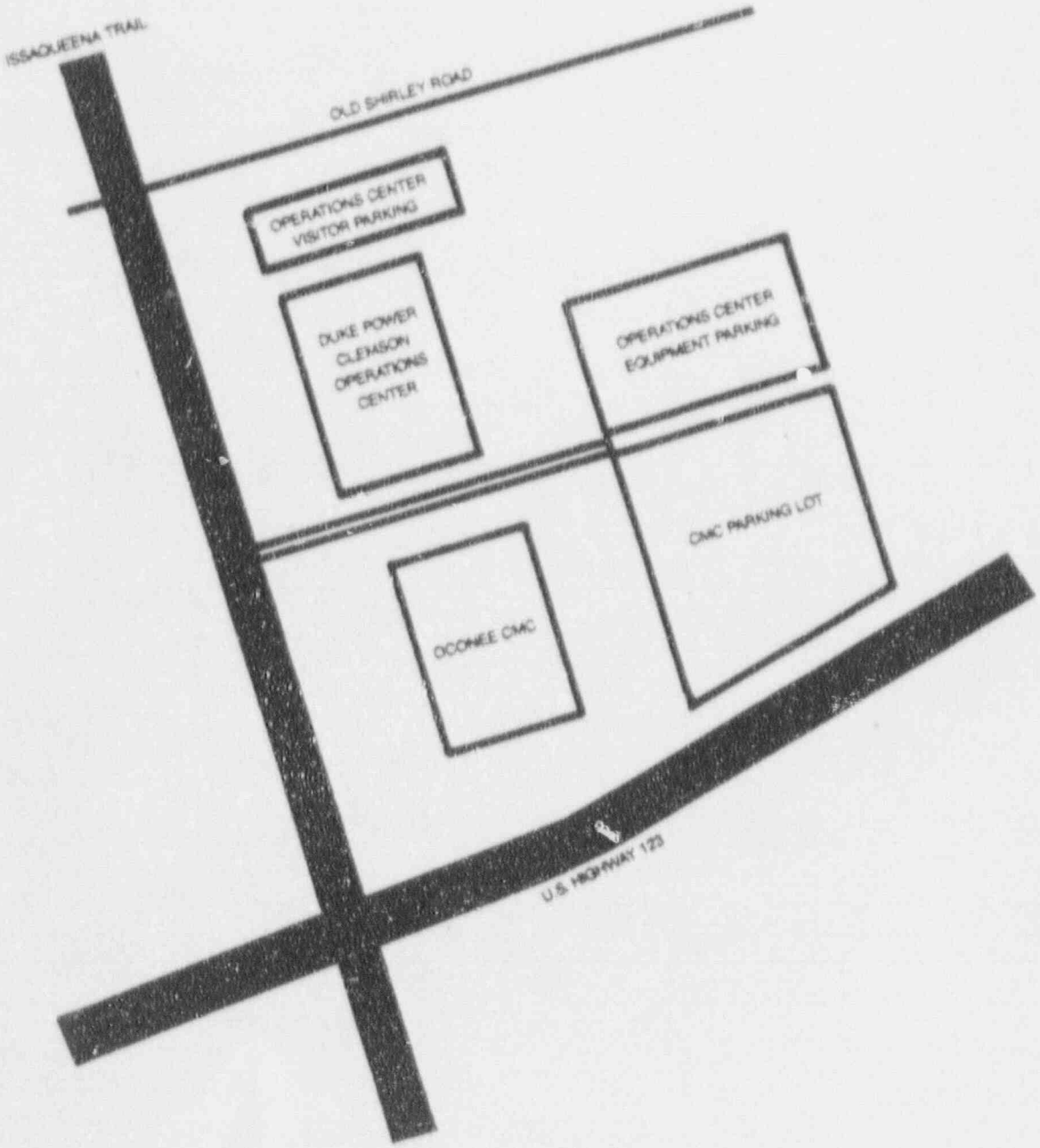


From Charlotte:

Take I-85 South to exit 40 (S.C. 153). Go right (toward Easley) about 8 miles to U.S. 123. Go through Easley and continue to the Issaqueena Trail exit. Then go right about 1/4 mile to the CMC.

NOTE: NOT TO SCALE

OCONEE CMC GENERAL LAYOUT



EMERGENCY COMMUNICATIONS MANAGER - POSITION DESCRIPTION

Reports to: Recovery Manager

Supervises: State/County Communicators, Data Coordinators, Status Board Coordinators, Company Officer Communicator.

Primary Responsibilities:

1. Ensure that communication of information to states and counties is timely, accurate, and complete.

2. Ensure that plant data needed for emergency operations is received at the CMC and distributed to CMC personnel in a timely manner.

3. Coordinate closely with the News Group to ensure that emergency information released outside the CMC will be accurate, timely and consistent. Provide a copy of each Emergency Notification form to the News Coordinator immediately after the message has been communicated to states and counties.

4. Ensure that important emergency information is displayed where needed within the CMC.

5. Ensure that the Senior Company Officer and important industry organizations are kept informed of the emergency situation.

6. Decide whether to request a liaison from INPO to assist with the flow of information. Refer to the INPO Emergency Resources Manual, if needed, to obtain emergency assistance from other nuclear licensees. (This manual is in the Managers Area.)

Principal Working Relationships:

1. Emergency Communications Group personnel for supervising their activities.

2. News Coordinator to coordinate information to be released outside the CMC.

3. Other CMC personnel regarding questions asked by states and counties.

STATE/COUNTY COMMUNICATORS - POSITION DESCRIPTION

Note: The duties of this position can be performed most effectively by four persons, if available.

Reports to: Emergency Communications Manager

Primary Responsibilities:

1. Transmit all messages to states and counties according to the requirements of Crisis Management Implementing Procedure, CMIP-13.

2. Notify states and counties within 15 minutes of any change in the emergency class. Notify them as soon as possible of any change in protective action recommendations.

3. Periodically update states and counties regarding the emergency situation.

4. Provide a copy of each Emergency Notification form to the Company Officer Communicator.

5. Maintain a log of any questions from the States and counties. Record the question, the answer, and the time the answer was transmitted.

Principal Working Relationships:

1. Recovery Manager regarding changes in the emergency class or protective action recommendations and for approval of messages.

2. Radiological Assessment Manager for obtaining information related to radiological conditions.

3. Plant Assessment Manager for obtaining information regarding plant status.

4. State and county personnel for providing information.

DATA COORDINATORS - POSITION DESCRIPTION

Note: The duties of this position can be performed most effectively by two or more persons, if available.

Reports To: Emergency Communications Manager

Supervises: Data Coordinators Assistants

Primary Responsibilities:

1. Obtain plant data needed by Crisis Management Center personnel in the performance of their duties. The Crisis Management Data Transmittal System should be used as the primary means of obtaining data. Telecopiers and voice transmission by telephone are backup means. See CMIP-16.

2. Distribute data routinely and by special request to other CMC personnel. Data should be obtained and distributed as quickly as possible.

Principal Working Relationships:

1. Performance Group in the Technical Support Center regarding data not automatically available on the Crisis Management Data Transmittal System.

DATA COORDINATORS ASSISTANTS - POSITION DESCRIPTION

Reports To: Data Coordinator

Primary Responsibilities:

1. Copy data received through the Crisis Management Data Transmittal System.

2. Distribute data routinely and by special request to other CMC personnel.

Principal Working Relationships:

1. Data Coordinators for receiving data to be copied.

2. Other CMC personnel for distribution of data.

Distribution of Plant Data

Plant data should be routinely distributed as follows:

Systems Analysis Coordinator, Plant Assessment Group	8 copies
Off-site Dose Assessment Director	3 copies
NC Dose Assessment	1 copy
[illegible] Dose Assessment	1 copy
[illegible]eld Monitoring Coordinator	1 copy
Technical Services Director	3 copies
NRC Room	3 copies

Managers Area:

Recovery Manager	1 copy
Status Board Coordinator	1 copy
Plant Assessment Manager	1 copy
Radiological Assessment Manager	1 copy
NRC Director of Site Operations (if activated)	1 copy
Other NRC Personnel (if activated)	3 copies
News Monitor	1 copy
Public Spokesperson	1 copy
Emergency Communications Manager	1 copy
State/County Communicator	1 copy

STATUS BOARD COORDINATORS - POSITION DESCRIPTION

Note: The duties of this position can be performed most effectively by two or more persons, if available.

Reports To: Emergency Communications Manager

Primary Responsibilities:

1. Maintain status boards to display current information about the emergency situation. This may include plant data, radiological data, meteorological data, current emergency class, recommended protective actions, trends of critical parameters, maps, etc. The information to be displayed should be pre-planned and pre-formatted; however, this can be revised during an emergency upon request by CMC personnel.

Principal Working Relationships:

1. Other CMC personnel to obtain data to be displayed.

COMPANY OFFICER COMMUNICATOR - POSITION DESCRIPTION

Reports To: Emergency Communications Manager

Supervises: Industry Communicator

Primary Responsibilities:

1. Keep the Senior Company Officer informed of the emergency situation using the Emergency Notification Form as the primary information source.

2. Make copies of the Emergency Notification form and distribute to the following (Distribution may vary as determined appropriate):

   Emergency Communications Manager
   News Coordinator
   Public Spokesperson
   Emergency Planner
   N.C. Representative
   S.C. Representative
   NRC Representative at Managers Table
   Status Board Coordinator
   Wall-mounted File Folder in Managers Area

3. Develop messages for transmittal on Nuclear Network by the Industry Communicator. (In a real emergency, change wording on form to read, "This is NOT a drill.") The messages are intended to inform other utilities about the emergency. These messages should be approved by the Emergency Communications Manager and reviewed by the News Coordinator. (This effort should not take priority over the effort to keep the Senior Company Officer informed.)

4. Assist other Emergency Communications Group personnel if time permits.

Principal Working Relationships:

1. Senior Company Officer regarding information about the emergency situation. (If no Senior Company Officer is available, the Recovery Manager will decide who will fill this position.)

2. Industry Communicator, News Coordinator, and Emergency Communications Manager regarding messages to be transmitted on Nuclear Network.

SENIOR COMPANY OFFICER
POSITION DESCRIPTION

Reports to: Duke Power Company President, Board of Directors

Supervises: N/A

Basic Function: This position serves as the senior management contact with the Crisis Management Center and as the focal point for questions from the Governors of North and South Carolina, other senior level management, and the Board of Directors.

Primary Responsibilities:

1. This position will make an initial "courtesy call" to the Governor(s) making himself/herself available for follow-up calls on an as-needed, informal basis.

   The Governor will be kept up-to-date on the specifics of the situation by his/her staff.

   North Carolina Governor's office: (Catawba and McGuire only)

Nancy Pekarek	919/733-5612(W) preferred
	[redacted](H)
Governor's Mansion	919/733-3871

   South Carolina Governor's office: (Catawba and Oconee only)

Lt. Ronald Sims	803/734-0428(W) preferred
	803/737-9000(W)
	[redacted](H)

2. This position will serve as the focal point for questions from other senior level management.

3. This position will serve as the focal point for questions from the Board of Directors.

4. This position receives information on the status of the plant from the Company Officer Communicator of the Emergency Communications Group.

Company Offic - Communicator Can be Reached At:

704/382-0719 McGuire/Catawba CMC; 704/382-8210 Oconee CMC

5. This position will receive initial notification from the Company Officer Communicator of the CMC Emergency Communications Group.

INDUSTRY COMMUNICATOR - POSITION DESCRIPTION

Reports To: Company Officer Communicator

Primary Responsibilities:

1. Notify INPO regarding the emergency situation. If necessary, INPO can send a liaison to assist with the information flow. The Emergency Communications Manager will decide whether to request that INPO send a liaison.

2. Transmit messages periodically on Nuclear Network using Enclosure 4.14 to inform the nuclear power industry regarding the emergency situation. (In a real emergency, change wording on form to read, "This is NOT a drill.") These messages should be developed by the Company Officer Communicator, reviewed by the News Coordinator, and approved by the Emergency Communications Manager. Messages on NUCLEAR NETWORK should not discuss public protective actions because decisions regarding public protective actions are the responsibility of state or county governments.

3. Assist other Emergency Communications Group Personnel if time permits.

   Note: Procedure OEMA/IM-4, implementing procedure for Nuclear Network, is available in the CMC as a reference.

Principal Working Relationships:

1. INPO representatives regarding the emergency situation.

2. Other CMC personnel for gathering information.

NUCLEAR NETWORK MESSAGE

Approved for Release: _____
(Emergency Communications Manager)

Nuclear Network Release #: _____ Date/Time: _____

Originator: _____

- -

SUBJECT: Duke Power Company Emergency Drill

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

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

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

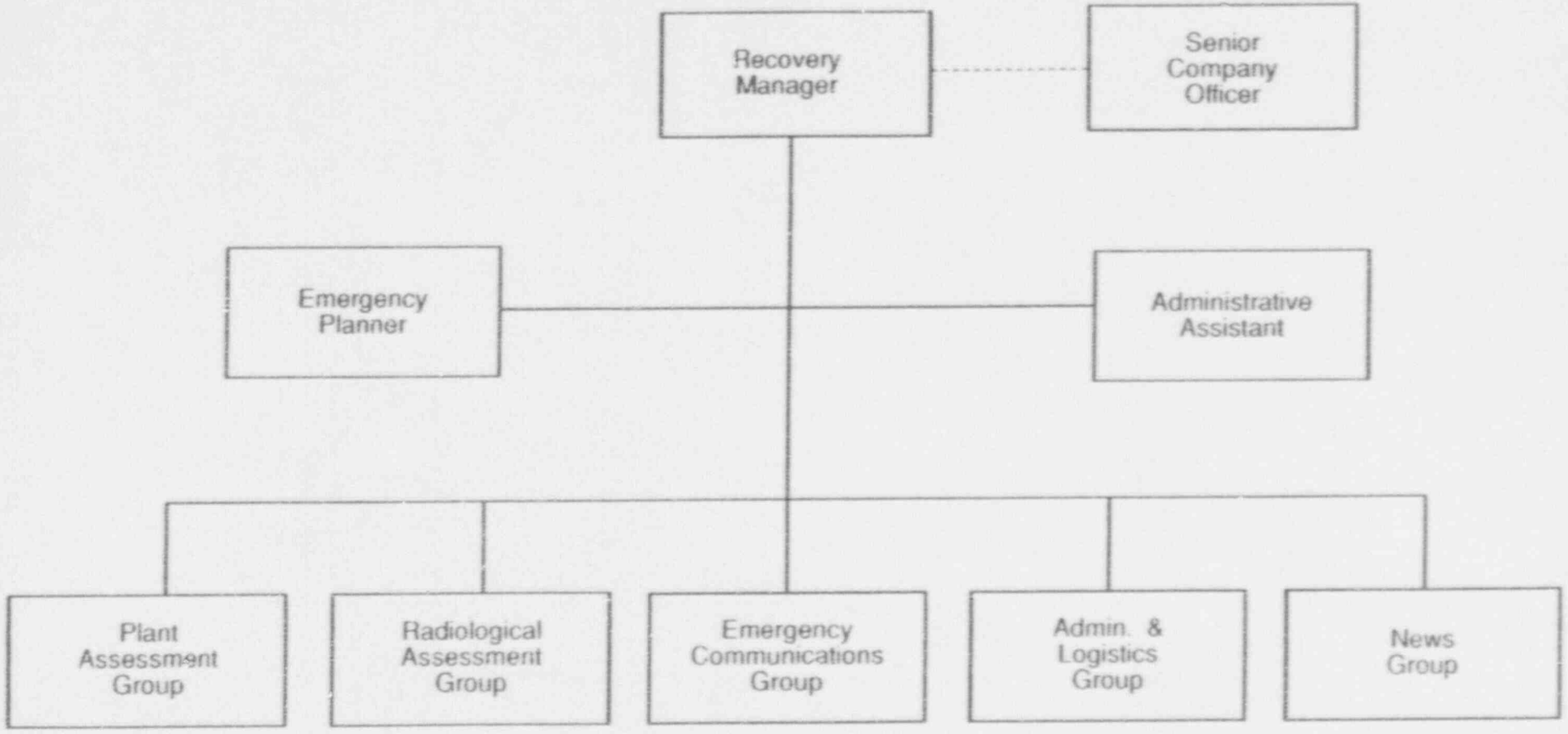
For Information Contact: Industry Communicator at _____
(Phone No.)

- -

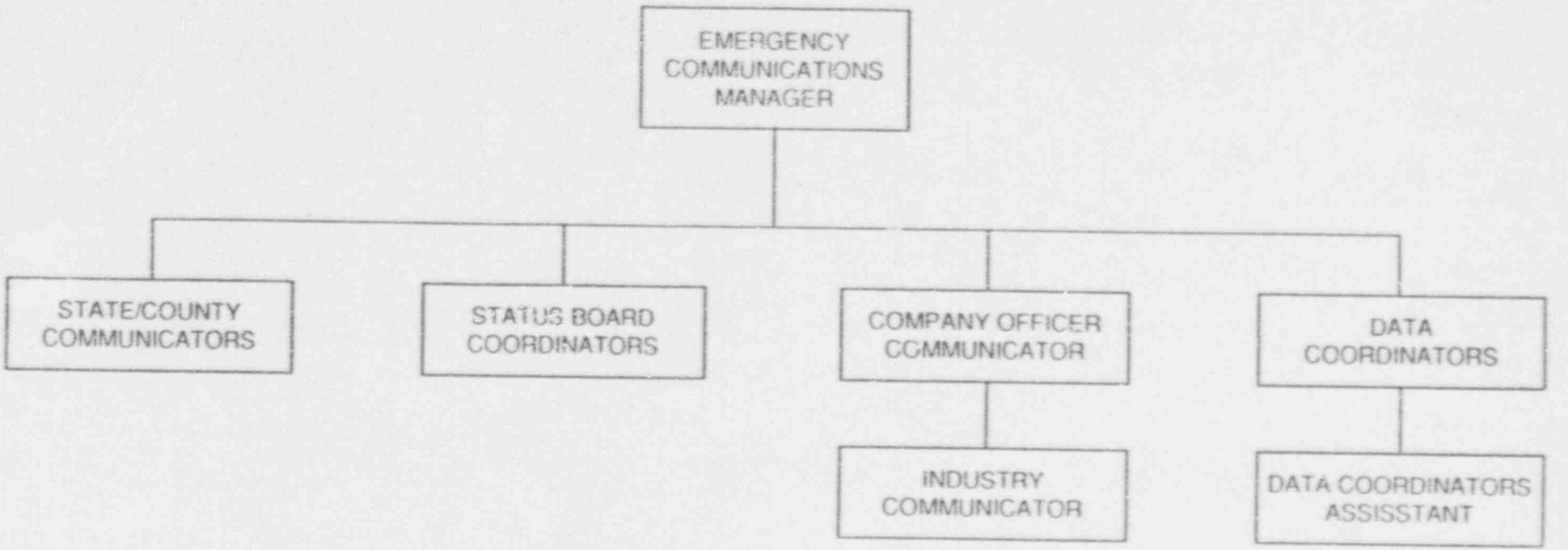
Entered on Nuclear Network: _____
(Date/Time)

Return to: Originator

CRISIS MANAGEMENT CENTER ORGANIZATION



EMERGENCY COMMUNICATIONS GROUP ORGANIZATION



CMIP-5
Enclosure 4.16

Rev. 37
November 1, 1990

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-6

PLANT ASSESSMENT GROUP

REVISION 49

May 1, 1992

Approved By

4-9-92
Date

PLANT ASSESSMENT GROUP IMPLEMENTING PLAN

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11. Westinghouse Emergency Response Team

1. SCOPE

After full activation of the Cri. Management Center (CMC), the Plant Assessment Group is responsible t.

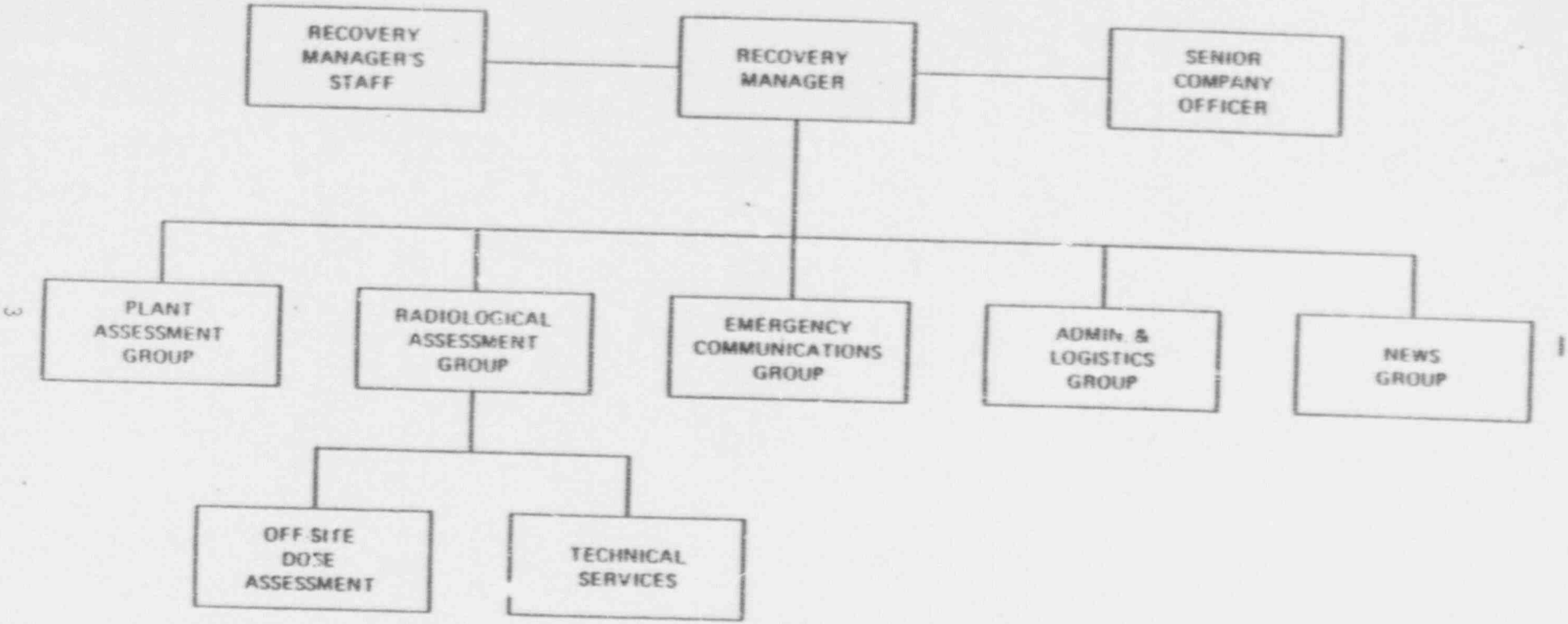
A. Advising the Recovery Manager regarding emergency classification and the need for public protective actions.

B. Assisting the Technical Support Center with accident assessment and accident mitigation regarding in-plant systems and equipment.

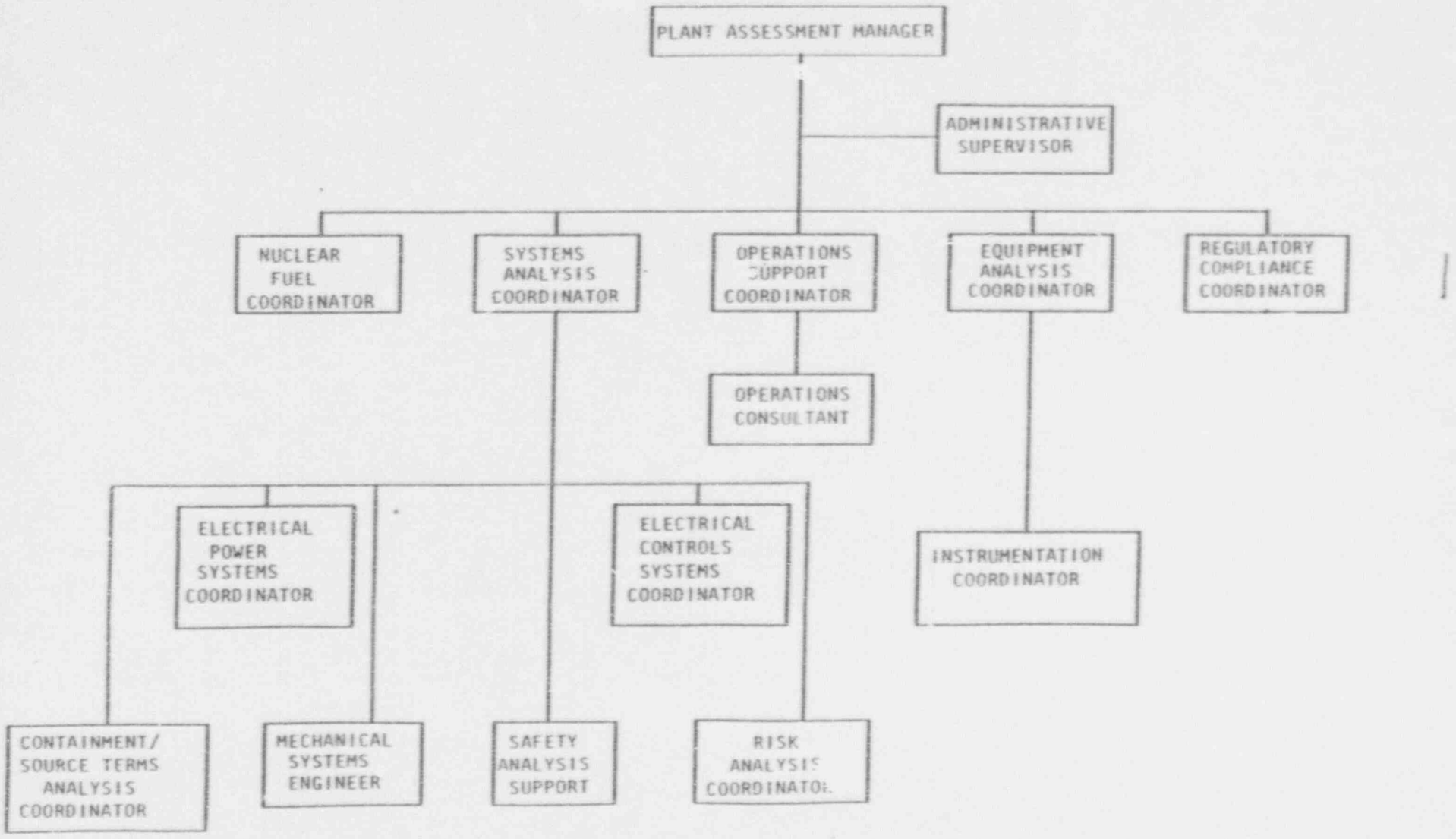
C. Managing the CMC interface with NRC, and

D. Serving as the primary technical interface with major equipment vendors.

II. A. CRISIS MANAGEMENT CENTER ORGANIZATION



11.8. PLANT ASSESSMENT GROUP ORGANIZATION



II. C. Plant Assessment Group Personnel

Figure 2 is a list identifying all group personnel and their positions within the group organization.

III. POSITION DESCRIPTIONS

A. PLANT ASSESSMENT MANAGER

Reports To: Recovery Manager

Supervises: Plant Assessment Staff functions of System Analysis, Core Physics Support, Licensing Support, Operations Support, Mechnical maintenance, and instrument and electrical maintenance, and Nuclear Fuel.

Primary Responsibilities:

1. Provide recommendations to the Recovery Manager for offsite protective actions based on conditions in the core and containment.

2. Advise the Recovery Manager regarding emergency classification.

3. Assist the Technical Support Center with accident assessment as it relates to the status of the core, containment and safety systems.

4. Assist the Technical Support Center in the development of accident mitigation strategies.

5. Develop out-of-normal operation and emergency procedures in direct support of TSC personnel.

6. Resolve questions concerning licensing requirements with NRC representatives.

Principal Working Relationships:

1. Recovery Manager regarding implementation of emergency plans and procedures.

2. Radiological Assessment Manager regarding public protective action recommendations.

B. ADMINISTRATIVE SUPERVISOR

Reports To: Plant Assessment Manager

Supervises: Administrative personnel in the Plant Assessment Group

Primary Responsibilities:

1. Provides typing, filing, office equipment operation to all areas within the group.

2. Coordinates Plant Assessment Group needs for skilled support personnel to staff the various Group functions.

3. Coordinates the Plant Assessment Group needs for additional work space, communications, equipment, office supplies, office equipment, etc.

Principal Working Relationships:

1. Plant Assessment personnel regarding administrative support needs and staffing needs.

2. Admin/Log. Manager regarding filling of the Plant Assessment Group administrative needs and staffing needs.

C. SYSTEMS ANALYSIS COORDINATOR

Reports To: Plant Assessment Manager

Supervises: Mechanical Systems Engineer, Containment/Source Term Analysis Coordinator, Risk Analysis Coordinator, Electrical Power Systems Coordinator, Electrical Control Systems Coordinator, and safety analysis support personnel.

Primary Responsibilities:

1. Evaluate the status of the core, containments, reactor coolant system, and other safety systems and advise the Plant Assessment Manager regarding recommended public protective actions. (See Section VII.)

2. Advise the Plant Assessment Manager regarding emergency classifications based upon station emergency response procedures. (See Section VI.)

3. Provide information as needed to the State/County Communicators.

4. Provide technical input to the Dose Assessment Coordinator regarding assumptions for off-site dose calculations (e.g., extent of core damage and time until containment failure).

5. Analyze problems associated with the operations of plant systems and develop out-of-normal or emergency plans for how the station personnel can best contend with the emergency.

6. Assures a log of important decisions and events for the Plant Assessment Group is kept.

Principal Working Relationships:

1. Operations Support Coordinator regarding plant status and mitigating actions being taken or considered.

2. Plant Assessment Manager regarding recommendations on how to contend with systems and equipment problems, recommendations for public protective actions, and emergency classifications.

3. Other Plant Assessment personnel to gather information and recommendations for the systems analysis.

4. State/County Communicators regarding information to be transmitted to States and Counties.

D. MECHANICAL SYSTEMS ENGINEER

Reports To: Systems Analysis Coordinator

Primary Responsibilities:

Provide engineering input regarding the design bases and capabilities of the mechanical systems to assist with accident assessment and determination of accident mitigation strategies.

Principal Working Relationships:

Systems Analysis Coordinator for providing engineering input regarding mechanical systems.

E. RISK ANALYSIS COORDINATOR

Reports To: Systems Analysis Coordinator

Primary Responsibilities:

Provide input to the Systems Analysis Coordinator regarding probabilistic risk assessments. Identify the most probable systems or equipment failures and their consequences.

Principal Working Relationship:

Systems Analysis Coordinator for providing technical input.

F. NUCLEAR FUEL COORDINATOR

Reports To: Plant Assessment Manager

Primary Responsibilities:

1. Analyze core parameters to determine current conditions of the core.

2. Review proposed plant operations with respect to the effect on core conditions.

3. Develop recommendations for plant operations that would affect safer core conditions.

4. Analyze failed fuel.

Principal Working Relationships:

1. Systems Analysis Coordinator regarding proposed plant operations to affect safer core conditions.

2. Performance Engineer or designee in the Technical Support Center regarding core conditions.

G. SAFETY ANALYSIS SUPPORT

Reports To: System Analysis Coordinator

Primary Responsibilities:

1. Provide technical support as directed by the System Analysis Coordinator.

2. Assist with accident assessment and determination of accident mitigation strategies.

Principle Working Relationship:

1. Systems Analysis Coordinator for providing technical support.

H. CONTAINMENT/SOURCE TERM ANALYSIS COORDINATOR

Reports To: System Analysis Coordinator

Primary Responsibilities:

1. Provide input regarding the response of the containment to various degraded core scenarios.

2. Assist in determining best estimate source term for input to dose projection calculations.

3. Assist with accident assessment and determination of accident mitigation strategies.

4. Acts as point contact interface between CMC Plant Assessment and Radiological Assessment Groups.

Principal Working Relationship:

1. Systems Analysis Coordinator for providing technical input.

2. Dose Assessment Coordinator

3. HPN Communicator for providing source term information and plant conditions as they relate to source term.

I. REGULATORY COMPLIANCE COORDINATOR

Reports To: Plant Assessment Manager

Primary Responsibilities:

1. Serve as a contact for NRC emergency response personnel located at the Crisis Management Center.

2. Arrange for a detailed briefing for the NRC site team when they arrive at the CMC.

3. Serve as an advisor to the Plant Assessment Manager and the Recovery Manager on matters of regulatory interest.

Principal Working Relationships:

1. NRC representatives regarding the status of licensee activities.

2. Recovery Manager for status of NRC activities.

J. OPERATIONS SUPPORT COORDINATOR

Reports To: Plant Assessment Manager

Supervises: Operations Consultant

Primary Responsibilities:

1. Acts as the point contact interface between the TSC operations group and the CMC Plant Assessment Group. Maintains close contact with the TSC regarding plant status and mitigating actions being taken or considered.

2. Provides support to plant operations group as needed.

3. Assembles a procedure writing team to develop out-of-normal and emergency procedures in support of plant operations as required by the nature of the emergency.

4. Locates and schedules qualified manpower support for operations based upon needs specified by the plant.

Principal Working Relationships:

1. Operations group contact in the Technical Support Center (TSC) regarding plant status and implementation of accident mitigation plans.

2. Systems Analysis Coordinator of the Plant Assessment Group regarding accident assessment and mitigation strategies being taken or considered.

K. OPERATIONS CONSULTANT

Reports To: Operations Support Coordinator

Primary Responsibilities:

To act as an advisor to the Plant Assessment Group regarding station layout and operating procedures.

Principal Working Relationships:

1. Plant Assessment group personnel as an advisor on information concerning station layout and operating procedures.

L EQUIPMENT ANALYSIS COORDINATOR

Report To: Plant Assessment Manager

Supervises:

Instrumentation

Primary Responsibilities:

1. Support the Systems Analysis Coordinator by providing input regarding possible accident mitigation strategies involving repair and restoration to service of plant equipment.

2. Advise the Technical Support Center (TSC) regarding troubleshooting, repair and restoration to service of plant equipment.

Principal Working Relationships:

1. Systems Analysis Coordinator regarding accident mitigation strategies.

2. Maintenance superintendent or his designee in the Technical Support Center regarding troubleshooting, repair, and restoration to service of plant equipment.

M. INSTRUMENTATION AND ELECTRICAL EQUIPMENT COORDINATOR

Reports To: Equipment Analysis Coordinator

Primary Responsibilities:

Provide technical input and advice regarding troubleshooting, repair, and restoration to service of instrumentation and electrical equipment.

Principal Working Relationships:

1. Equipment Analysis Coordinator regarding possible accident mitigation strategies involving instrumentation and electrical equipment.

2. Instrumentation and Electrical Maintenance Group in the Technical Support Center for providing technical assistance and for determining the status of troubleshooting, repair, and restoration efforts.

N. ELECTRICAL CONTROLS SYSTEMS COORDINATOR

Reports To: Systems Analysis Coordinator

Primary Responsibilities:

1. Provide engineering input regarding the design bases and capabilities of electrical controls systems to assist with accident assessment and determination of accident mitigation strategies.

Principal Working Relationships:

1. Systems Analysis Coordinator for providing engineering input.

O. ELECTRICAL POWER SYSTEMS COORDINATOR

Reports To: Systems Analysis Coordinator

Primary Responsibilities:

1. Provide engineering input regarding the design bases and capabilities of electrical power systems to assist with accident assessment and determination of accident mitigation strategies.

Principal Working Relationsnips:

1. Systems Analysis Coordinator for providing engineering input.

IV. INITIAL ACTIONS - GROUP ACTIVATION

A. Whenever a decision has been made to establish the Crisis Management Center, the Nuclear Production Duty Engineer will contact the Plant

Assessment Manager (or an alternate). He will be given information according to the CMC activation message form, Figure 1.

B. The Plant Assessment Manager will relay the information on Figure 1 and any additional instructions to the Administrative Supervisor. (See Figure 2 for home and office telephone numbers.)

C. The Administrative Supervisor will contact one person for each position in the group using the telephone numbers in Figure 2. The information on Figure 1 will be provided to each person contacted.

D. If the emergency involves Catawba or McGuire, the Plant Assessment Manager will report to the Manager's Area of the McGuire/Catawba CMC. All other group personnel will report to the Plant Assessment Area of the CMC.

E. If the emergency involves Oconee, the Plant Assessment Manager will report to the Manager's Area of the Oconee CMC. All other group personnel will report to the Plant Assessment Area of the Oconee CMC. (See Figures 5 and 6 for directions).

F. The Administrative Supervisor will be responsible for preparing the Plant Assessment Area for emergency operations. (See Figure 4.)

G. The Plant Assessment Manager should notify the Recovery Manager that the group is ready for CMC activation when he/she is staffed and capable of performing his/her duties. (The CMC may be activated prior to arrival of other Plant Assessment Group personnel.)

V. EMERGENCY FACILITIES, EQUIPMENT, AND RESOURCES

A. Facilities

Figures 3-6 show the layouts for the CMC facilities used by the Plant Assessment Group.

B. Communications

Standard telephones are available using the commercial telephone networks or the Duke Power microwave. If any of these systems are out-of-service, notify the Administration and Logistics Group.

Emergency telephone directories are found in the Crisis Management Implementing Plans, CMIP-8 for Oconee and CMIP-9 for Catawba and McGuire. Copies of these directories are kept in all CMC locations.

C. Equipment and Supplies

The Administrative Supervisor will have access to the following equipment and supplies:

1. Word Processing equipment, copiers, telecopiers, etc.
2. System descriptions
3. FSAR and Technical Specifications
4. Procedures
5. Drawings

D. Human Resources

The Administrative Supervisor will arrange for support personnel such as secretaries and office assistants as needed. The Administration and Logistics Group can help arrange for support personnel.

E. Crisis Management Center (CMC) Drawings

Catawba Drawings

Vital to Operations (VTO) drawings for the Catawba CMC are stored and updated in the drawing file room at ECI-701. Access to the area after regular working hours is obtained through building security or with a door key stored in ECII-841. The Plant Assessment Administrative Supervisor is responsible for obtaining access.

The VTO drawings are identified by red highlighted labels on the drawing stick. The VTO's for Catawba include Flow Diagrams, One line Electrical, and Electrical Elementaries.

McGuire Drawings

Drawings for McGuire are maintained on the fifth floor in ECI-501.

Oconee Drawings

Drawings for Oconee are stored in the Plant Assessment Room at the Oconee CMC. These include flow diagrams and one-line electrical drawings.

VI. EMERGENCY CLASSIFICATIONS

The Plant Assessment Group is responsible for advising the Recovery Manager regarding which emergency classification is appropriate for the situation. Procedures to be used in classifying an emergency are found in the procedures cabinet at the CMC.

VII. PROTECTIVE ACTION RECOMMENDATIONS

In a Site Area Emergency or General Emergency, the Recovery Manager may need to make protective action recommendations to the states or counties. Figure 9, Protective Action Recommendations, should be used by the Plant Assessment Group in developing recommendations to be provided to the Recovery Manager. These recommendations should be discussed with the Radiological Assessment Manager in order to provide a consolidated recommendation to the Recovery Manager which considers both plant conditions and off-site radiological conditions.

VIII. TRANSMISSION DEPARTMENT SUPPORT

Figure 10 contains telephone numbers for obtaining support from the Transmission Department if needed during an emergency.

Figure 1

CMC EMERGENCY ACTIVATION MESSAGE

If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members according to the group's Crisis Management Implementing Procedure.

Message

1. I am notifying you of a drill/actual emergency at _____ Nuclear Station.

2. Have you consumed alcohol within the past 5 hours?

   (If "No," skip to Item 3. If "Yes," ask the following questions, and use judgement to determine whether the person is fit for duty.)

   (a) What did you consume?
   (b) How much did you consume?
   (c) Can you perform your duties unimpaired?
   (d) Can you drive safely?

3. You should use the procedure for your CMC group to notify your portion of the Crisis Management Center Organization and report to:

   _____ the Catawba/McGuire CMC (Power Building)

   _____ the Oconee CMC

Figure 2
Plant Assessment Group Personnel
Call List

		Home	Office
Manager	K. S. Canady	[redacted]	704/373-4712
	P. M. Abraham		704/373-4520
	H. D. Brewer		704/373-7409
	G. B. Swindlehurst		704/373-5176
	M. J. Barrett		704/373-2934
	S. A. Deskevich		704/373-7128
	H. J. Lee		704/373-7565
	J. E. Burchfield		704/373-3238
	L. J. Azzarello		704/373-5006
	B. E. Busby		704/373-6249
	R. H. Clark		704/373-5823
	R. G. Snipes		704/373-8704
Systems Analysis Coordinator	B. J. Dolan		803/885-3314
	G. B. Swindlehurst		704/373-5176
Safety Analysis Support	H. J. Lee (MNS & CNS)		704/373-7565
	M. E. Henshaw (MNS & CNS)		704/373-7420
	J. E. Burchfield, Jr. (ONS)		704/373-3238
	G. J. Byers (ONS)		704/373-2279
	J. A. Perry (ONS)		704/373-2938
	T. R. Niggel (CNS & MNS)		704/373-5339
	T. M George (MNS & CNS)		704/382-1407
Mechanical Systems Engineer	R. C. Gamberg (ONS)		704/373-8585
	S. L. Nader (ONS)		704/373-7783
	E. L. Hyland (ONS)		704/373-5929
	R. W. Revels (MNS)		704/373-8163
	E. W. Fritz (CNS)		803/831-3775
	R. Menichelli (CNS)		704/373-8609
	R. C. Bucy (CNS)		704/373-7911
	C. D. Painter (MNS)		704/373-5989
	K. L. Evans (CNS)		704/382-1359
	J. M. Hawkins (MNS)		704/373-8120
	R. S. Lytton (ONS)		704/382-0962
Risk Analysis Coordinator	L. J. Azzarello (ONS)		704/373-5006
	B. E. Busby		704/373-6249
	J. A. Nash		704/373-5003
Nuclear Fuel	J. L. Eller (ONS)		704/373-8729
	D. E. Bortz (MNS)		704/373-2423
	R. R. St. Clair (CNS)		704/373-5404
	K. P. Waldrop (MNS & CNS)		704/373-7999

Figure 2 (cont'd)

Plant Assessment Group Personnel
Call List

		Home	Office
Operations Support Coordinator	C. W. Graves, Jr. (Pri-ONS)	[redacted]	704/825-0280
	L. A. Reed (Primary-CNS)		704/373-8285
	D. R. Bradshaw		704/373-7018
	J. H. Rowe (Primary-MNS)		704/373-8248
Operations Consultant	Steve Helms (MNS)		704/875-5030
	Dave Arndt (MNS)		704/875-5511
	Tommy Kiker (CNS)		803/831-3119
	J. A. Whitener (ONS)		803/885-3456
	W. H. Caudill (ONS)		803/885-3451
	T. S. Ramseur (CNS)		803/831-3138
Regulatory Compliance Coordinator	R. L. Gill		704/373-5826
	P. F. Guill		704/875-4002
	Steve Benesole		803/885-3518
	P. J. North		803/885-3113
Equipment Analysis Coordinator	D. H. Gabriel		704/373-4729
	S. D. Hart		704/373-8538
	D. B. Mayes		704/373-4211
	D. R. Keck		704/373-7701
Instrumentation Coordinator	W. H. Messer		704/373-7702
	E. E. Hite		704/875-4000
	R. D. Gillespie		704/373-7625
Electrical Power Systems Coordinator	Aldean Benge		704/373-4243
	J. E. Stoner		704/373-4760
Electrical Control Systems Coordinator	J. E. Thomas (CNS)		704/373-4612
	R. E. Hardin (CNS)		704/373-8942
	T. A. Ledford (ONS)		704/373-8168
	R. L. Dobson (ONS)		704/373-8162
	M. E. Efird (MNS)		704/373-8340
	W. N. Matthews (MNS)		704/373-8436
Administrative Supervisor	J. W. Simmons		704/373-5781
	J. A. Reavis		704/875-4689
Containment/Source Term Analysis Coordinator	H. D. Brewer		704/373-7409
	S. A. Deskevich		704/373-7128
	M. J. Barrett		704/373-2934

FIGURE 3

MCGUIRE/CATAWBA CMC GENERAL ARRANGEMENT

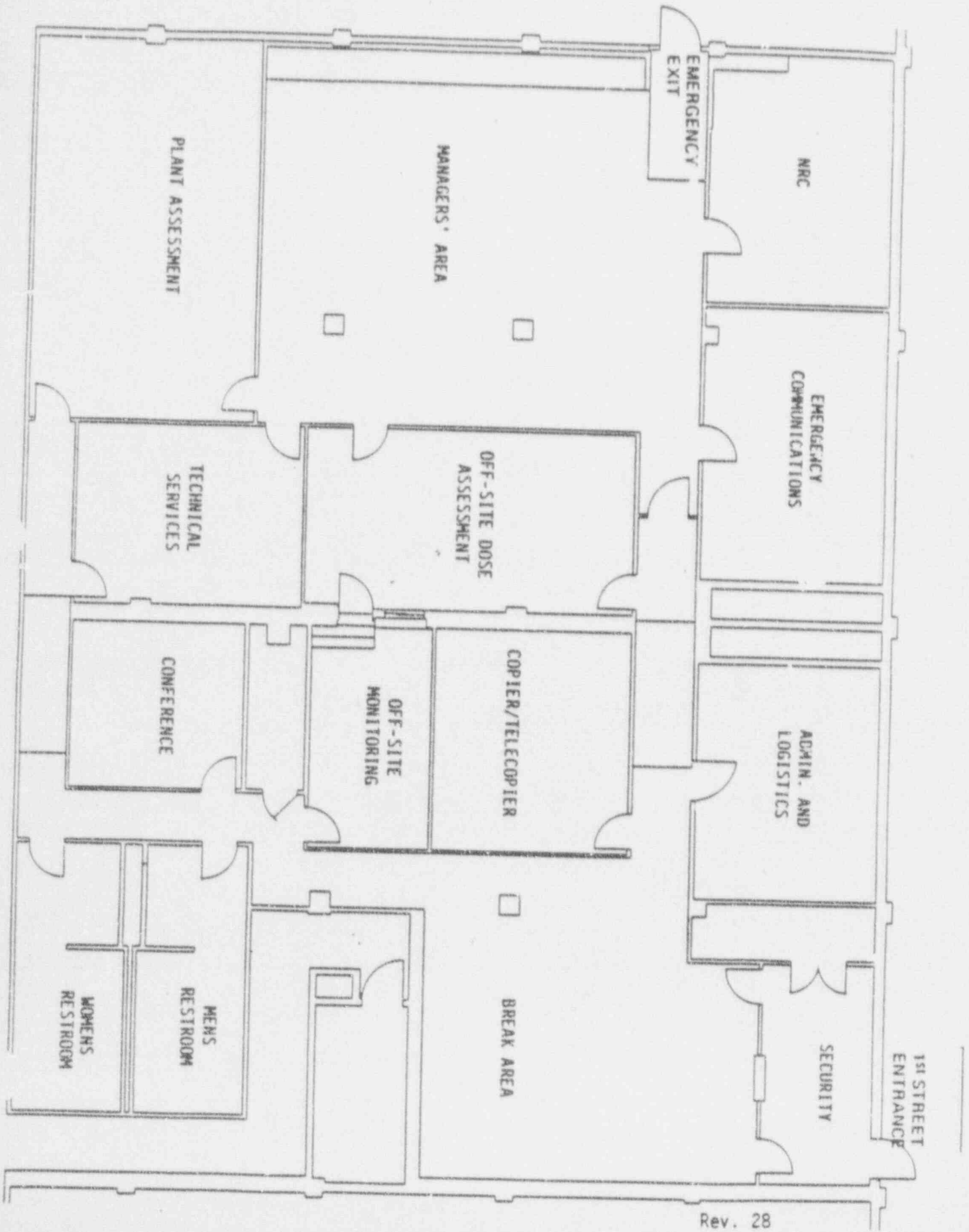


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FIGURE 4

McGUIRE/CATAWBA CMC

PLANT ASSESSMENT

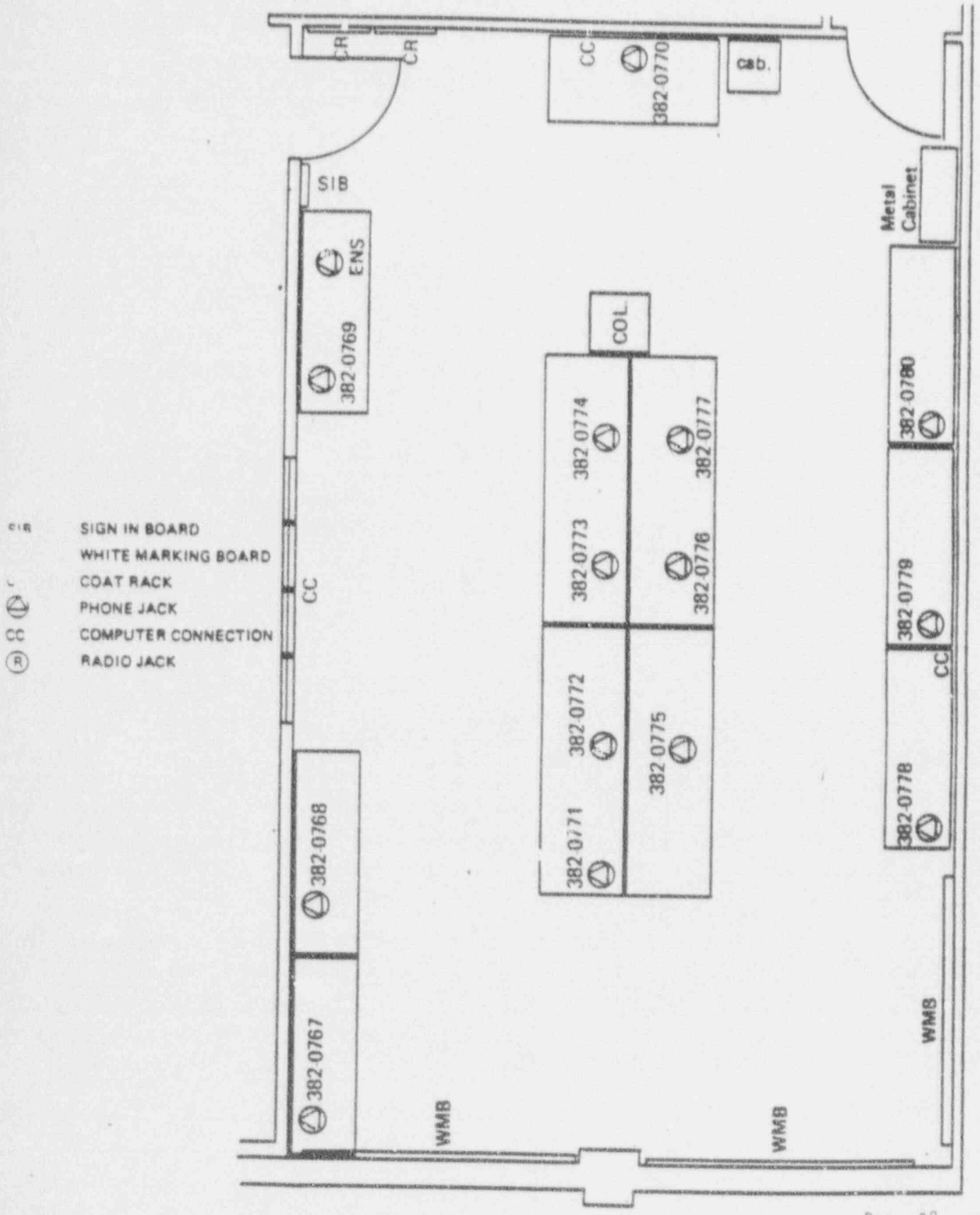

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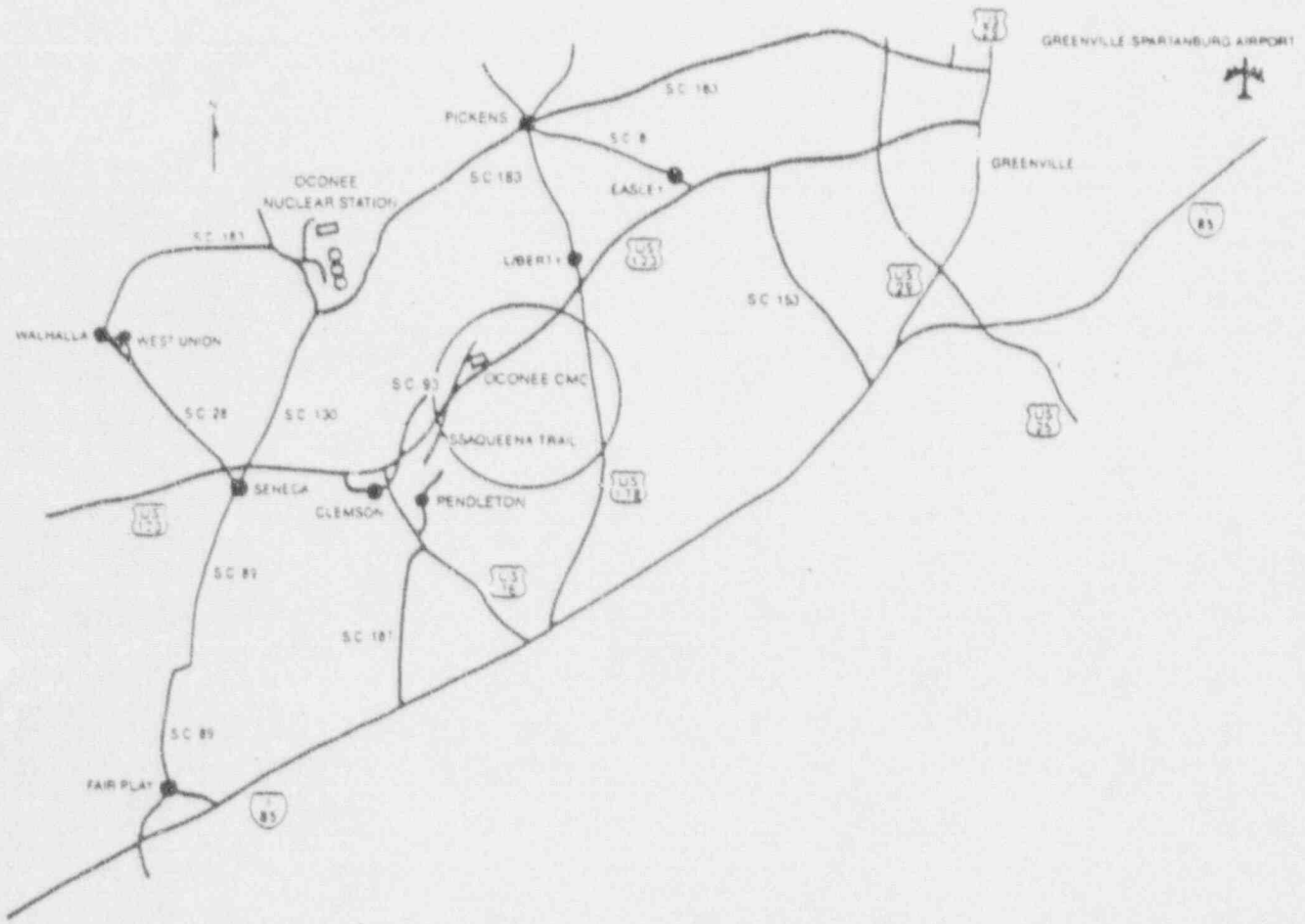
Figure 5

OCONEE CMC
GENERAL LOCATION



From Charlotte:

Take I-85 South to exit 40 (S.C. 153). Go right (toward Easley) about 8 miles to U.S. 123. Go through Easley and continue to the Issaqueena Trail exit. Then go right about 1/4 mile to the CMC.

NOTE: NOT TO SCALE

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Figure 6

OCONEE CMC GENERAL LAYOUT

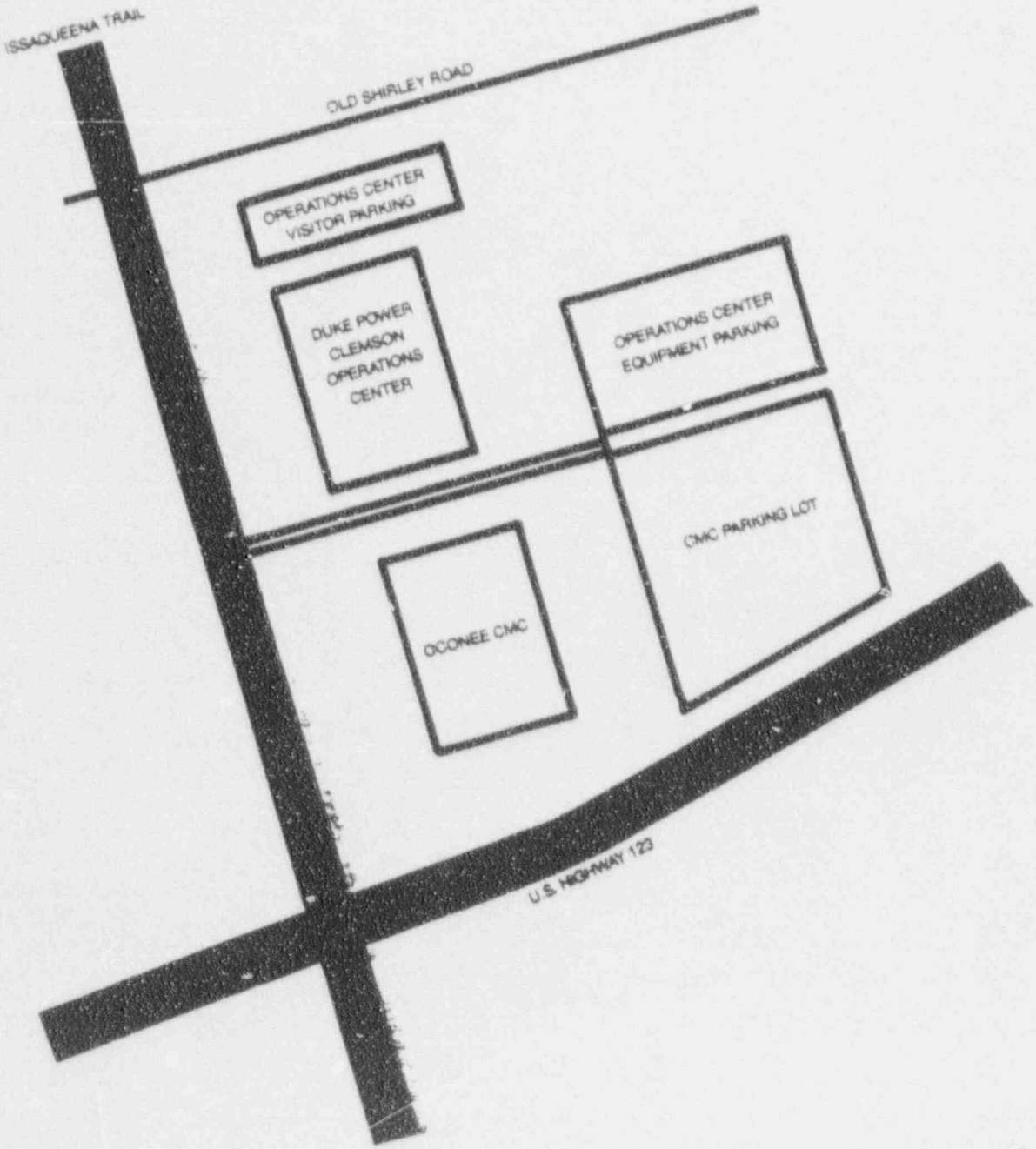

Figure 7

OCONEE CRISIS MANAGEMENT CENTER
GENERAL ARRANGEMENT

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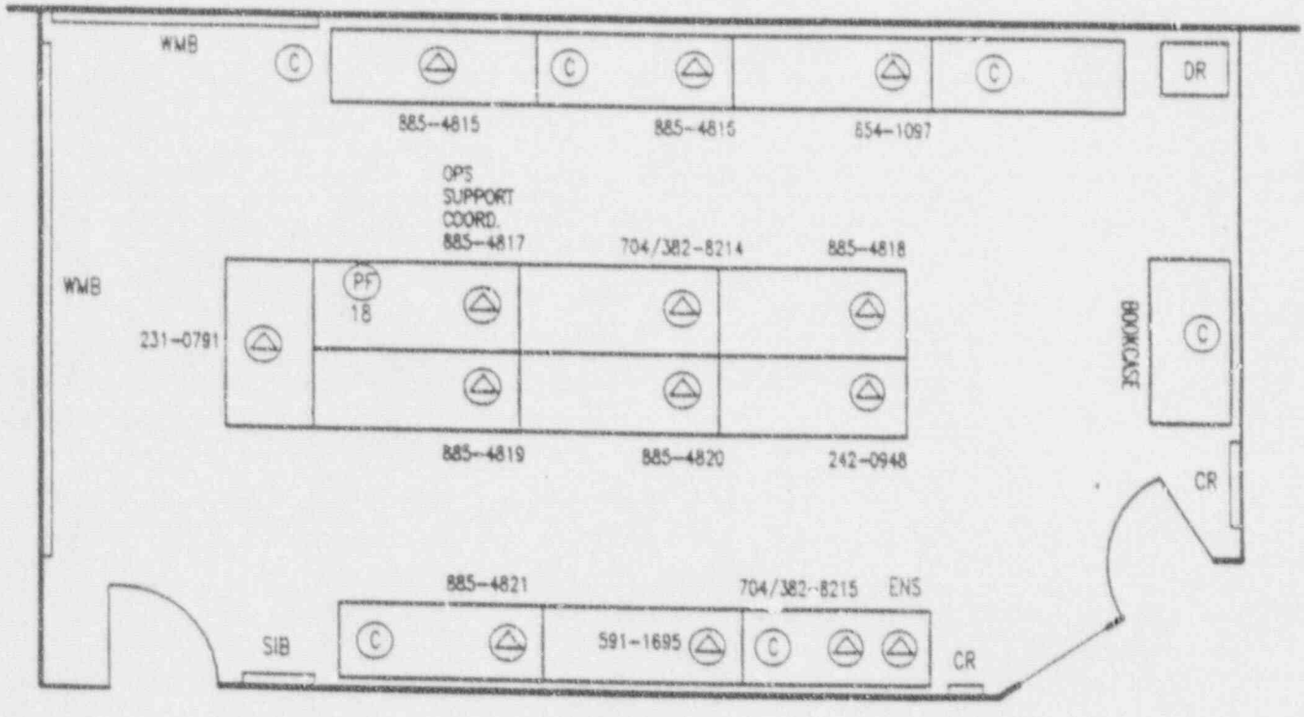
FIGURE 8
OCONEE CMC
PLANT ASSESSMENT



ENS EMERGENCY NOTIFICATION SYSTEM
SIB SIGN IN BOARD
WMB WHITE MARKER BOARD
DR DRAWING RACK
CR COAT RACK
PHONE
C COMPUTER CONNECTION
PF POWER FAIL TRUNK PHONE

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.

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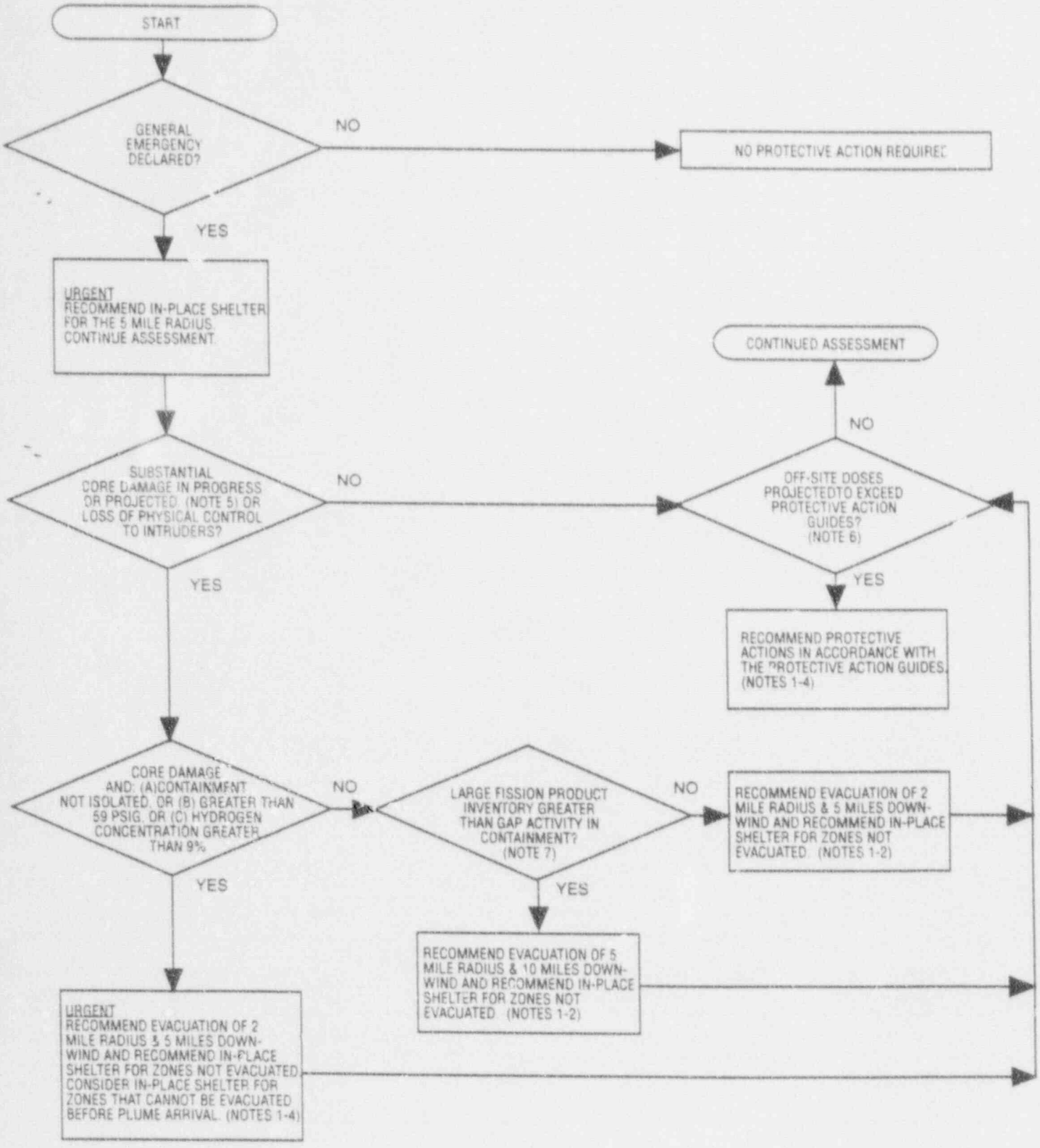
GUIDANCE FOR OFF-SITE PROTECTIVE ACTIONS



GUIDANCE FOR OFF-SITE PROTECTIVE ACTIONS

NOTE:

1. Whenever possible, consult the CMC meteorologist to determine the potentially affected areas. Otherwise, "downwind" should be assumed 90 degrees wide, except assume all directions to be downwind if wind speed is less than 5 mph. For Oconee after 4:00 p.m. and before 10:00 a.m., assume all directions to be downwind.

2. Promptly relocate the population affected by any ground contamination after plume passage.

3. See Crisis Management Plan, Section J.8 for evacuation time estimates.

4. If in-place shelter is indicated and a release is expected to continue more than 2 hours, evacuation may result in lower doses. Increasing the distance from the plant and reducing the time of exposure would be more effective than in-place shelter.

5. "Substantial core damage" is defined as release of 20% of the gap activity from the core

6. Determine from dose projections and/or off-site monitoring data. See Page 3 for protective action guides.

7. Fission product inventory inside containment is greater than gap activity if the containment radiation level exceeds the levels in the table below:

For McGuire or Catawba:

TIME AFTER SHUTDOWN (HOURS)	CONTAINMENT MONITOR READING (R/HR)
0	2,340
0 - 2	864
2 - 4	624
4 - 8	450
> 8	265

For Oconee:

TIME AFTER SHUTDOWN (HOURS)	CONTAINMENT MONITOR READING (R/HR) RIA-57	RIA-58
0	9,090	4,100
0 - 2	2,060	923
2 - 4	1,400	626
4 - 8	788	350
> 8	269	118

PROTECTIVE ACTION GUIDES

Recommended protective actions to avoid whole body and thyroid dose from exposure to a gaseous plume.

Projected Dose (Rem) to the Population	Recommended Actions	Comments
Whole Body <1 Thyroid <5	• No protective action required. • State may issue an advisory to seek shelter and await further instructions or to voluntarily evacuate. • Monitor environmental radiation levels.	Previously recommended protective actions may be reconsidered or terminated.
Whole Body 1 to <5 Thyroid 5 to <25	• Seek shelter and await further instructions. • Consider evacuation particularly for children and pregnant women. • Monitor environmental radiation levels.	Refer to Notes 1-5.
Whole body 5 and above Thyroid 25 and above	• Conduct mandatory evacuation of populations in the affected zones and recommend in-place shelter for the zones not evacuated. • Monitor environmental radiation levels and adjust area for mandatory evacuation based on these levels.	Refer to Notes 1-5. Seeking shelter would be an alternative if evacuation were not immediately possible.

TRANSMISSION DEPARTMENT

ELECTRICAL MAINTENANCE & CONSTRUCTION DIVISION

PERSONNEL TO CONTACT IN CASE OF TROUBLE AT
CATAWBA NUCLEAR STATION

PLANT MAINTENANCE

First, Call	Office	Home	Profs ID
First - George McCulbertson	831-3307 @ Catawba	[redacted]	GMC3825
Second - Carolyn G. McDaniel	831-5443 @ Catawba		N/A

For trouble on any equipment for which the EMC Division is responsible, if they are not available, then call:

Generators, Motors, Generator Bus, Exciters, Switchgear			
M. T. Marcum (Mark)-Generator, Exciter, Testing	373-3075	[redacted]	MTM6101
J. S. Lynn (Jimmy)-Motor, Bus, Switchgear	373-7730		JSL2259
L. H. Fowler (Larry)-Generators	373-4487		LHF2184
R. K. Wilkinson (Keeth)-Motors	373-4135		RKW6121
J. B. Ashe (Jeff)	373-6469		JBA6290
If unable to contact persons listed above, call:			
First - F. L. Tatum	373-8073		FLT6400
Second - C. W. Wilkins	373-4686		CWW6380

ELECTRICAL MAINTENANCE & CONSTRUCTION - CHARLOTTE

Breakers, Cable/Auxiliary Systems and Capacitors			
First - Gene Brannock	373-4184	[redacted]	SGB2009
Second - Tim Stroupe	373-4897		TLS6380
Third - Buddy Rogers	373-4193		FWR6310
Controls and Relaying			
First - Bill Brown	373-4082	[redacted]	WHB1935
Second - Gene Brannock	373-4184		SGB2009
Third - Doug Clutz	373-4855		RDC6321
Meters, Computer Maintenance and Supervisory Control			
First - Bill Brown	373-4082	[redacted]	WHB1935
Second - Doug Clutz	373-4855		RDC6321
Third - Gene Brannock	373-4184		SGB2009
Batteries, Transformers and Doble Testing			
First - Buddy Rogers	373-4193	[redacted]	FWR6310
Second - Tim Stroupe	373-4897		TLS6380
Third - Gene Brannock	373-4184		SGB2009
Structures, Power Circuits (Bus, Wiring, Insulators, Disconnect Switches, Gang Switches, Circuit Switchers)			
First - Tim Stroupe	373-4897	[redacted]	TLS6380
Second - Ty Trull	373-7773		TCT6380
Third - Buddy Rogers	373-4193		FWR6310

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Materials	Office	Home	Profs ID
First - Harold Smith	373-4648	[redacted]	HNS6504
Second - Doug Clutz	373-4855		RDC6321
Third - Ty Trull	373-7773		TCT6380
Rigging/Hauling			
First - Ty Trull	373-7773	[redacted]	TCT6380
Second - Buddy Rogers	373-4193		FWR6310
Third - Harold Smith	373-4648		HNS6504

If unable to contact persons listed above, call:

First - C. W. Wilkins (Windell)	373-4686	[redacted]	CWW6380
Second - F. L. Tatum (Lee)	373-8073		FLT6400

TRANSMISSION DEPARTMENT

ELECTRICAL MAINTENANCE & CONSTRUCTION DIVISION

PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
MCGUIRE NUCLEAR STATION

PLANT MAINTENANCE SECTION

First, Call	Office	Home	Profs ID
First - K. D. Leuschner	875-4178	[redacted]	N/A
Second - Keith Singletary	875-4070 @ McGuire		N/A

For trouble on any equipment for which the EMC Division is responsible, if they are not available, then call:

Generators, Motors, Generator Bus, Exciters, Switchgear			
M. T. Marcum (Mark)-Generators, Exciters, Testing	373-3075	[redacted]	MTM6101
J. S. Lynn (Jimmy)-Motor, Bus, Switchgear	373-7730		JSL2259
L. H. Fowler (Larry)-Generators	373-4487		LHF2184
R. K. Wilkinson (Keeth)-Motors	373-4135		RKW6121
J. B. Ashe (Jeff)	373-6469		JBA6290

If unable to contact persons listed above, call			
First - F. L. Tatum (Lee)	373-8073	[redacted]	FLT6400
Second - C. W. Wilkins (Windell)	373-4686		CWW6380

ELECTRICAL MAINTENANCE & CONSTRUCTION - CHARLOTTE

Breakers, Cable/Auxiliary Systems and Capacitors			
First - Gene Brannock	373-4184	[redacted]	SGB2009
Second - Tim Stroupe	373-4897		TLS6380
Third - Buddy Rogers	373-4193		FWR6310

Controls and Relaying			
First - Bill Brown	373-4082	[redacted]	WHB1935
Second - Gene Brannock	373-4184		SGB2009
Third - Doug Clutz	373-4855		RDC6321

Meters, Computer Maintenance and Supervisory Control			
First - Bill Brown	373-4082	[redacted]	WHB1935
Second - Doug Clutz	373-4855		RDC6321
Third - Gene Brannock	373-4184		SGB2009

Batteries, Transformers and Doble Testing			
First - Buddy Rogers	373-4193	[redacted]	FWR6310
Second - Tim Stroupe	373-4897		TLS6380
Third - Gene Brannock	373-4184		SGB2009

Structures, Power Circuits (Bus, Wiring, Insulators, Disconnect Switches, Gang Switches, Circuit Switchers)			
First - Tim Stroupe	373-4897	[redacted]	TLS6380
Second - Ty Trull	373-7773		TCT6380
Third - Buddy Rogers	373-4193		FWR6310

Revised 10-90

Materials	Office	Home	Profs ID
First - Harold Smith	373-4648	[redacted]	HNS6504
Second - Doug Clutz	373-4855		RDC6321
Third - Ty Trull	373-7773		TCT6380

Rigging/Hauling			
First - Ty Trull	373-7773	[redacted]	TCT6380
Second - Buddy Rogers	373-4193		FWR6310
Third - Harold Smith	373-4648		HNS6504

If unable to contact persons listed above, call:

First - C. W. Wilkins (Windell)	373-4686	[redacted]	CWW6380
Second - F. L. Tatum (Lee)	373-8073		FLT6400

TRANSMISSION DEPARTMENT

ELECTRICAL MAINTENANCE & CONSTRUCTION DIVISION

PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
OCONEE NUCLEAR STATION

PLANT MAINTENANCE SECTION

First, Call	Office	Home	Profs ID
First - Gary Edens (Gary)	885-3022 @ Oconee	[redacted]	GPE6120
Second - V. A. Sheets (Victor)	885-3023 @ Oconee		N/A

For trouble on any equipment for which the EMC Division is responsible, if they are not available, then call the appropriate person listed below:

Generators, Motors, Generator Bus, Exciters			
M. T. Marcum (Mark)-Generators, Exciters, Testing	373-3075	[redacted]	MTM6101
J. S. Lynn (Jimmy)-Motors, Bus	373-7730		JSL2259
L. H. Fowler (Larry)-Generators	373-4487		LHF2184
R. K. Wilkinson (Keeth)-Motors	373-4135		RKW6121
J. B. Ashe (Jeff)	373-6469		JBA6290
If unable to contact persons listed above, call			
First - F. L. Tatum (Lee)	373-[illegible]073		FLT6400
Second - C. W. Wilkins (Windell)	373-4636		CWW6380

ELECTRICAL MAINTENANCE AND CONSTRUCTION - GREENVILLE

Relay and Controls			
First - H. D. (Doug)	234-4150	[redacted]	HDF2639
Second - C. D. Wilson (Donnie)	234-4149		CDW6460
Third - C. D. Groce (Carol)	234-4151		CDG7361
Fourth - A. R. Mumpower (Roger)	234-4145		ARM6104
Fifth - W. L. Shirley (Bill)	234-4304		WLS0936

Metering, Supervisory Control, Batteries, Chargers			
First - C. D. Wilson (Donnie)	234-4149	[redacted]	CDW6460
Second - H. D. Fields (Doug)	234-4150		HDF2639
Third - C. D. Groce (Carol)	234-4151		CDG7361
Fourth - A. R. Mumpower (Roger)	234-4145		ARM6104
Fifth - W. L. Shirley (Bill,	234-4304		WLS0936

Circuit Breakers, Cable Auxiliary Equipment, Capacitors/Switchgear			
First - A. R. Mumpower (Roger,	234-4145	[redacted]	ARM6104
Second - C. D. Groce (C rol)	234-4151		CDG7361
Third - H. D. Fields (D)	234-4150		HDF2639
Fourth - W. L. Shirley (. ll)	234-4304		WLS0936
Fifth - C. D. Wilson (C nnie)	234-4149		CDW6460

Transformers, Doble Ground Testing			
First - C. D. Groce (Carol)	234-4151	[redacted]	CDG7361
Second - A. R. Mumpower (Roger)	234-4145		ARM6104
Third - H. D. Fields (Doug)	234-4150		HDF2639
Fourth - W. L. Shirley (Bill)	234-4304		WLS0936
Fifth - C. D. Wilson (Donnie)	234-4149		CDW6460

Structures, Power Circuits (Bus, Wiring, Insulators, Disconnect Switches, Gang Switches, Circuit Switchers)	Office	Home	Profs ID
First - W. L. Shirley (Bill)	234-4304	[redacted]	WLS0936
Second - C. D. Groce (Carol)	234-4151		CDG7361
Third - A. R. Mumpower (Roger)	234-4145		ARM6104
Fourth - H. D. Fields (Doug)	234-4150		HDF2639
Fifth - C. D. Wilson (Donnie)	234-4149		CDW6460
If unable to contact persons listed above, call			
C. J. Petty, Jr. (Jenks)	234-4148	[redacted]	CJP6104

Figure 11

WESTINGHOUSE EMERGENCY RESPONSE PROGRAM HEADQUARTERS TEAM

Emergency Response Team Director . . . . . Steve Tritch
Office . . . 412/374-4868
Home . . . . [redacted]

1st Alternate . . . . . Bob Beer
Office . . . 412/374-5115
Home . . . . [redacted]

2nd Alternate . . . . . Rick Muench
Office . . . 412/374-3235
Home . . . . [redacted]
Home Hot Line . . [redacted]

Deputy Director . . . . . Ron Lehr
Office . . . 412/722-5867
Home . . . . [redacted]
Home Hot Line . . [redacted]

For local Westinghouse representatives, see Figure E-4 of the Crisis Management Plan.

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-7

RADIOLOGICAL ASSESSMENT GROUP

Rev. 48

May 1, 1992

Approved By

4-9-92
Date

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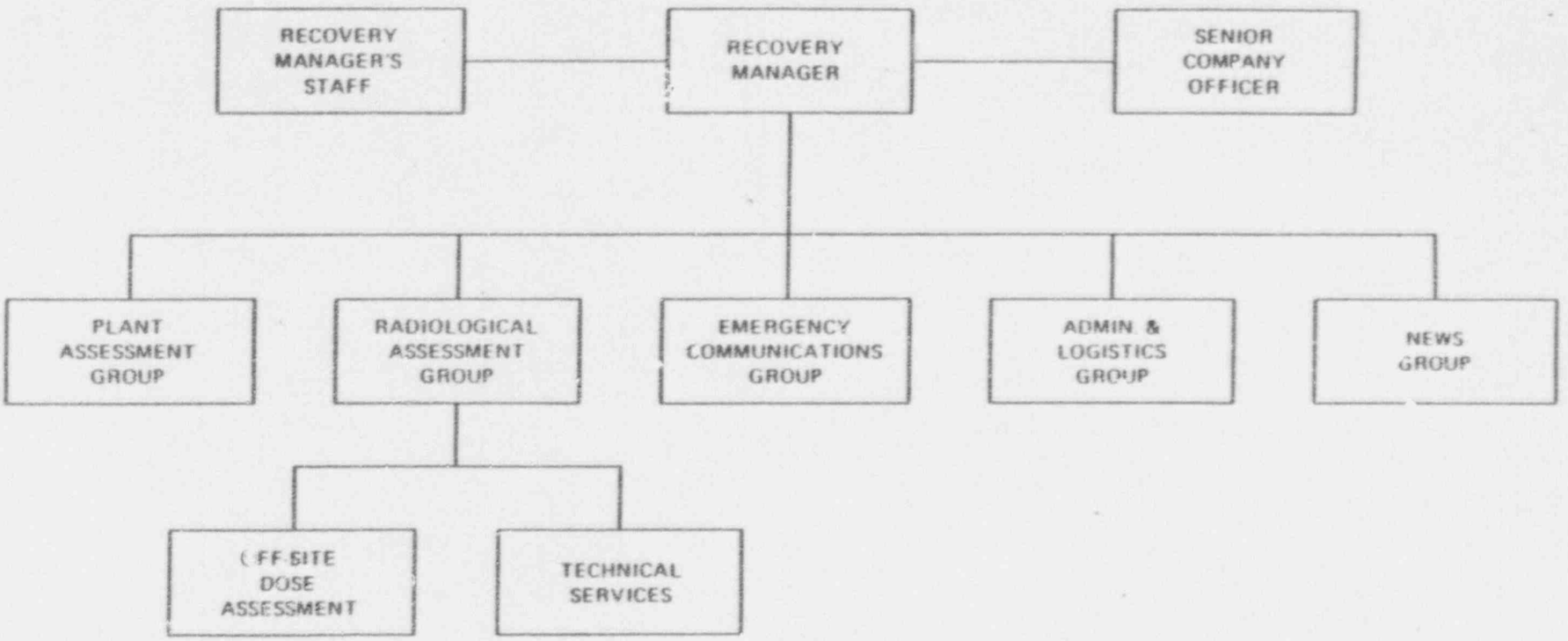
I. SCOPE

The Radiological Assessment Group is responsible for providing suppo t to the Recovery Manager in matters relating to on-site and off-site radiological conditions, chemistry and communicating with the NRC via the Health Physics Network (HPN).

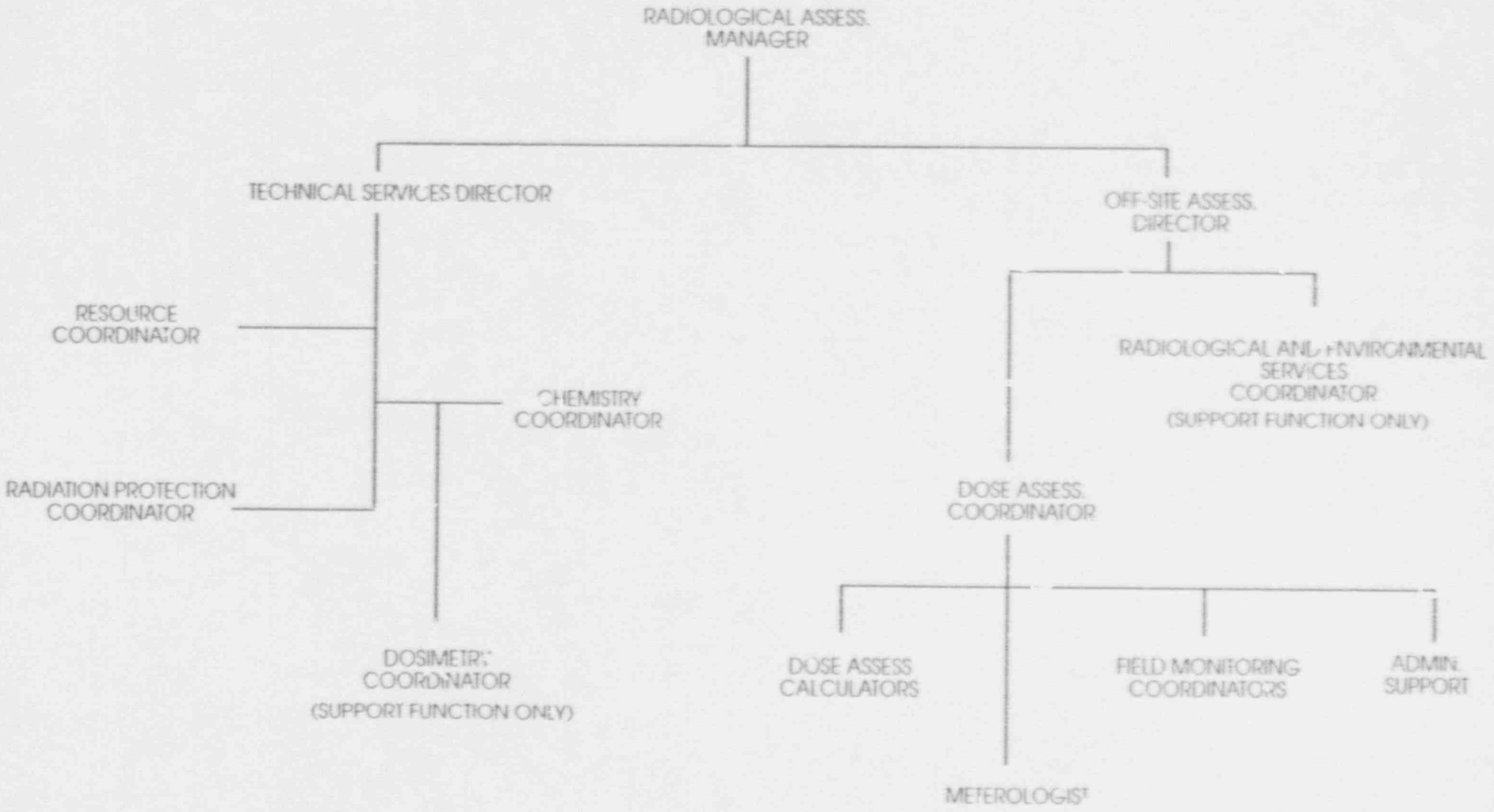
The Group is divided into two sections. The Technical Services Section provides radiation protection and chemistry technical support to the station in analysis of problems that arise inplant. The Off-Site Dose Assessment Section is responsible for off-site activities/assessments including dose assessment, off-site radiation monitoring, and radiological lab analysis.

II. A. CRISIS MANAGEMENT CENTER ORGANIZATION



II. B.

RADIOLOGICAL ASSESSMENT GROUP ORGANIZATION



REVISION 47
MAR. 1, 1992

II.C. RADIOLOGICAL ASSESSMENT GROUP PERSONNEL

Figure 2 is a list identifying all group personnel and their positions within the group organization.

III. FUNCTIONAL RESPONSIBILITIES:

A. RADIOLOGICAL ASSESSMENT MANAGER

Reports to: Recovery Manager

Supervises: Technical Services Director & Staff;
Off-Site Dose Assessment Director & Staff

Basic Function:

Coordinates the Radiation Protection, Chemistry, and Off-Site Dose Assessment activities in support of the emergency management effort.

Primary Responsibilities:

1. Advise the Recovery Manager regarding emergency classifications and public protective actions that may be justified based upon radiological conditions. These recommendations should be coordinated with the Plant Assessment Manager. (See Sections VI and VII)

2. Ensure that information regarding radiological conditions is communicated to the Emergency Communications Group in a timely and accurate manner. This information is needed to keep states and counties informed. (See Section VIII)

3. Advise the Recovery Manager regarding any actions necessary to protect CMC workers (Refer to Crisis Management Plan, Section K for criteria.)

4. Manage the activities of the Radiological Assessment Staff in the development and implementation of plans and procedures to minimize radiation exposure and off-site releases.

5. Assure the Technical Services and Off-site Dose Assessment Staffs are adequately staffed and equipped to respond in a timely fashion.

6. Provide information and recommendations to the Recovery Manager concerning future operations that could affect the plant or the environment.

Principal Working Relationships:

1. Recovery Manager for providing recommendations regarding p..lic protective actions.

2. Plant Assessment Manager concerning plant systems and equipment and their effect on on-site and off-site radiological conditions.

3. Emergency Communications Manager regarding radiological information to be transmitted to states and counties.

B. TECHNICAL SERVICES DIRECTOR

Reports to: Radiological Assessment Manager

Supervises: Technical Services Staff

Basic Functions:

Defines, directs, and coordinates efforts of staff and advises Radiological Assessment Manager with regard to on-site radiological and chemistry conditions and the need for any action.

Primary Responsibilities:

1. Direct the activities of the Technical Services Staff.

2. Advise Radiological Assessment Manager of results and recommendations of Technical Services Staff.

3. Advise Radiological Assessment Manager of existing and potential radiological conditions in the plant.

4. Request analysis of station samples by Radioanalysis Laboratory, as necessary.

Principal Working Relationships:

1. Plant Assessment Group regarding activities or recommendations of the Technical Services Section.

2. Radioanalysis Coordinator to request station sample analyses.

C. RESOURCES COORDINATOR

Reports to: Technical Services Director

Primary Responsibilities:

1. Assist the Radiological Assessment Group as needed.

2. Obtain personnel and equipment as needed.

Primary Working Relationships:

1. Administration and Logistics Group regarding personnel, equipment, and supplies procurement and storage until needed.

D. RADIATION PROTECTION COORDINATOR

Reports to: Technical Services Director

Supervises: Radiation Protection Staff Personnel

Basic Functions:

Directs the Radiation Protection Staff in providing technical support and assistance to the Station Radiation Protection Manager concerning radiation protection aspects; and for defining requirements for any modifications or additional equipment necessary to facilitate waste processing in support of the recovery operation.

Primary Responsibilities:

1. Directs the Radiation Protection staff.

2. Ensure that radiological conditions in the CMC are monitored and the results are provided to the Radiological Assessment Manager (Oconee CMC and Media Center only).

3. Develop and assist in the implementation of radiation exposure control (ALARA) measures and procedures, and in the planning, scheduling, mock-up training, and performance of jobs involving personnel exposure to radiation and contamination.

4. Assist in the implementation of Health Physics related design requirements for waste system processing and design modification activities; and develop decontamination plans for affected plant areas.

5. Assist in the design, construction, and use of special contamination containment enclosures, temporary ventilation systems, temporary shielding, remote handling equipment, special tools, special

means of communication, and other facilities to maintain personnel exposure to radiation and contamination ALARA.

6. Provide technical support for resolution of technical problems related to the Health Physics aspects of the recovery operation.

7. Complements station dosimetry services by providing all personnel other than station personnel with required dosimetry, conducting body burden analysis, issuing TLD badges, obtaining and maintaining required NRC and corporate personnel exposure records, and submitting personnel dosage reports through appropriate channels to the NRC and individual workers.

8. Prepare and present special Health Physics training directly related to recovery activities involving Health Physics consideration, assures that routine radiation protection training, and respiratory protective equipment training and fitting is accomplished.

9. Select and coordinate the procurement of additional or special Health Physics instruments, supplies, and manpower to support the recovery operations and for long term basis; direct instrument control services such as instrument calibration, repair; etc.

10. Maintain Health Physics related computer programs (exposure control, exposure record keeping, respiratory qualification and training, body burden analysis, etc.) and provide required reports to support the recovery operation.

11. Provide manpower to receive and ship radioactive materials at the station.

12. Inform the HPN Communicator of site radiological survey data, contamination levels, sample results, and personnel exposures, and trends, as requested by the HPN Communicator.

Principal Work Relationships:

1. Station Radiation Protection Manager regarding radiation protection support, dose management, collection and analysis of air samples.

2. Chemistry Coordinator regarding liquid, gaseous, and solid waste system processing.

3. Dosimetry Coordinator regarding dosimetric needs.

4. Vendors regarding radwaste processing equipment, services, and radiation monitors.

5. HPN Communicator to provide radiological data.

E. CHEMISTRY COORDINATOR

Reports to: Technical Services Director

Supervises: Chemistry Staff Personnel

Basic Function:

Responsible for procedures to evaluate the types and quantities of fission products released to the containment in the liquid phase; to evaluate the chemistry (dissolved gases, boron, and pH) of reactor coolant; to evaluate the containment hydrogen levels; to reduce airborne radioactive iodine levels by chemical treatment; for minimizing off-site effluent releases by developing plans and procedures to control liquid, gaseous, and solid waste processing; and for defining requirements for any modifications or additional equipment necessary to facilitate waste processing in support of the recovery operation.

Primary Responsibilities:

1. Develop and assist with the implementation of plans and procedures to collect and analyze reactor coolant and reactor building sump samples and to evaluate the results of analysis for fission products, dissolved gas, boron, pH, and hydrogen content.

2. Develop and assist with the implementation of plans and procedures for processing liquid and gaseous waste to minimize off-site releases. Recommend equipment and vendors for waste processing activities.

3. Develop and assist with the implementation of plans and procedures for determining the extent of core damage with respect to long term corrective action and radwaste processing. Determine preliminary estimate of percent of gap activity released based on containment radiation monitors.

4. Develop and assist with the implementation of plans and procedures to reduce airborne radioactive iodine by chemical treatment.

5. Develop and assist with the implementation of plans and procedures for solidification of liquid and slurry wastes.

Principal Working Relationships:

1. Station Chemistry Manager and Plant Assessment Group regarding the extent of core damage.

2. Station Chemistry Manager regarding collection and analysis of liquid samples.

3. Station Radiation Protection Manager regarding collection and analysis of air samples.

4. Off-Site Dose Assessment Director and Station Radiation Protection Manager regarding effects of waste processing on off-site releases.

5. Station Chemistry Manager regarding the feasibility of processing plans, status of radwaste processing including radwaste volumes.

6. Plant Assessment Group regarding any modifications necessary to collect or analyze chemistry samples.

7. Radiation Protection Coordinator regarding specialized procedures or equipment to be used to reduce radiation exposures of personnel collecting and analyzing reactor coolant and containment atmosphere samples.

8. Station Chemistry Manager regarding chemicals and procedures to reduce airborne radioactive iodine levels.

9. Vendors regarding radwaste fluid process, equipment, and services.

F. DOSIMETRY COORDINATOR

Note: This position is not a part of the Crisis Management Team, and does not report to the CMC, but will provide a support function from another location, as needed.

Reports to: Technical Services Director

Supervises: TLD Laboratory

Basic Function:

Directs the efforts of the TLD Laboratory in order to provide emergency dosimetry service in a prompt and efficient manner.

Primary Responsibilities:

1. Direct operation of TLD Laboratory and procure additional personnel from unaffected stations to ensure adequate lab coverage.

2. Prepare TLD's designated for emergency use. Based on available on-site exposure-rate information (as determined through Dose Assessment and/or Health Physics monitoring and equipment at station) establish appropriate monitoring periods as conditions dictate.

3. Process, evaluate, and record exposure data of return shipments of TLD's in an accurate manner.

4. Provide manual readout capabilities to the station (Teledyne Isotopes 8300 Manual TLD Reader) for immediate processings.

5. Provide technical support for resolution of problems relating to personnel monitoring.

6. REC Function regarding updates to the CDRK for exposure periods less than the typical monthly monitoring period.

Principal Working Relationships:

1. Radiation Protection Coordinator regarding personnel dosimetric needs.

2. Station Radiation Protection Manager or designee (from unaffected stations) for requesting additional personnel to supplement current lab personnel.

3. Station Radiation Protection Manager or designee to report doses that are near or exceed Duke Power Administrative Limits.

4. Off-line Computer personnel regarding running TLD Lab computer programs on non-routine basis.

5. General Office Radiation Protection for technical assistance regarding suspected accident range dosimeters.

6. Off-site Dose Assessment Coordinator regarding environmental dosimetric needs and for reporting environmental TLD results.

TLD Laboratory Operations:

The Dosimetry Coordinator will direct and coordinate the TLD Laboratory which will participate in the Crisis Management Plan by analyzing personnel and environmental TLD's for radiation exposure.

Personnel and environmental dosimetric needs will be determined by the Station Radiation Protection Manager/

Health Physics Coordinator and the Off-Site Dose Assessment Coordinator, respectively.

Personnel TLD analyses results will be transmitted by telephone or radio to the Station Radiation Protection Manager/Health Physics Coordinator in determining personnel doses. Environmental TLD analyses results will be transmitted by telephone or radio to the Off-Site Dose Assessment Coordinator for use in determining the radiological status of the environment.

In the event of an accident, the TLD laboratory will begin 24-hour operation. Each shift will be manned by the Dosimetry Coordinator or his/her alternate and personnel either regularly assigned to the TLD Laboratory or from the unaffected stations.

The TLD Laboratory will receive personnel TLD's from the affected station and environmental TLD's from off-site monitoring teams. The Station Radiation Protection Manager and Off-Site Monitoring Coordinator are responsible for ensuring personnel and environmental TLD's, respectively, are delivered to the TLD Laboratory.

All TLD's received by the TLD Laboratory will be analyzed using appropriate laboratory equipment. High priority TLD's will be analyzed first.

A final report will be generated for each TLD analyzed. The original report will be kept on file at the TLD Laboratory. Copies will be sent to the Health Physics Coordinator, Station Radiation Protection Manager, or Field Monitoring Coordinator, as appropriate.

In the event of an actual or potential release from McGuire Nuclear Station, the TLD Laboratory may need to relocate its operation. The Radiation Protection Coordinator will be responsible for determining the time and place of relocation and for making arrangements with the Dosimetry Coordinator and the Administration and Logistics Transportation Director to make the move.

If relocation of the TLD Laboratory is not possible, backup dosimetry services are available from Virginia Power Company. The Radiation Protection Coordinator will be responsible for contacting Virginia Power to request dosimetry services support.

G. OFF-SITE DOSE ASSESSMENT DIRECTOR

Reports to: Radiological Assessment Manager

Supervises: Off-Site Dose Assessment Staff

Basic Functions:

Defines, directs, and coordinates efforts of staff, coordinates with State and Federal emergency response personnel, and advises Radiological Assessment Manager with regard to off-site radiological conditions and need for emergency action off-site. Located at Crisis Management Center.

Primary Responsibilities:

1. Direct the activities of the Off-Site Dose Assessment staff in the development of off-site dose projections, protective action recommendations, off-site monitoring, and environmental sampling and analysis.

2. Advise Radiological Assessment Manager of existing and potential radiological conditions and recommend protective measures.

3. Provide information to the State/County Communicator for transmittal to states and counties. (See Section VIII)

4. Assure adequate staffing and resources to provide necessary support to Radiological Assessment Manager in off-site radiological matters. Figure 16 may be used as an aid for group activation and to determine personnel assignments for shift support.

5. Serve as the primary interface with NRC and DOE technical personnel regarding off-site radiological assessments.

Principal Working Relationships:

1. State County Communicator regarding information for the Emergency Notification form.

2. Liaisons at the CMC from the state radiological health organization.

3. NRC site team personnel located at the CMC.

4. Federal agencies at the Federal Radiological Monitoring and Assessment Center (FRMAC) regarding off-site conditions.

H. FIELD MONITORING COORDINATOR

Reports to: Dose Assessment Coordinator

Supervises: TSC Field Monitoring Coordinator

Basic Functions:

Directs efforts of off-site monitoring teams to obtain required field measurements and environmental samples. Advises Dose Assessment Coordinator of results of field measurements.

Upon Crisis Management Center (CMC) activation, the Field Monitoring Coordinator (FMC) at the Technical Support Center (TSC) will be functionally responsible to the FMC at the CMC. The TSC FMC will continue to direct the field teams to the locations called for by the CMC FMC. Data obtained will be sent back to the CMC FMC by phone or radio from the TSC FMC.

The CMC FMC will monitor field team communications and report field measurements to the Dose Assessment Coordinator (DAC) in the CMC, as appropriate.

Two (2) CMC FMC's should be available per shift, one of which will operate the off-site monitoring radio. The lead CMC FMC will be determined by the FMC primary/alternate list shown in Figure 2.

Primary Responsibilities:

1. Direct the activities of the off-site monitoring teams, implement monitoring strategies and sample collection requirements.

2. Assure adequate staffing and resources for off-site monitoring teams.

3. Review and compile off-site monitoring results and advise Dose Assessment Coordinator.

4. Arrange for samples requiring laboratory analyses to be transported to the laboratory by the Administration and Logistics Group.

Principal Working Relationships:

1. Radioanalysis Coordinator regarding sample collection for analyses.

2. Dose Assessment Coordinator regarding monitoring results used to calculate doses and develop distribution maps.

3. Administration and Logistics Transportation Director group regarding transportation of samples.

I. RADIOLOGICAL AND ENVIRONMENTAL SERVICES COORDINATOR

Note: This position is not a part of the Crisis Management Team, and does not report to the CMC, but will provide a support function from another location, as needed.

Reports to: Off-Site Dose Assessment Director

Supervises: Radioanalysis Laboratory

Basic Functions:

Directs the efforts of the Radioanalysis Laboratory to analyze emergency environmental samples or station samples containing low to moderate levels of contamination in a prompt and efficient manner.

Directs the efforts of the Radiation Protection program to protect the Applied Sciences Center (ASC) personnel from radiation exposure and contamination. Directs ASC personnel on the Radiation Safety measures that must be followed. Directs the receipt and transport of all radioactive samples in the ASC.

Primary Responsibilities:

1. Direct the activities of the Radioanalysis Laboratory and procure personnel from unaffected stations to ensure adequate lab coverage.

2. Assure implementation of analytical requirements in the performance of radiological analyses.

3. Perform analysis of station samples as requested by the Technical Services Director.

4. Direct the activities of the Radiological Projects staff to implement the Radiation Protection program.

5. Ensure personnel exposure to radioactivity and radiation is ALARA.

6. Receipt and transport of all potentially radioactive samples in the ASC.

7. Available to advise Field Monitoring Coordinator about sampling locations.

Principal Working Relationships:

1. Field Monitoring Coordinator regarding environmental sample collection for analyses.

2. Dose Assessment Coordinator regarding environmental samples results used to calculate doses and develop distribution maps.

3. Station Radiation Protection Manager or designee (from unaffected stations) for requesting additional personnel to supplement current lab personnel and/or obtaining calibration sources.

4. Technical Services Director to report in-station sample results.

5 Field Monitoring Coordinator regarding receipt of samples to the ASC for analyses.

6. Radioanalysis Coordinator regarding transport of samples to Radioanalysis Laboratory.

7. Dosimetry Coordinator regarding transport of samples to Dosimetry Laboratory.

Radioanalysis Laboratory Operations:

The Radioanalysis Coordinator will direct and coordinate the Radioanalysis Laboratory (RAL) which will participate in the Crisis Management Plan by analyzing environmental samples for their radioactive content. Gamma isotopic, tritium, and/or alpha/beta analyses will be used to identify the radionuclides present in the samples and will quantify the activity of each radionuclide identified. As analysis results are obtained, they will be transmitted by telephone or radio to the Off-Site Monitoring Coordinator and Dose Assessment Coordinator for use in determining the radiological status of the environment.

In the event of an accident, the Radioanalysis Laboratory will begin 24-hour operation. Each shift will be manned by the Radioanalysis Coordinator or his/her alternate and personnel either regularly assigned to the Radioanalysis Laboratory or from the unaffected stations.

The Radioanalysis Laboratory will receive environmental samples from the Off-site Monitoring Teams. The Field Monitoring Coordinator will be responsible for ensuring environmental samples are delivered to the Radioanalysis Laboratory. All liquid samples should be at least one gallon. Air volumes or meter readings from its air sampler must be included with each air filter/cartridge sample. Vegetation samples should weigh approximately one kilogram (2 lb.) and should not contain a large amount of vines or dead vegetation. Soil samples should fill a one liter bottle. All samples will be well labeled as to the sample type, collection location, date/time of collection and the initials of the collectors.

Gamma isotopic, tritium and/or alpha/beta analyses will be performed on samples, as necessary. The Radioanalysis Laboratory could perform analyses on high contamination samples by setting up geometries for high level samples using calibration sources from unaffected stations. All samples will be labeled as to sample type, volume, and date/time of collection.

All samples received by the Radioanalysis Laboratory will be analyzed using the appropriate laboratory equipment. High priority samples will be counted first. Counting times for the analysis will vary according to the sample type, sample volume and activity level. The counting time for a sample could be as short as 10 minutes for a sample with a large volume and high activity in respect to natural radiation, to as long as several hours for a sample with a small volume and relatively low activity.

A final report will be generated for each sample which would include sample location, sample type, collection date, activities of the radionuclides present and the results of any special analysis performed on the sample. The original report will be kept on file at the Radioanalysis Laboratory and a summary report will be sent to the Off-site Dose Assessment Director or Technical Services Director, as appropriate.

J. DOSE ASSESSMENT COORDINATOR

Reports to: Off-Site Dose Assessment Director

Supervises: Dose Assessment Calculators, Field Monitoring Coordinator, Administrative Support and HPN Communicator (When needed)

Basic Functions:

Assess actual and projected off-site radiological doses. Advises Off-Site Dose Assessment Director of results. Located at the Crisis Management Center.

Primary Responsibilities:

1. Directs the efforts of the Dose Assessment Calculators who assist in performance of calculations, runs computer programs, and plots charts and maps.

2. Computes doses based on release data, meteorology, monitoring results, and analytical results using dose calculation mod

3. Reviews and compiles results into a concise form and advises Off-Site Dose Assessment Director. This form will contain information regarding radiological and meteorological conditions for eventual transmittal to states and counties. (See Section VIII)

4. The Dose Assessment Coordinator or his/her designee shall maintain a dedicated telephone line for coordination of radiological information with TSC dose assessment personnel. This line should not be used for any other purpose; if possible, the line should be kept open continuously after the initial contact has been made. This can be done if both parties use speaker boxes which can be muted (provided in the CMC). The Crisis Management Telephone Directories (CMIP-8 for Oconee and CMIP-9 for McGuire/Catawba) indicate which telephone lines will be dedicated for this purpose.

5. Ensure that the NRC Operations Center is kept informed of radiological data via the NRC Health Physics Network (HPN) if requested by NRC.

   Inform the HPN Communicator of meteorological data and forecasts, dose projections, field monitoring team surveys and sample data, and trends, as requested by the HPN Communicator.

   An HPN Communicator should be chosen from available Dose Assessment Technicians when there is a need to man the HPN phone.

Principal Working Relationships:

1. Field Monitoring Coordinator regarding monitoring results.

2. Laboratory Analyses Coordinator regarding laboratory results.

3. Meteorologist regarding meteorological consultation and forecasts.

4. Off-site Dose Assessment Director regarding dose projections and current meteorological data.

5. HPN Communicator to provide radiological data.

6. Systems Analysis Coordinator of the Plant Assessment Group regarding plant conditions that affect assumptions for dose projections (e.g. extent of core damage).

K. DOSE ASSESSMENT CALCULATORS

Reports to: . Dose Assessment Coordinator

Primary Responsibilities:

Utilize the dose projections computer model and/or dose projections procedures to perform dose calculations. This position may include one or more persons which will be chosen from the list of persons qualified to serve as Dose Assessment Coordinator.

One Dose Assessment Calculator may be chosen by the Dose Assessment Coordinator to serve as the HPN Communicator, when there is a need to man the HPN phone.

If the Meteorologist is unavailable, one Dose Assessment Calculator should be assigned to identify the off-site areas potentially affected based upon current conditions. (See responsibility #1 for the Meteorologist.)

L. HPN COMMUNICATOR

Reports to: Dose Assessment Coordinator

Supervises: N/A

Basic Function:

Maintain an open, continuous communications channel with the NRC Operations Center in Bethesda, Maryland, to provide radiological data (on-site and off-site measurements and dose assessment information), upon request by NRC.

The HPN Communicator will be chosen from available Dose Assessment Calculators by the Dose Assessment Coordinator when there is a need to man the HPN phone.

Primary Responsibilities:

1. Make reports and notifications to NRC as required by 10CFR50.72(c)(3).

2. Keep the NRC Operations Center informed of radiological data via the NRC Health Physics Network (HPN).

3. Maintain a log of all significant events or information transmitted. Include date and time of each transmission and initial each entry.

Principal Working Relationships:

1. NRC Operations Center for providing emergency information.

2. Containment/Source Term Analysis Coordinator for source term information and plant conditions as they relate to source term.

3. Dose Assessment Coordinator for meteorological data and forecasts, dose projections, field monitoring team surveys and sample results, and trends.

4. Health Physics Coordinator for site radiological survey data, contamination levels, sample results, personnel exposures, and trends.

HPN Communications:

As the NRC and CMC facilities become staffed, either the NRC regional office (in Atlanta) or NRC headquarters (in Bethesda) may decide that establishment of the HPN is warranted. An announcement of this decision will be made by NRC over the Emergency Notification System (ENS). To gain access to the HPN, the Duke HPN Communciator should call the NRC Operations Center (in Bethesda), on one of the following telephone numbers (in the order listed): (301) 951-1212, (301) 951-6000, or (301) 951-0550. The Duke HPN Communicator should indicate that he/she is the licensee HPN Communicator and that he/she would like to be connected to the HPN teleconference bridge.

Once HPN communications are established, HPN communications will be concerned with the exchange of radiological data from the affected site. The exact data will be determined by the nature of the event. Discussions of policy or internal items between NRC representatives will not take place over the HPN. The data provided over the HPN will be associated with:

a. Plant conditions as they relate to Source term.

b. Source term information.

c. Meteorological data and forecasts.

d. Dose projections.

e. Trends.

f. Survey data.

g. Contamination levels.

h. Sample results.

i. Personnel exposures.

M. METEOROLOGIST

Reports to: Dose Assessment Coordinator

Primary Responsibilities:

1. Advise the Dose Assessment Coordinator and Radiological Assessment Manager regarding the off-site areas potentially affected by a radiological release based upon current and predicted weather conditions. Ensures that the Radiological Assessment Manager has maps marked to show zones as follows:

   A. 5 miles in all directions.
   B. 2 miles in all directions and 5 miles downwind.
   C. 5 miles in all directions and 10 miles downwind.

2. Advise the Field Monitoring Coordinator regarding positioning of the off-site monitoring teams.

3. Assist with interpretation of off-site monitoring results.

N. ADMINISTRATIVE SUPPORT

Reports to: Dose Assessment Coordinator

Primary Responsibilities:

Assist the Dose Assessment Coordinator and Dose Assessment Calculators, as needed, maintaining the status boards, making and delivering copies of reports, calculations and/or data.

IV. GROUP ACTIVATION

One person will be on-call with a pager at all times to staff the position of Radiological Assessment Manager. Upon receiving a message to staff the CMC, this person will immediately travel to the CMC. The pager message will be transmitted as a coded message as follows:

"Blue Delta"	(Oconee Drill)
"Blue Echo"	(Oconee Emergency
"McGuire Delta	(McGuire Drill)
"McGuire Echo"	(McGuire Emergency)
"Catawba Delta"	(Catawba Drill)
"Catawba Echo"	(Catawba Emergency)

Other personnel will be called using the "call tree" as shown in Figures 3 and 4. (The Radiological Assessment Manager will be called by phone as a backup to the pager.) Phone numbers are included in Figure 2. Figure 1 will be used to relay the emergency information.

Technical Services Section

Upon notification of an emergency, the Technical Services Director, Resource Coordinator, Radiation Protection Coordinator, and Chemistry Coordinator will report to the Technical Services Area of the McGuire/Catawba CMC for Catawba or McGuire or the Oconee CMC for Oconee.

Off-Site Dose Assessment Director and Group

Activation of the Off-site Dose Assessment group will be in the Off-site Dose Assessment Area or the Off-site Monitoring Area of the McGuire/Catawba CMC or at the Oconee CMC in Clemson, SC for Oconee, except for the System Environmentalist, Radioanalysis Coordinator, Dosimetry Coordinator, and Radiological Projects Coordinator. The System Environmentalist is contacted for call tree activation only. The Radioanalysis Coordinator, Dosimetry Coordinator, and Radiological Projects Coordinator report to the Applied Sciences Center near McGuire.

READINESS FOR CMC ACTIVATION

It is not necessary to have every position in the organization staffed before CMC activation. The Radiological Assessment Manager should notify the Recovery Manager that the group is ready for CMC activation when he is staffed and capable of performing emergency duties. The Radiological Assessment Manager is required to be staffed within 75 minutes after an emergency is declared that requires CMC activation.

Any person who has consumed alcohol within the past 5 hours shall notify the Recovery Manager. The Recovery Manager or his designee will determine whether the person is fit to perform emergency duties. (This is not required if this determination was already made via telephone.)

V. FACILITIES, EQUIPMENT, AND RESOURCES

Facilities - The Radiological Assessment Group is located in the Crisis Management Center. The CMC location for Oconee Nuclear Station is in Clemson, SC. The CMC location for McGuire and Catawba Nuclear Stations is in the General Office. The Technical Services Section will operate out of the Technical Services Area of the McGuire/Catawba CMC or the Oconee CMC for Oconee. The Off-Site Dose Assessment Director and his section will operate out of the Off-site Dose Assessment Area or the Off-site Monitoring Area of the McGuire/Catawba CMC or at the Oconee CMC for Oconee.

Equipment and Resources

1. Communication

Standard telephones are available using commercial telephone networks or the Duke Power microwave. If any of these systems are out-of-service, notify the Administration and Logistics Group. Emergency telephone directories are found in the Crisis Management Implementing Plans, CMIP-8 for Oconee and CMIP-9 for Catawba and McGuire. Copies of these directories are kept in all CMC locations.

2. Technical and Professional Personnel

Once the initial emergency conditions are mitigated, a long term recovery plan will be implemented. Long term recovery efforts will be supported by the organization of technical and professional staff as outlined below.

a. Radiation Protection

(1) Coordinator - 1

(2) ALARA Planning/Engineering/Radwaste

For RP Organization:
(a) D. L. Vaught
(b) M. S. Terrell
(c) 1 Vendor supplied engineer/professional

For Oconee:
(a) L. D. Schlise
(b) 2 Vendor supplied engineer/professionals

For Catawba:
(a) P. Huntley
(b) 2 Vendor supplied engineer/professionals

For McGuire:
(a) M. D. Thorne
(b) 2 Vendor supplied engineer/professionals

(3) Dosimetry Service

(a) 1 Technician Oconee, McGuire, or Catawba supplied
(b) 3 Clerks Oconee, McGuire, or Catawba supplied
(c) 2 Clerks Vendor supplied

(4) General Employee Training and Respiratory Fitting

(a) Production Support Department

(5) Instrument Calibration (long term)

(a) 2 Technicians Oconee, Catawba, or McGuire supplied.

(6) Shipping/Receiving

(a) R. L. Wilson
(b) 2 Technicians Oconee, McGuire, or Catawba supplied

b. Chemistry

(1) Coordinator - 1

(2) Planning/Engineering

(a) M. K. Johnson
(b) L. E. Loucks

(3) Data Evaluation

(a) R. Clark (Design Engineering)
(b) 1 Westinghouse representative for McGuire
(c) 1 B&W representative for Oconee

(4) Special Projects and Alternates

(a) D. P. Rochester
(b) P. W. Downing

(5) Sample Collection

10 Technicians Oconee, Catawba, or McGuire supplied

3. Equipment and Supplies

a. Computer input/output capability including dedicated phone lines

b. Calculators - batteries, chargers

c. Stationery Supplies

d. Recorders - extra tapes, batteries, chargers

e. Floor plans of station - projected radiation levels electrical outlets breathing air header outlets instrument air header outlets demineralized water outlets sampling locations radiation monitor location high radiation area doors

f. Flow Diagrams of Processing Capabilities including storage capacity

g. System Descriptions for waste and ventilation systems

h. Technical Specifications and 10CFR, 49CFR, State Reg.

i. Elevator Capacities and Floor Loading

j. Station Organization Charts - names and phone numbers

k. Emergency mobile counting capabilities

l. Lists of vendor/utility contacts for services, equipment and supplies

m. HPN telephone

4. Radiological Assessment Emergency Kits

A Radiological Assessment Emergency Kit is located in the Oconee CMC. The purpose of this kit is to provide equipment to monitor for CMC habitability.

VI. EMERGENCY CLASSIFICATION

After the CMC is activated, the Recovery Manager is responsible for emergency classification. The Radiological Assessment Manager will provide assistance in determining the appropriate emergency classification.

Procedures to be used in classifying the emergency are found in the procedures cabinet at the CMC.

VII. PROTECTIVE ACTION RECOMMENDATIONS

In a Site Area Emergency or General Emergency, the Recovery Manager may need to make Protective Action Recommendations to off-site agencies. The Protective Action Recommendation Flow Chart, found in Figure 14, should be used by the Off-site Dose Assessment Group in developing recommendations for the Radiological Assessment Manager based upon off-site radiological conditions. Recommended protective actions based on radiological concerns will be provided to the Radiological Assessment Manager by the Off-site Dose Assessment Director by using Figure 15 for Catawba, Figure 16 for McGuire, or Figure 17 for Oconee. The Plant Assessment Manager will also develop protective action recommendations based upon core and containment conditions. The Radiological Assessment Manager and the Plant Assessment Manager should confer regarding their recommendations when presenting them to the Recovery Manager.

VIII. COMMUNICATION OF RADIOLOGICAL INFORMATION

During an emergency, dose projections, meteorological data, etc. must be communicated to the states and counties in a timely manner. The Off-Site Dose Assessment Group is responsible for providing this information to the Emergency Communications Group. The Emergency Communications Group is responsible for transmitting the information to states and counties using the pre-planned format. The following describes the procedure for ensuring that appropriate radiological information will be provided to the Emergency Communications Group:

1. The Dose Assessment Coordinator will provide the Off-Site Dose Assessment Director with the results of current dose projections by either completing as much of Items 9 through 14 on the Emergency Notification Form as practical or by providing a computer printout containing the information in the same format.

2. The Off-Site Dose Assessment Director will decide whether the information should be released to the states and counties. (In general, hypothetical dose projections should not be released. Only dose projections regarding actual or imminent releases should be released to states and counties.) If approved for release, the Off-Site Dose Assessment Director will sign the report.

3. The Off-Site Dose Assessment Director will give the report to the State/County Communicator. The State/County Communicator may use the computer printout to complete items 9-14 of the Emergency Notification Form.

4. A copy of the report will be given to the Radiological Assessment Manager.

5. If questions arise, the states may be directed to call the Off-site Dose Assessment Director or the Radiological Assessment Manager directly.

6. Field measurements shall be provided verbally to the State Radiation Protection Group. This may be accomplished by communicating with the state representative at the CMC, if applicable, or by calling the State Emergency Operations center.

IX. DEFINITION OF RADIOLOGICAL RELEASE

To determine whether to report that a release has occurred, consider the following definition (Re: November 30, 1989 letter from Hal B. Tucker to Stewart D. Ebneter of NRC Region II, Subject: Followup on McGuire Alert, March 7-8, 1989):

During a declared emergency, any quantifiable, unplanned radioactive releases associated with the event which are within regulatory limits for normal plant operation will be reported on emergency notification forms and in press releases, putting such radioactive releases in proper perspective in these communications.

X. LONG RANGE RECOVERY FUNCTIONS

The Radiological Assessment group plays a vital role in recovery from a major incident.

The group responsibilities during recovery be will in:

a. Direct chemistry and radiochemistry support

b. Coordinate sample analysis

c. Implement radiological work control checklists

d. Assure regulatory compliance in radwaste storage

e. Radwaste reduction

f. Maintaining budgetary control in these areas.

XI. PROCEDURE REFERENCE

The following procedures are carried out by the referenced coordinators during an incident:

Dose Assessment Coordinator

EDA-1	Procedure for Estimating Food Chain Doses Under Post Accident Conditions
EDA-2	Off-site Dose Projections for Catawba Nuclear Station
EDA-3	Off-site Dose Projections for McGuire Nuclear Station
EDA-4	Off-site Dose Projections for Oconee Nuclear Station
EDA-5	Mesorem, Jr. Atmospheric Dispersion and Dose Assessment Model User's Manual, Version 4A Catawba
EDA-6	Mesorem, Jr. Atmospheric Dispersion and Dose Assessment Model User's Manual, Version 4A McGuire
EDA-7	Mesorem, Jr. Atmospheric Dispersion and Dose Assessment Model User's Manual, Version 4A Oconee

Field Monitoring Coordinator

EDA-8	Environmental Monitoring for Emergency Conditions for Catawba Nuclear Station
EDA-9	Environmental Monitoring for Emergency Conditions for McGuire Nuclear Station
EDA-10	Environmental Monitoring for Emergency Conditions for Oconee Nuclear Station

Figure 1
CMC EMERGENCY ACTIVATION MESSAGE

If the CMC is to be activated, the Duty Engineer uses this form to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members according to the group's Crisis Management Implementing Procedure.

Message

1. I am notifying you of a drill/actual emergency at _____ Nuclear Station.

2. Have you consumed alcohol within the past 5 hours? (If "no", skip to item 3. If "yes", ask the following questions, and use judgement to determine whether the person is fit for duty.)

   (a) What did you consume?
   (b) How much did you consume?
   (c) Can you perform your duties unimpaired?
   (d) Can you drive safely?

3. You should use the procedure for your CMC group to notify your portion of the Crisis Management Center Organization and report to:

   _____ the Catawba/McGuire CMC (Power Building)

   _____ the Oconee CMC

Figure 2

RADIOLOGICAL ASSESSMENT GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
MANAGER	W. A. Halley	704/373-8506	[redacted]
Alternates:	R. T. Simril	704/373-5166	(Local call from Charlotte)
	R. C. Futrell	303/831-3665	[redacted]
	J. E. Cole	704/373-4121	
	John S. Carter	704/373-2310	
	R. E. Harris	803/86[illegible]-3419	
TECHNICAL SERVICES DIRECTOR			
Primary:	R. W. Eaker	704/373-4373	
Alternates:	D. T. Parsons	803/831-3407	
	Ken Johnson	704/373-5486	
	David Vaught	803/831-3079	
	Jim Twiggs	704/373-2802	
	Lance Loucks	704/373-2377	
	H. F. McInvale	704/382-1027	
RESOURCE COORDINATOR	L. Jarnagin	704/373-7786	
RADIATION PROTECTION COORDINATOR	D. T. Parsons	803/831-3407	
Alternates:	J. A. Twiggs	704/373-2802	
	H. F. McInvale	704/382-1027	
DOSIMETRY COORDINATOR (support function only)	W. M. Carter	704/875-5342	
Alternate:	E. A. Bollinger	704/875-5343	
CHEMISTRY COORDINATOR	M. K. Johnson	704/373-5486	
Alternates:	L. E. Loucks	704/373-2377	

Figure 2 (cont'd)

RADIOLOGICAL ASSESSMENT GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
CHEMISTRY COORDINATOR (continued)			
	P. W. Downing	704/373-7060	
	Mary B. Vaught	704/373-7717	
	J. W. Brambl[illegible]ett	704/373-2027	
	N. R. Walker	704/373-5495	
RADIATION PROTECTION SUPPORT			
	M. D. Thorne	803/[illegible]85-3210 (2519)	
	P. G. Huntley	704/875-4045	
	J. H. Schulte	704/373-3143	
CHEMISTRY SUPPORT			
	D. P. Rochester	704/373-2649	
	C. J. Crosby	704/373-6047	
	C. L. Hathcock	704/373-5059	
	L. A. Wilson	704/388-0510	
OFF-SITE DOSE ASSESSMENT DIRECTOR			
Primary:	W. M. Funderburke	704/373-[illegible]504	
Alternates:	R. E. Sorber	704/373-7259	
	W. Brad McRee	704/373-5149	
	C. F. Lan	704/373-5691	
	D. T. Parsons	803/831-3407	
	D. L. Vaught	803/831-3070	
	R. L. Wilson	704/373-8564	
	M. S. Terrell	704/373-2318	

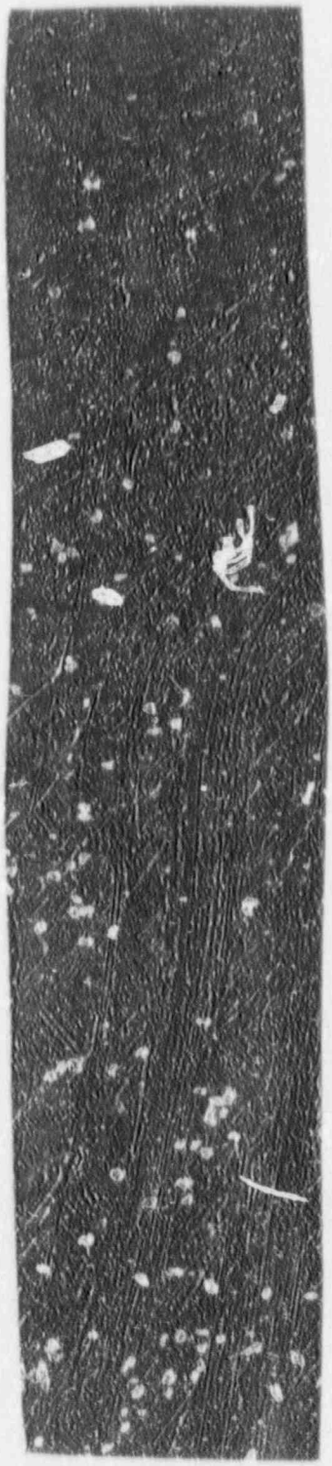


Figure 2 (cont'd)

RADIOLOGICAL ASSESSMENT GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
FIELD MONITORING COORDINATOR			
Call the individuals denoted below with an asterisk (*) first.			
Individual should be notified to activate CMC, and will be the FMC until the primary arrives. There should be two (2) CMC FMC's per shift.			
Primary: (MNS or ONS)	C. V. Wruy (MNS or ONS)	803/831-3349	
Primary: (CNS)	K. L. Murray (CNS or ONS)	704/875-4672	
Primary: (cont.)	S. L. Morgan (CNS or MNS)	803/885-3213	
Alternates:	G. L. Johnson (CNS or ONS)	704/875-4483	
	B. N. Kimray (ONS or MNS)	803/831-3357	
	G. M. Harrison (ONS or CNS)	704/875-4000	
	J. M. Ferguson* (All)	704/373-8083	
	G. F. Terrell* (All)	704/373-8899	
	J. G. Twiggs*	704/373-8897	
	M. A. Ruhe*	704/373-2374	

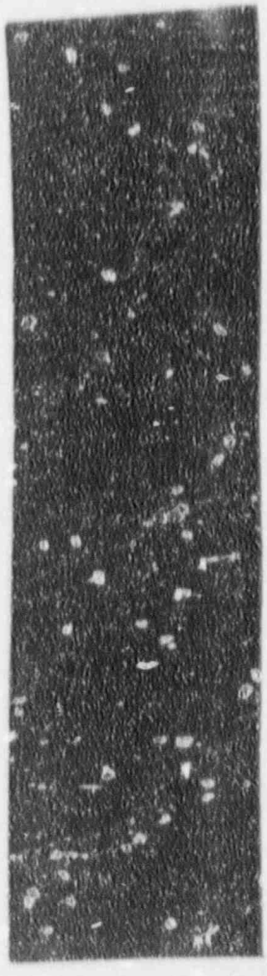
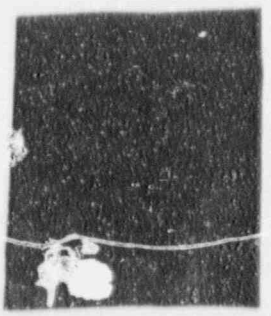


Figure 2 (cont'd)

RADIOLOGICAL ASSESSMENT GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
RADIOLOGICAL AND ENVIRONMENTAL SERVICES COORDINATOR (support function only)			
Primary:	M. D. Lane (All)	704/875-5335	
Alternate:	D. E. [illegible] (All)	704/875-5349	
	G. G. McNeil (All)	704/875-5351	



DOSE ASSESSMENT COORDINATOR

Call the individuals denoted below with an asterisk (*) first.

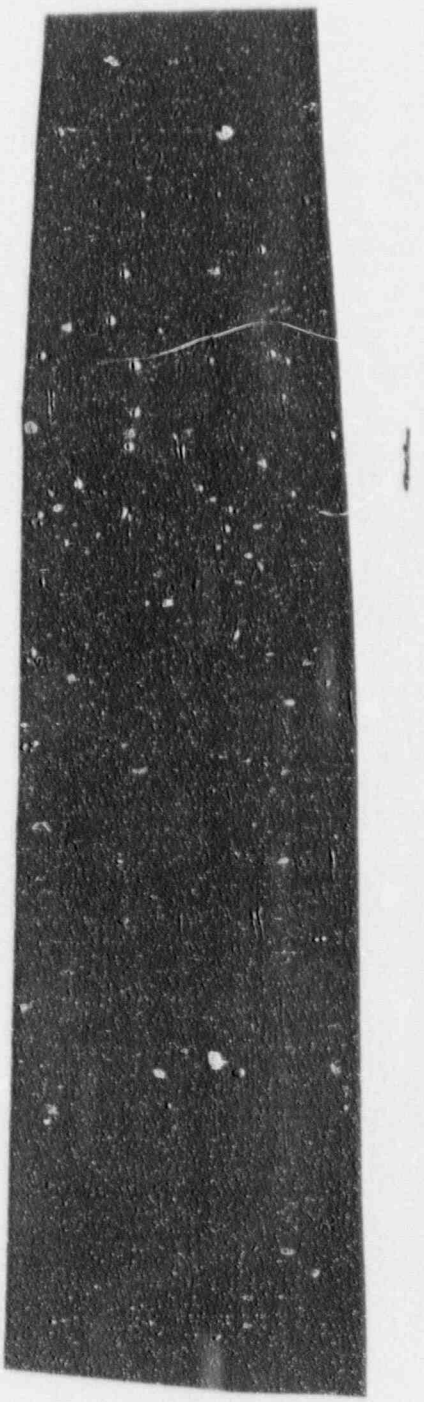
Individual should be notified to activate CMC, and will be the DAC until the primary arrives.

Primary: (MNS or ONS)	G. L. Courtney (MNS or ONS)	704/382-0354
Primary: (CNS)	W. F. Byrum (CNS or ONS)	704/875-4674
Alternates:	C. D. Martinec (CNS or ONS)	704/875-4669
	G. T. Johnson (CNS or ONS)	704/875-4489
	L. E. Haynes (CNS or ONS)	704/373-5916
	S. A. Coy (MNS or CNS)	803/885-3202
	D. J. Berkshire (MNS or CNS)	803/885-3341
	R. E. Sorber* (All)	704/373-7259

Figure 2 (cont'd)

RADIOLOGICAL ASSESSMENT GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
DOSE ASSESSMENT COORDINATOR (continued)			
Alternates:	J. M. Stewart* (All)	704/373-5444	
	R. L. Wilson* (All)	704/373-8564	
	C. F. Lan* (All)	704/373-5691	
	D. N. Mei* (All)	704/373-7547	
	C. D. Ingram* (All)	704/373-5444	
	B. P. Cripe* (MNS or ONS)	803/831-3425	
	J. R. Thornton (ONS)	704/382-1995	
	D. L. Allen* (All)	704/373-2292	
	E. H. Wehrman (MNS or CNS)	803/885-3207	
	E. N. Brown, Jr. (MNS or CNS)	803/885-3203	
	J. C. Bigham (ONS)	704/373-7498	
	H. E. Vanpelt (MNS)	704/373-4015	
	M. V. Costello (CNS)	704/373-7781	
	J. I. Glenn (All)	704/373-4127	



DOSE ASSESSMENT CALCULATORS

Same list of individuals as Dose Assessment Coordinator

NOTE: Each shift may require up to 5 dose assessment persons, as needed. One person may be assigned to man the HPN phone as necessary.

METEOROLOGISTS

(Depending on need, meteorologists may report to the CMC or remain in their work area.)

Primary:	R. N. Keener	704/594-0289 or 704/875-5263
	M. C. Kinley	704/373-7449

ALTERNATE

G. L. Andrews	704/373-5686
R. B. Baker	704/373-5259
P. D. Keeton	704/373-5765
A. C. Williams	704/373-7996

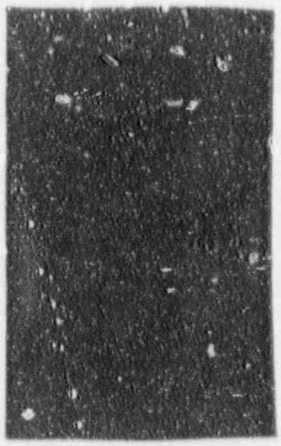


Figure 3

CALL TREE

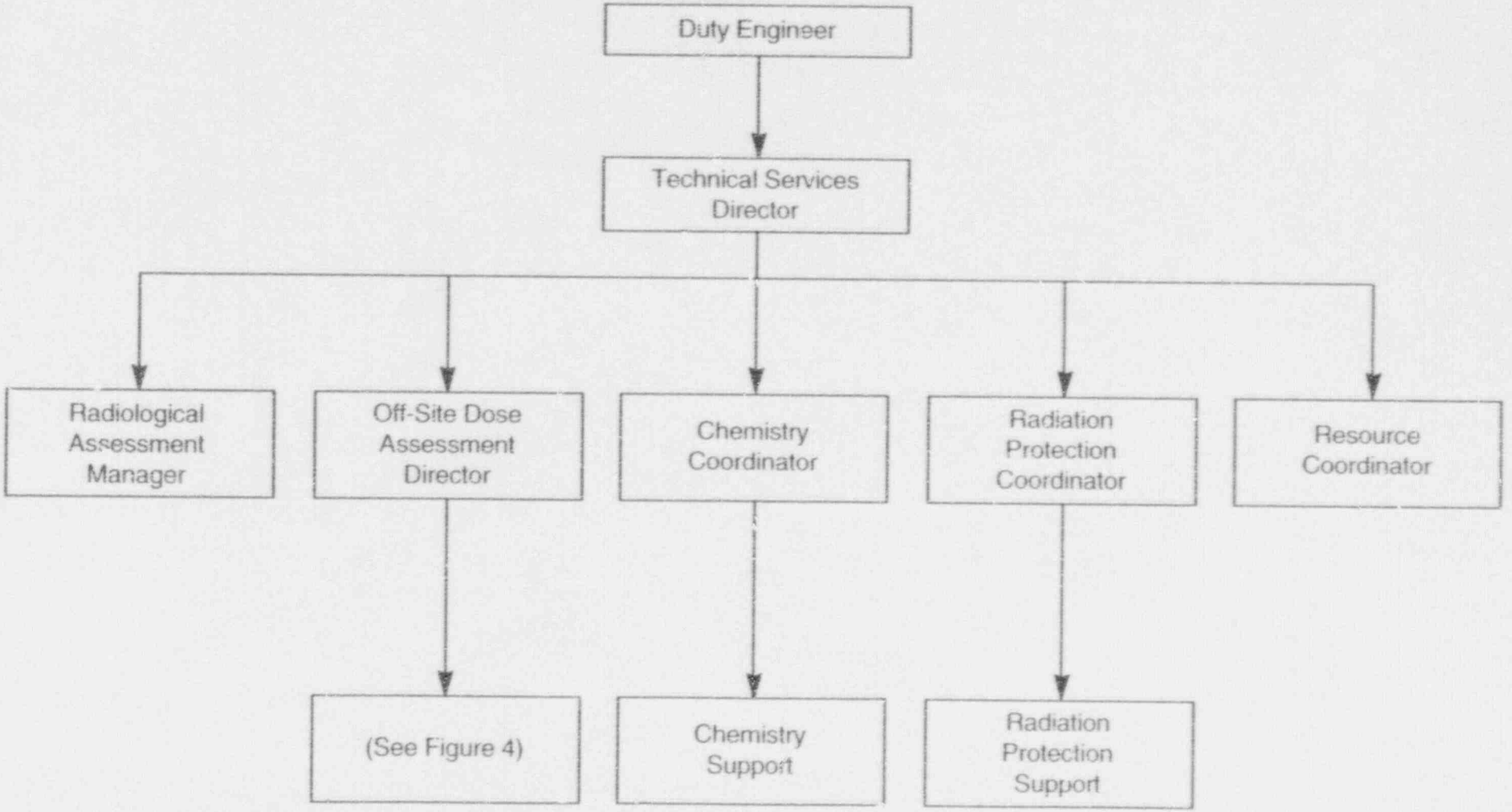
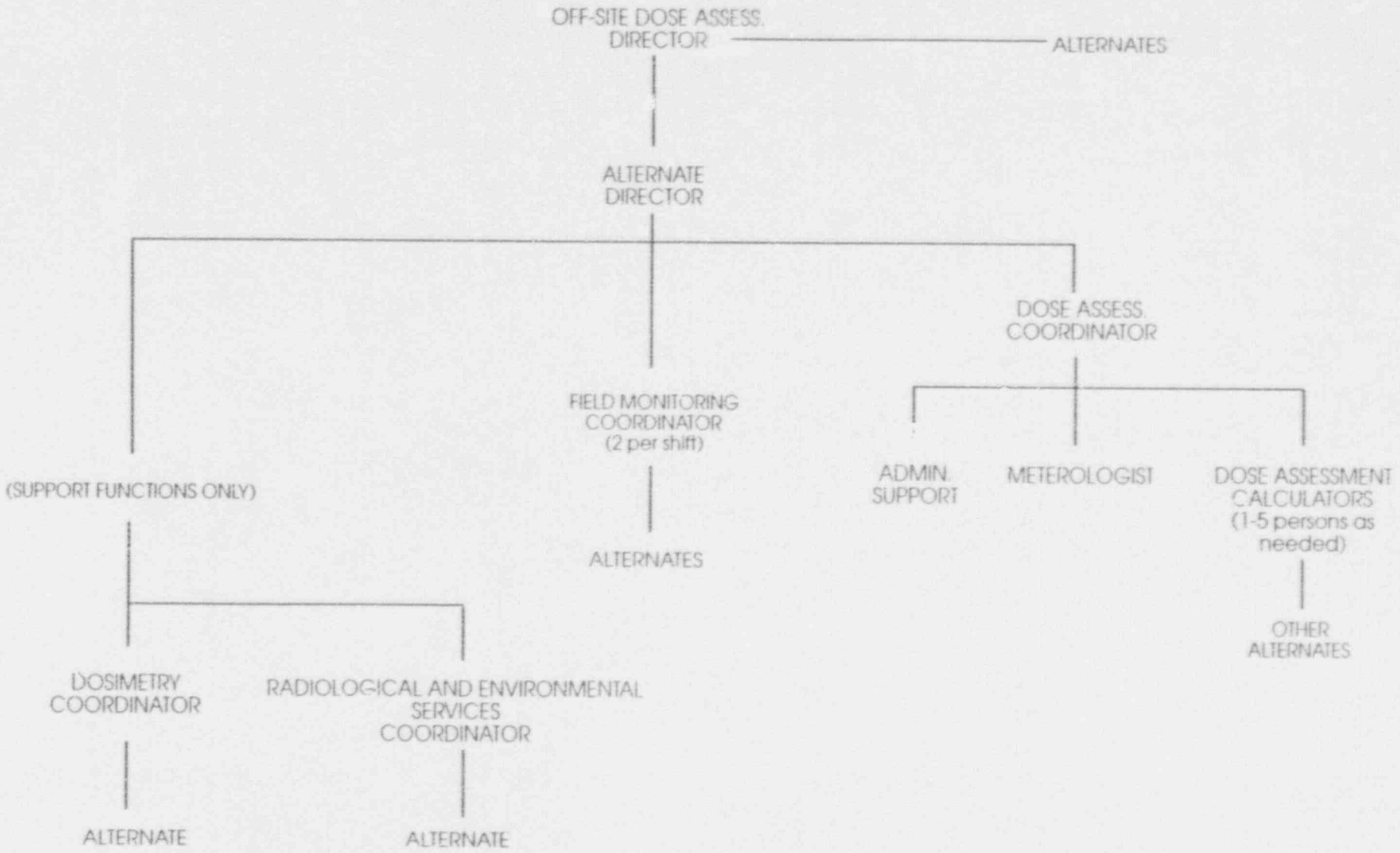


FIGURE 4

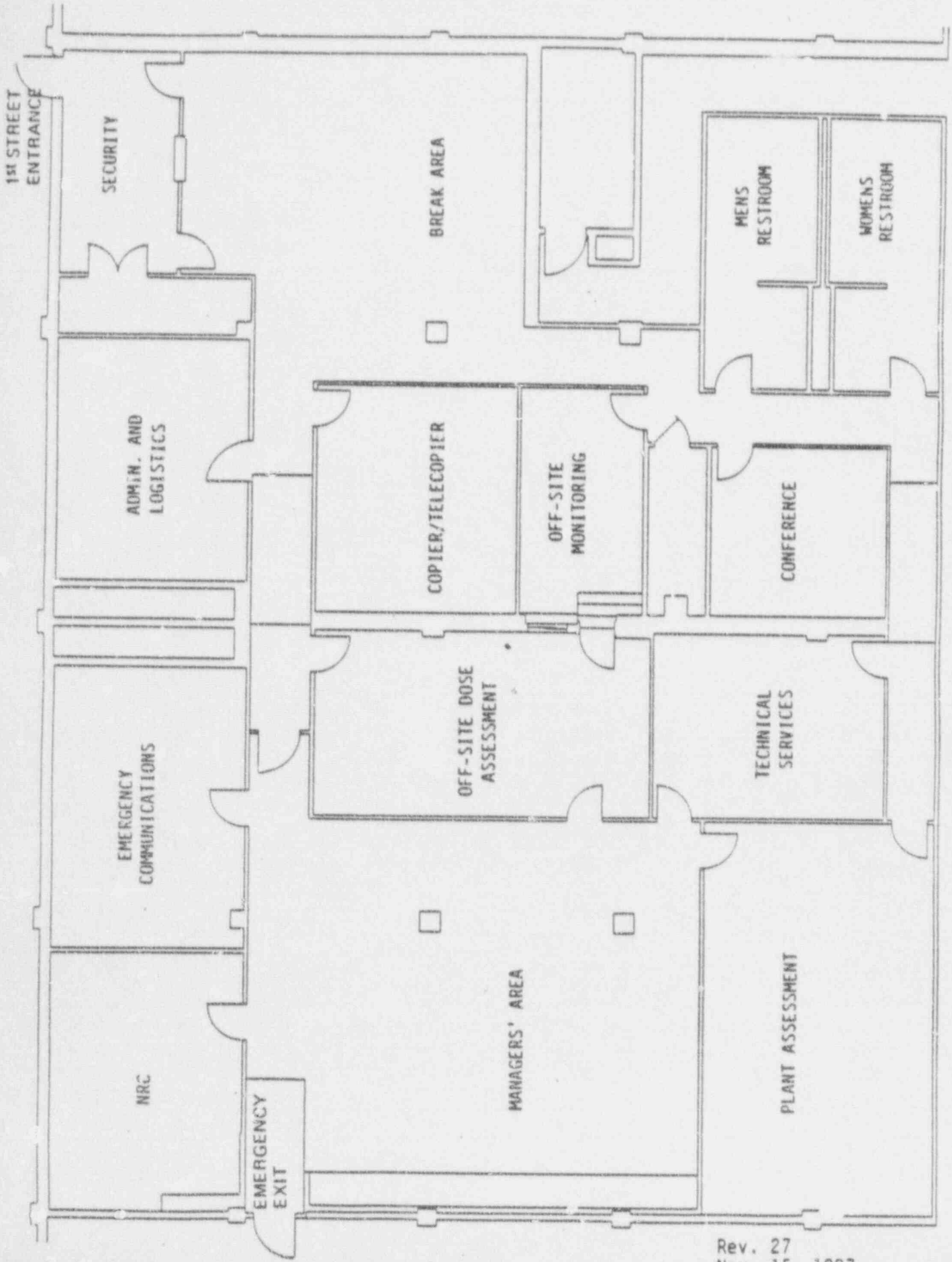
OFF-SITE DOSE ASSESSMENT "CALL TREE"



REVISION 47
MAR. 1, 1992

FIGURE 5

MCGUIRE/CATAWBA CMC LAYOUT



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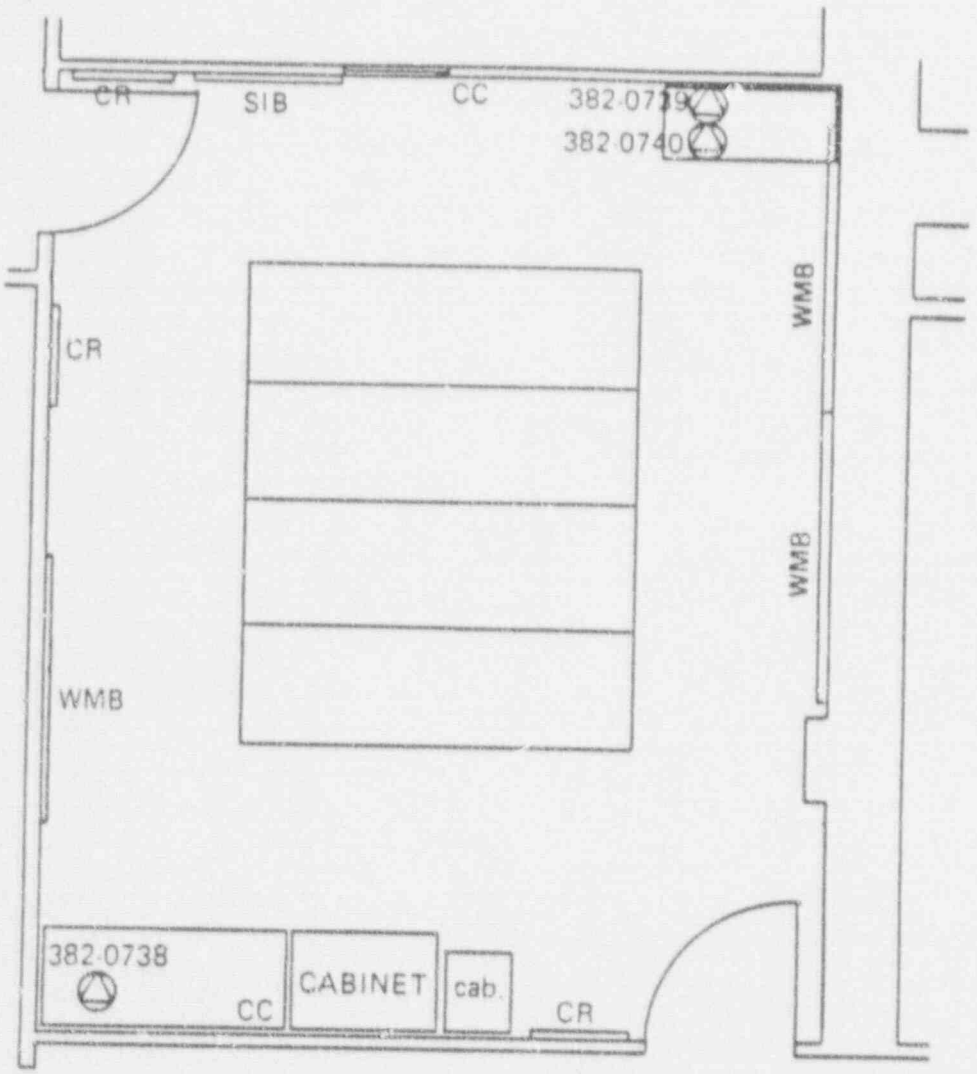
Nov. 15, 1987

Figure 6

McGUIRE/CATAWBA CMC

TECHNICAL SERVICES



SIB	SIGN IN BOARD
WMB	WHITE MARKING BOARD
CR	COAT RACK
⏀	PHONE JACK
CC	COMPUTER CONNECTION
Ⓡ	RADIO JACK

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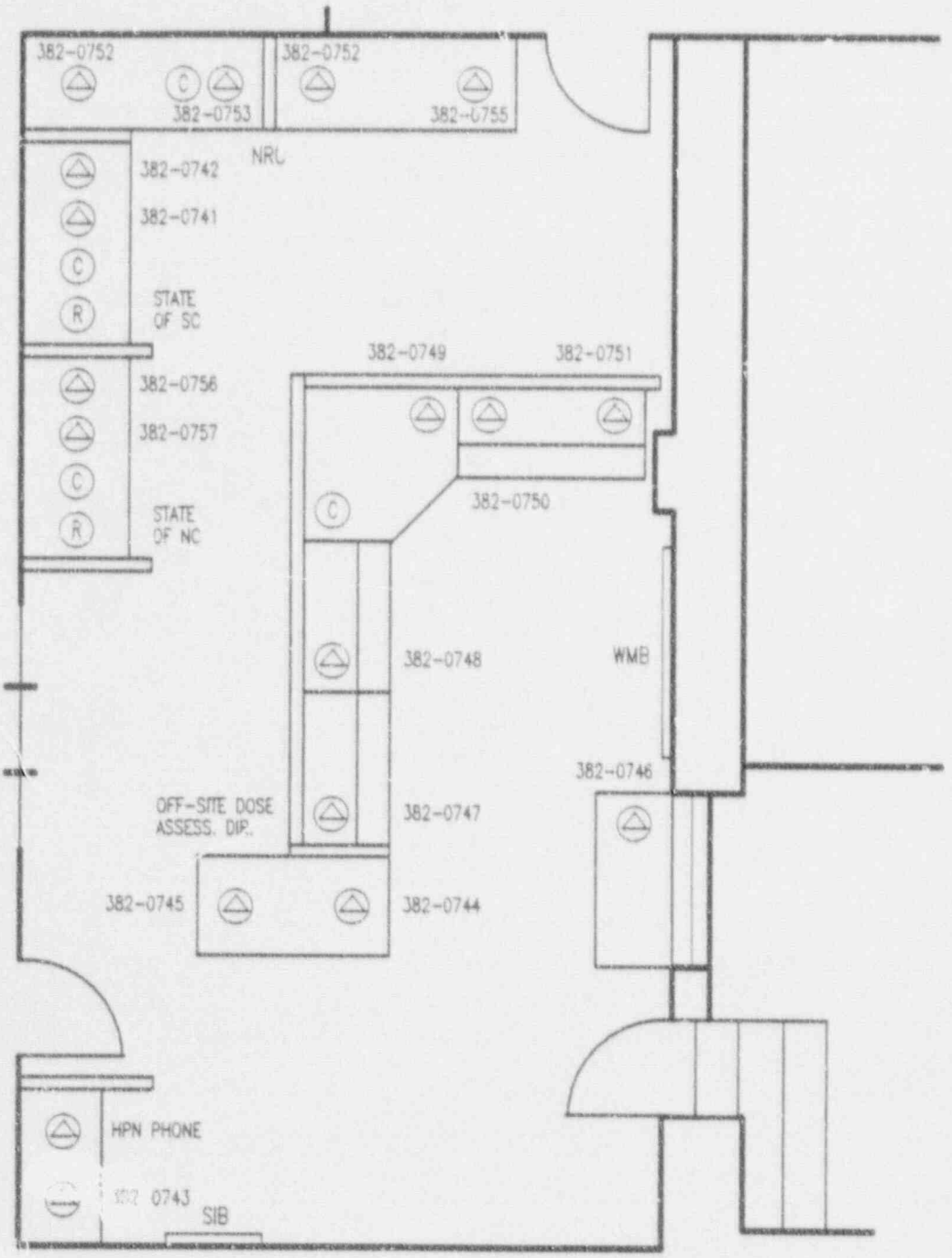
Feb. 8, 1988

FIGURE 7
McGUIRE/CATAWBA CMC
OFF-SITE DOSE ASSESSMENT



SIB SIGN IN BOARD
WMB WHITE MARKING BOARD
CR COAT RACK
PHONE JACK
C COMPUTER CONNECTION
R RADIO JACK

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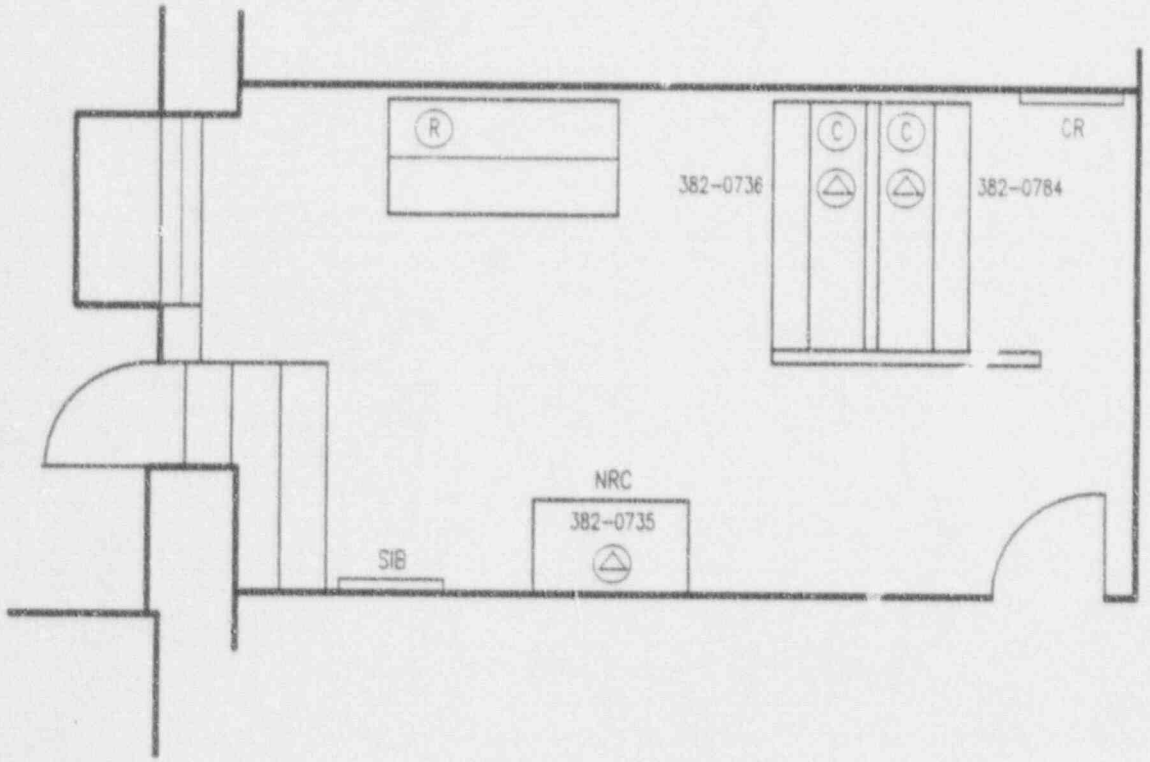
January 2, 1990

FIGURE 8
McGUIRE/CATAWBA EMC
OFF-SITE MONITORING

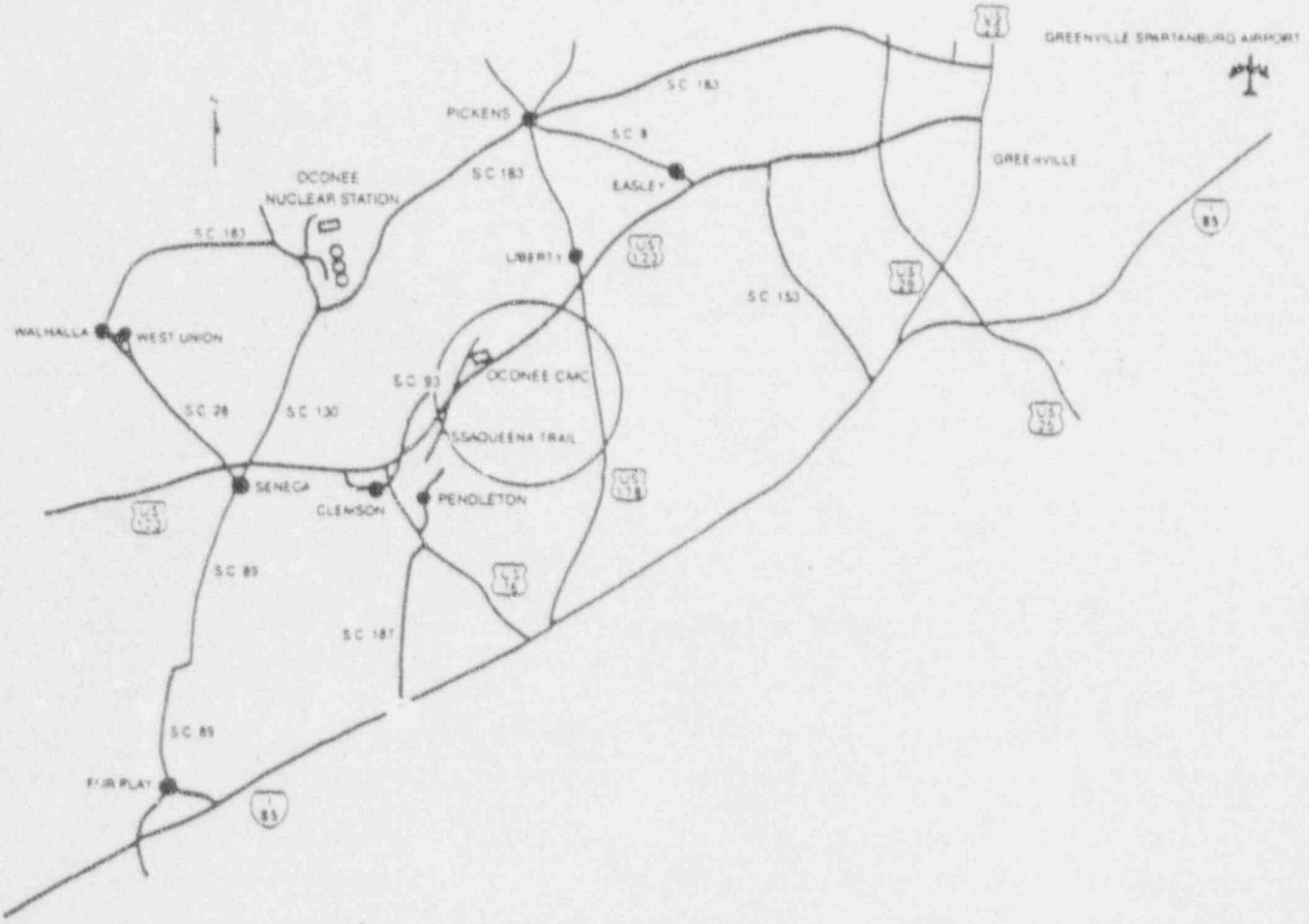


SIB SIGN IN BOARD
WMB WHITE MARKING BOARD
CR COAT RACK
PHONE JACK
C COMPUTER CONNECTION
R RADIO JACK

REV. 37
January 2, 1990

Figure 9

OCONEE CMC
GENERAL LOCATION



From Charlotte:

Take I-85 South to exit 40 (S.C. 153). Go right (toward Easley) about 8 miles to U.S. 123. Go through Easley and continue to the Issaqueena Trail exit. Then go right about 1/4 mile to the CMC.

NOTE: NOT TO SCALE

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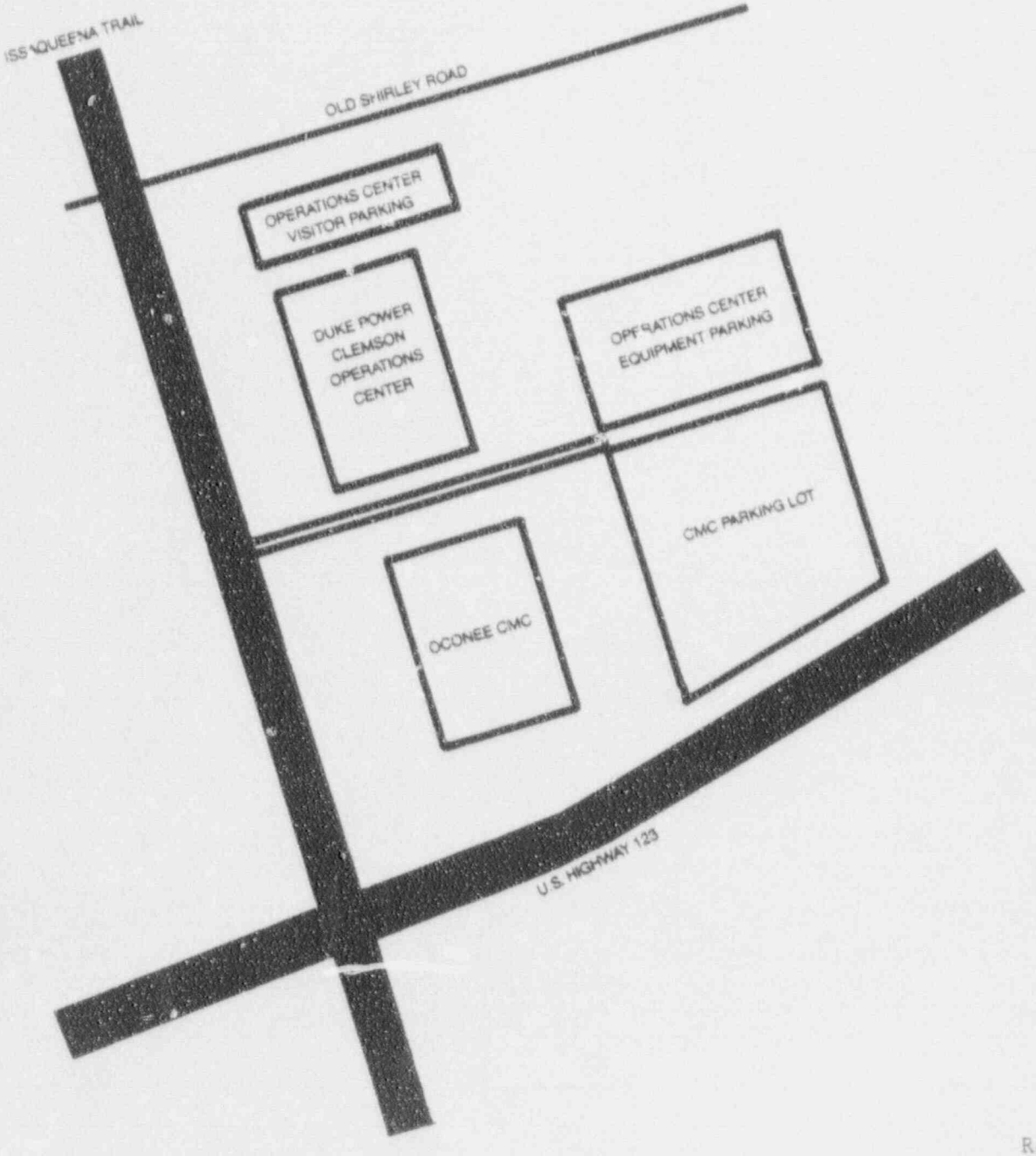
July 1, 1989

Figure 9a

OCONEE CMC GENERAL LAYOUT



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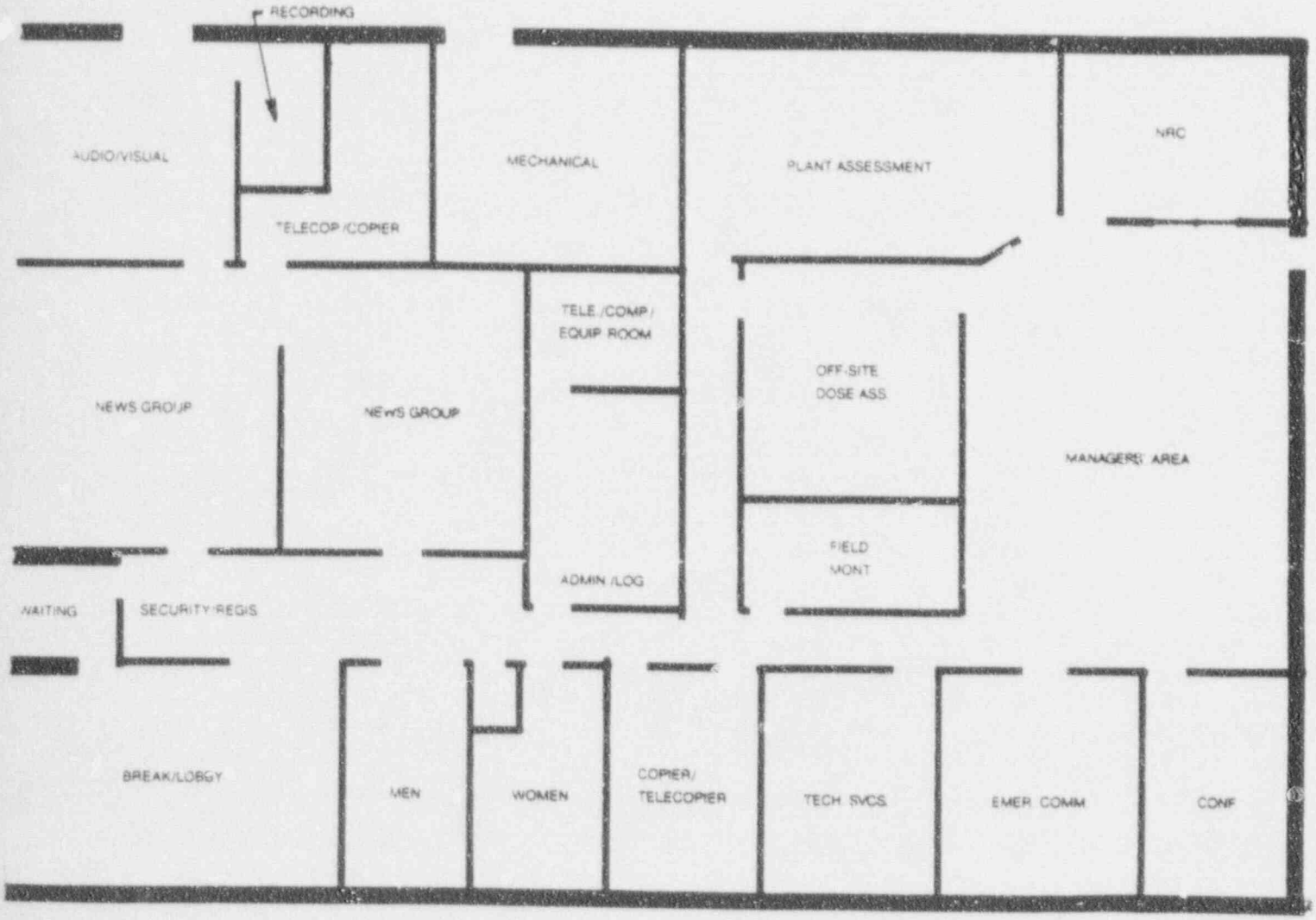
JULY 1, 1989

Figure 10

OCONEE CRISIS MANAGEMENT CENTER
GENERAL ARRANGEMENT



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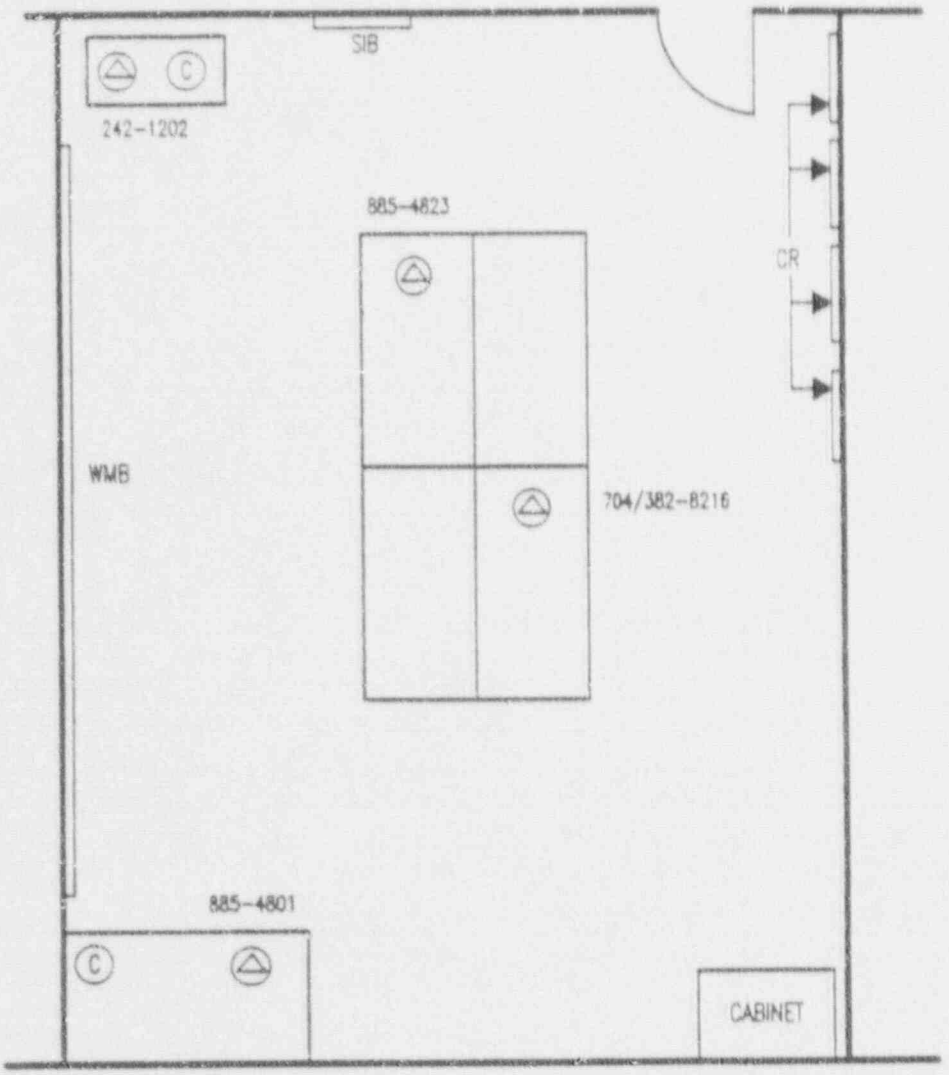
JULY 1, 1989

FIGURE 11
OCONEE CMC
TECHNICAL SERVICES



SIB SIGN IN BOARD
WMB WHITE MARKER BOARD
CR COAT RACK
PHONE
COMPUTER CONNECTION

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.

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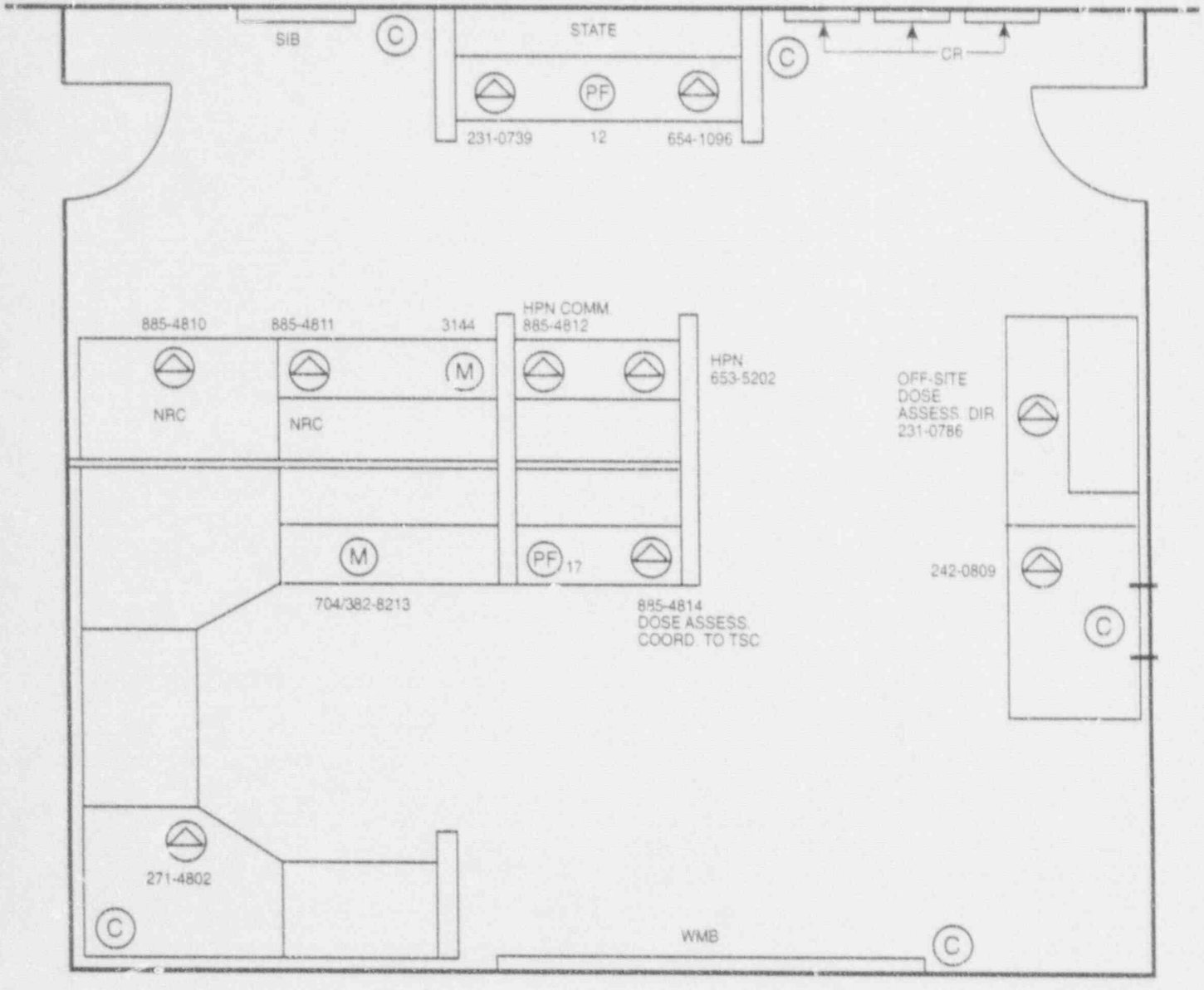
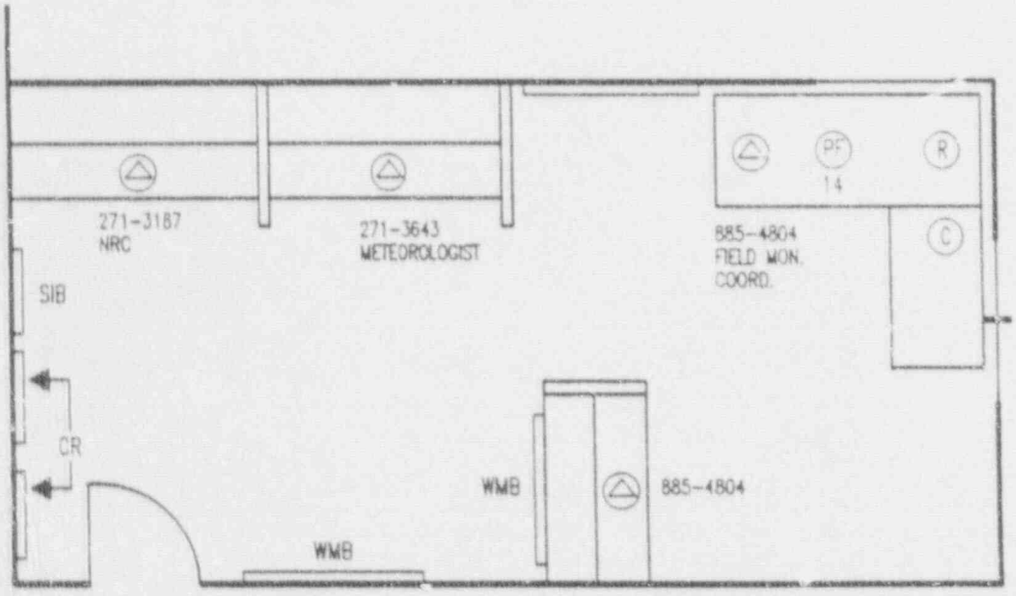
Figure 12
OCONEE CMC
OFF-SITE DOSE ASSESSMENT



SIB	SIGN IN BOARD		PHONE
HPN	HEALTH PHYSICS NETWORK	C	COMPUTER CONNECTION
WMB	WHITE MARKER BOARD	M	MODEM PHONE
CR	COAT RACK	PF	POWER FAIL TRUNK PHONE

NOTE:
ALL PHONE NUMBERS
ARE FOR AREA CODE 803
UNLESS OTHERWISE INDICATED

FIGURE 13
OCONEE CMC
FIELD MONITORING



SIB SIGN IN BOARD

WMB WHITE MARKER BOARD

CR COAT RACK

PHONE

C COMPUTER CONNECTION

R RADIO

PF POWER FAIL TRUNK PHONE

NOTE: ALL PHONE NUMBERS ARE FOR AREA CODE 803 UNLESS OTHERWISE NOTED.

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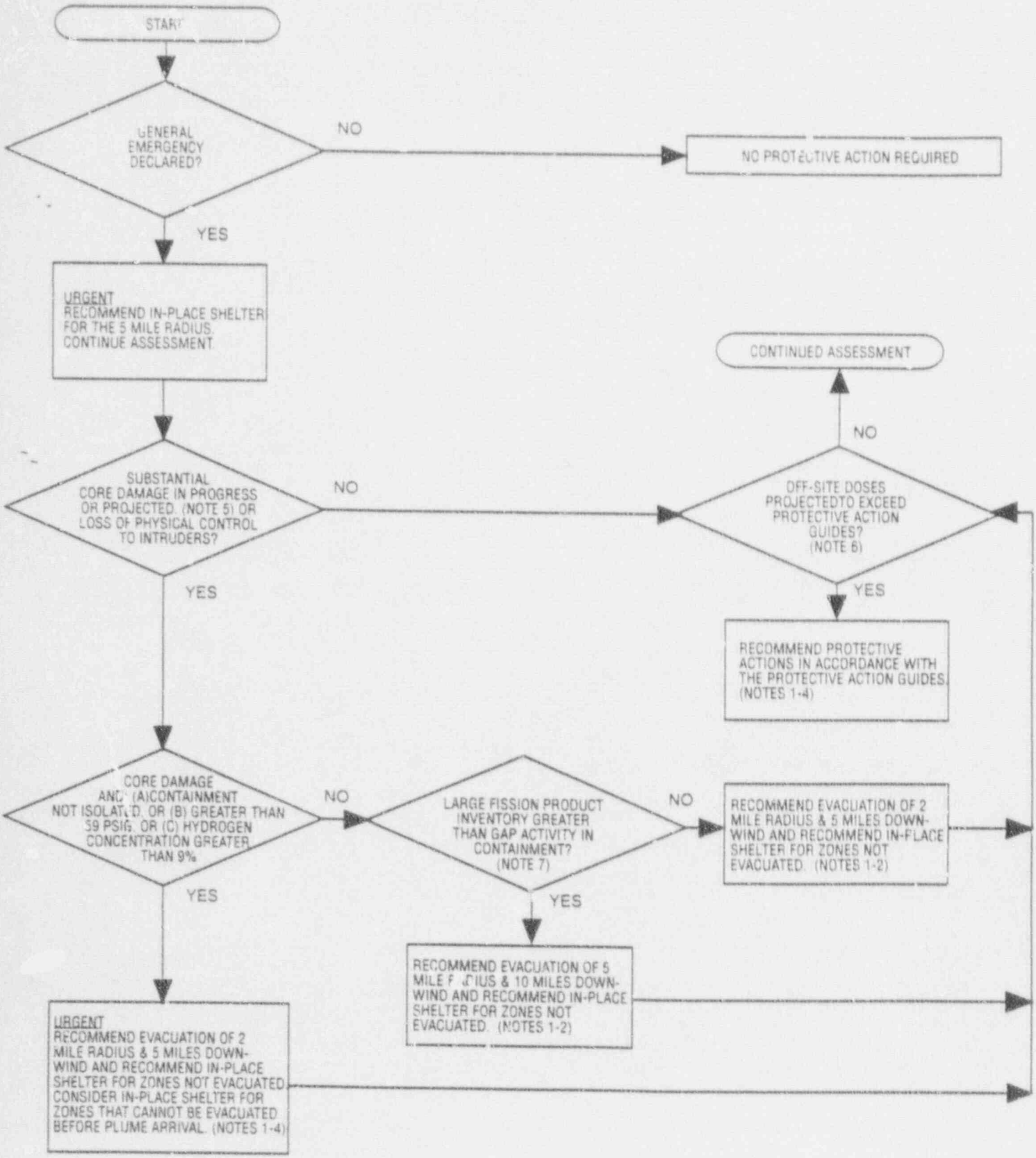
GUIDANCE FOR OFF-SITE PROTECTIVE ACTIONS



GUIDANCE FOR OFF-SITE PROTECTIVE ACTIONS

NOTES:

1. Whenever possible, consult the CMC meteorologist to determine the potentially affected areas. Otherwise, "downwind" should be assumed 90 degrees wide, except assume all directions to be downwind if wind speed is less than 5 mph. For Oconee after 4:00 p.m. and before 10:00 a.m., assume all directions to be downwind.

2. Promptly relocate the population affected by any ground contamination after plume passage.

3. See the Crisis Management Plan, Section J.8 for evacuation time estimates.

4. If in-place shelter is indicated and a release is expected to continue more than 2 hours, evacuation may result in lower doses. Increasing the distance from the plant and reducing the time of exposure would be more effective than in-place shelter.

5. "Substantial core damage" is defined as release of 20% of the gap activity from the core.

6. Determine from dose projections and/or off-site monitoring data. See Page 3 for protective action guides.

7. Fission product inventory inside containment is greater than gap activity if the containment radiation level exceeds the levels in the table below:

For McGuire or Catawba:

TIME AFTER SHUTDOWN (HOURS)	CONTAINMENT MONITOR READING (R/HR)
0	2,340
0 - 2	864
2 - 4	624
4 - 8	450
> 8	265

For Oconee:

TIME AFTER SHUTDOWN (HOURS)	CONTAINMENT MONITOR READING (R/HR) RIA-57	RIA-58
0	9,090	4,100
0 - 2	2,060	923
2 - 4	1,400	626
4 - 8	788	350
> 8	269	118

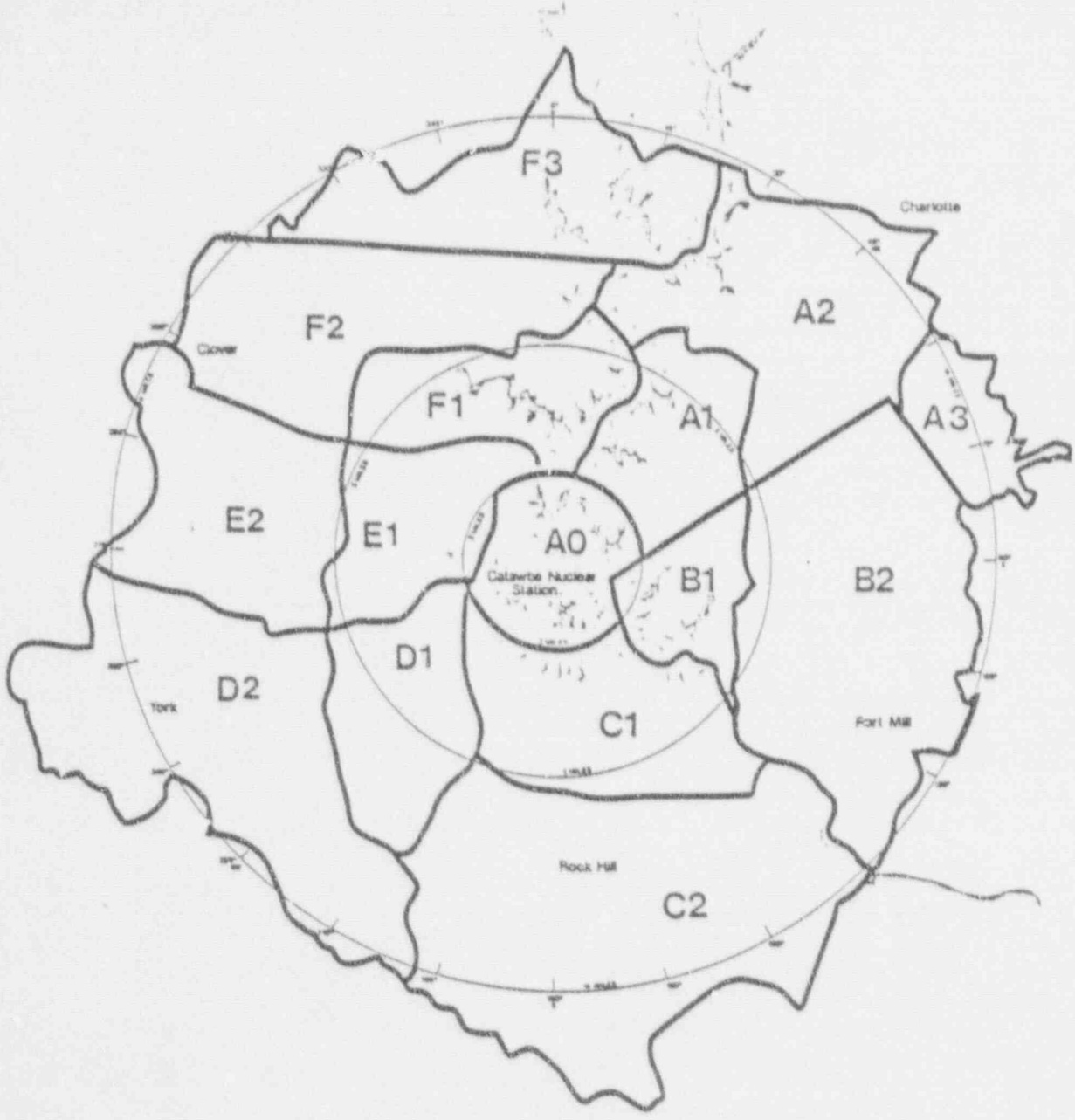
PROTECTIVE ACTION GUIDES

Recommended protective actions to avoid whole body and thyroid dose from exposure to a gaseous plume.

Projected dose (Rem) to the Population	Recommended Actions	Comments
Whole Body <1 Thyroid <5	· No protective action required. · State may issue an advisory to seek shelter and await further instructions or to voluntarily evacuate. · Monitor environmental radiation levels.	Previously recommended protective actions may be reconsidered or terminated.
Whole Body 1 to <5 Thyroid 5 to <25	· Seek shelter and await further instructions. · Consider evacuation particularly for children and pregnant women. · Monitor environmental radiation levels.	Refer to Notes 1-5.
Whole body 5 and above Thyroid 25 and above	· Conduct mandatory evacuation of populations in the affected zones and recommend in-place shelter for the zones not evacuated. · Monitor environmental radiation levels and adjust area for mandatory evacuation based on these levels.	Refer to Notes 1-5. Seeking shelter would be an alternative if evacuation were not immediately possible.

Figure 15 STATION - CATAWBA

RECOMMENDED PROTECTIVE ACTIONS BASED ON RADIOLOGICAL CONCERNS



1. Emergency Involves:

   A. no release
   B. potential release
   C. release is occurring-started _____
      expected duration _____
   D. release has occurred-started _____
      stopped _____

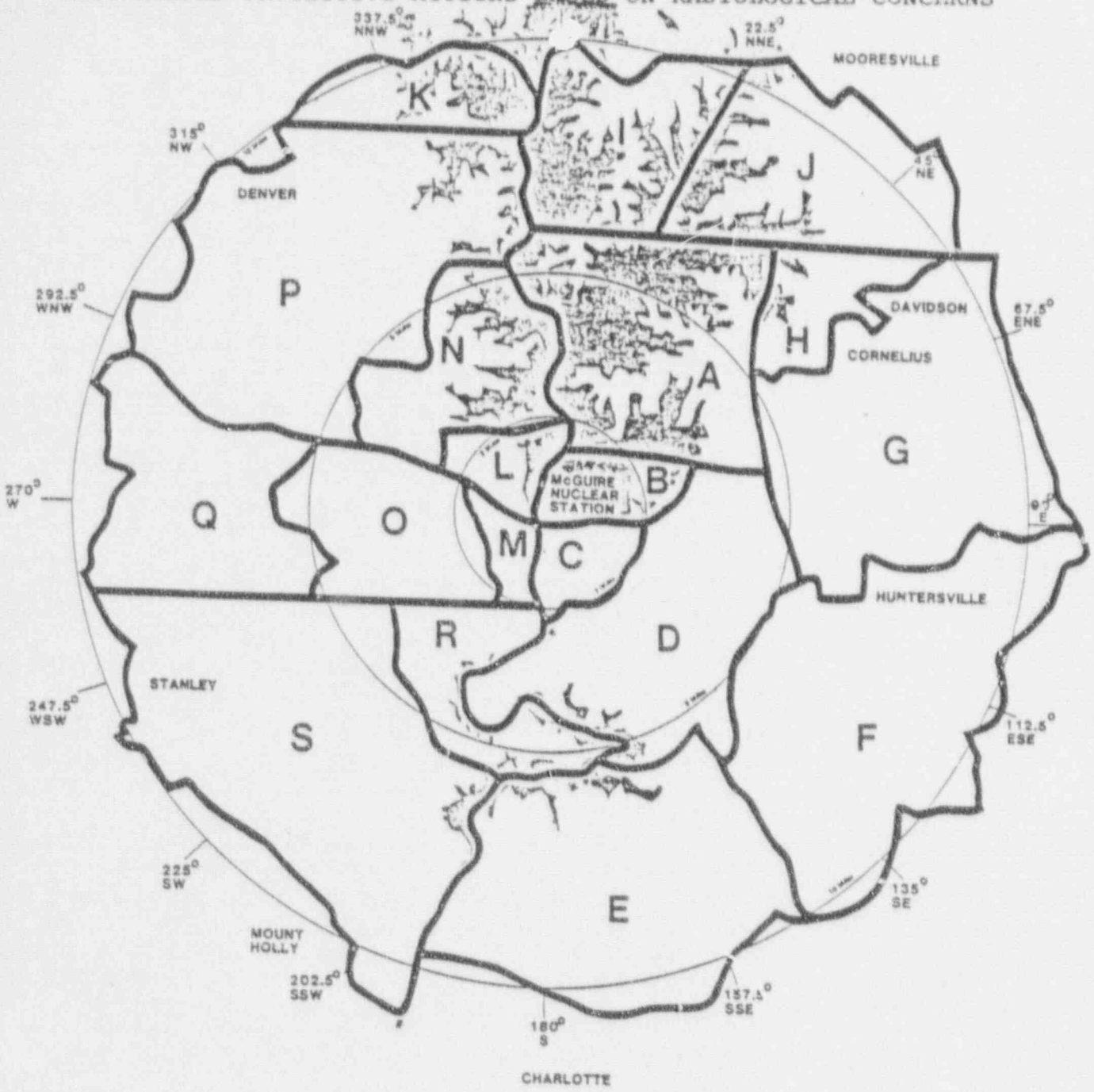
2. Recommended Protective Actions:

   A. no recommended protective actions
   B. shelter _____
   C. evacuate _____
   D. other _____

3. Approved By _____ Time/Date _____

Figure 16 ___ STATION - McGUIRE

RECOMMENDED PROTECTIVE ACTIONS BASED ON RADIOLOGICAL CONCERNS



1. Emergency Involves:

   A. no release
   B. potential release
   C. release is occurring-started _____
      expected duration _____
   D. release has occurred-started _____
      stopped _____

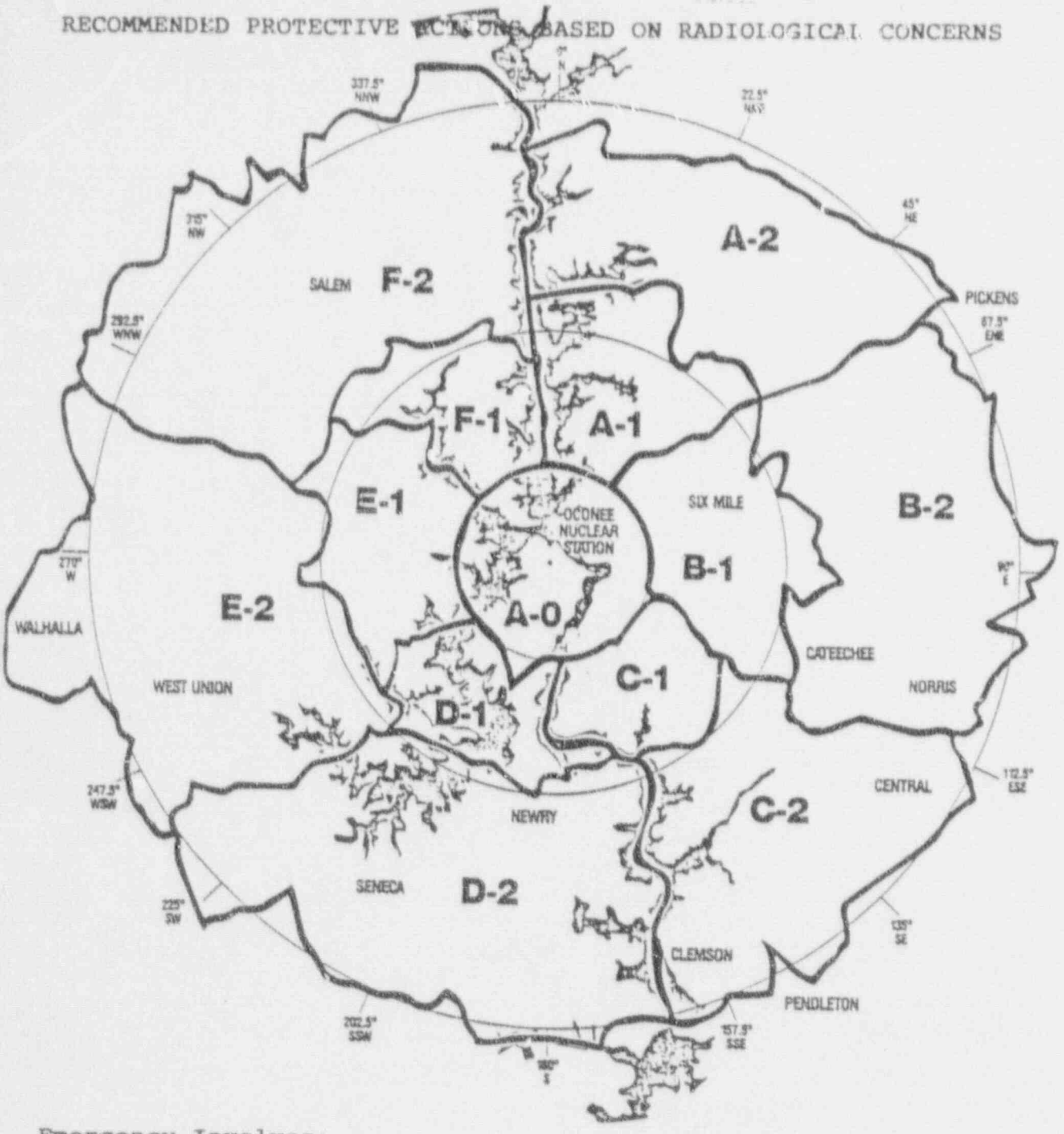
2. Recommended Protective Actions:

   A. no recommended protective actions
   B. shelter _____
   C. evacuate _____
   D. other _____

3. Approved By _____ Time/Date _____

Figure 17 STATION - OCONEE

RECOMMENDED PROTECTIVE ACTIONS BASED ON RADIOLOGICAL CONCERNS



1. Emergency Involves:

   A. no release
   B. potential release
   C. release is occurring-started _____
      expected duration _____
   D. release has occurred-started _____
      stopped _____

2. Recommended Protective Actions:

   A. no recommended protective actions
   B. shelter _____
   C. evacuate _____
   D. other _____

3. Approved By _____ Time/Date _____

FIGURE 18

OFFSITE DOSE ASSESSMENT / ACTIVATION AND TURNOVER / CHECKLIST AND SCHEDULE

STATION _____ DATE _____

ODAD and subordinates are to schedule replacement personnel in time to ensure availability. Check names when personnel arrive in CMC.

	SHIFT START	SHIFT START	SHIFT START
Offsite Dose Assessment Director			
Dose Assessment Coordinator			
Dose Assessment Calculators			
(minimum of two)			
Administrative Support			
Field Monitoring Coordinator			
Meteorologist			
Radio Operator			
HPN/Plant Assessment Communicator			
Radioanalysis Coordinator			
Radiological Projects Coordinator			

Incoming ODAD initials-each box as criteria are met.

Dose Assessment Procedures Ready for Use	☐	☐	☐
Dose Assessm. /Station Communication Established	☐	☐	☐
Dose Assessment Computers Operating	☐	☐	☐
Status of Dose Calculations in Progress	☐	☐	☐
Dose Assessment Deadlines and Commitments	☐	☐	☐
Plant Status Update	☐	☐	☐
Field Mntrng./Station/Teams Communication Estd.	☐	☐	☐
Radio Operational	☐	☐	☐
Field Monitoring Status	☐	☐	☐

Problems _____ _____ _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Other _____ _____ _____ _____

_____

This form is an aid and convenience for the ODAD. Completion of all blanks may not be applicable.

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Sept. 1, 1983

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Tab	Procedure Description
CMIP-8	Reserved For Future Use
CMIP-9	McGuire/Catawba Crisis Phone Directory (Rev. 42)
CMIP-10	Reserved For Future Use
CMIP-11	Reserved For Future Use
CMIP-12	Reserved for Future Use
CMIP-13	Notifications to States and Counties from the Crisis Management Center (Rev. 27)
CMIP-14	Crisis Management Data Transmittal System Access for Offsite Agencies - (Rev. 3)
CMIP-15	Oconee CMC Initial Activation - (Rev. 3)
CMIP-16	Crisis Management Data Transmittal System Access from the Crisis Management Center - (Rev. 11)
CMIP-17	Reserved for future use
CMIP-18	Maintaining Emergency Preparedness (Rev. 6)
CMIP-19	Communications Test for McGuire/Catawba CMC (Rev. 17)
CMIP-20	Communications Test for Oconee CMC (Rev. 11)
CMIP-21	Quarterly Inventory Equipment Check (Rev. 38)
CMIP-22	Telephone Number Updates (Rev. 4)

MAy 1,1992

DUKE POWER COMPANY

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-9

MCGUIRE/CATAWBA

CRISIS TELEPHONE DIRECTORY

W B McDonald
Approved

4-9-92
Date

To report problems with any Duke Power communications systems during an emergency, notify the CMC Administration and Logistics Group, or call (704) 373-4339. If no answer, call 1-800-777-0500 to page the Communications Supervisor on call.

A failure of either the ENS or the HPN phones is to be reported to the NRC Operations Center in Bethesda, Maryland. For ENS failures, the NRC will make arrangements for repair of the ENS. For failures of the HPN phone, call the local telephone service office for repairs. Once the repairs have been completed, notify the NRC Operations Center when the telephone has been returned to service.

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May 1, 1992

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OPERATING CRISIS MANAGEMENT CENTER TELEPHONES

DUKE POWER TELEPHONES

To access another extension in the CMC:

1. dial 2 + the four digit extension

To access another Duke General Office extension:

1. For numbers with the 373 exchange, dial 3 + the four digit extension
2. For numbers with the 382 exchange, dial 2 + the four digit extension

To access an outside line:

1. For a local call, dial 9 + the phone number
2. For a long distance call, dial 9 + 1 + the phone number

To access Duke Microwave:

1. Dial 8 + the seven digit phone number

SELECTIVE SIGNALING

To operate the system:

1. Pick up the receiver. You will not hear a dial tone. The line is already active.
2. Dial the number for the party you wish to reach. If you wish to reach more than one party, dial each number you wish to reach to tie them in.
3. If there is no answer after 15 seconds, the ring will cancel automatically.

OPERATING CRISIS MANAGEMENT RADIOS

NORTH CAROLINA EMERGENCY MANAGEMENT RADIO

To operate the radio:

1. Turn the Power Switch to "ON".
2. Select the appropriate frequency:
   a. Frequency 1 is the Radiation Protection Frequency.
   b. Frequency 2 is the Emergency Management Frequency. Use this frequency for sending Emergency Notifications to North Carolina and North Carolina counties.
3. Depress the bar labelled "TRANSMIT" on the microphone and say, "(Agency Call Sign), this is WNLK241 -- CMC Charlotte, Over" to initiate a call. (Agency Call Sign) represents the call sign and agency name of the party desired (for example, KGC256 -- Gaston County. See pages 15-16 for agency call signs). Release the bar.
4. The agency should respond "WNLK241, this is (Agency Call Sign, Over".
5. Once initial contact has been made with all needed North Carolina off-site agencies, depress the "TRANSMIT" bar again and send the message.
6. When the conversation is completed, conclude by saying "WNLK241 Out" and release the bar.

SOUTH CAROLINA LOCAL GOVERNMENT RADIO

To operate the radio:

1. Turn the Power Switch to "ON".
2. Select the appropriate frequency:
   a. Frequency 1 is preferred for local transmissions (e.g. York County).
   b. Frequency 2 makes use of the Rock Hill Repeater. Use this frequency if contact with the SEOC in Columbia is needed.
3. Depress the bar labelled "TRANSMIT" on the microphone and say, "(Agency Call Sign), this is WNLU432 -- CMC Charlotte, Over" to initiate a call. (Agency Call Sign) represents the call sign and agency name of the party desired (for example, WBS264 -- EOC Columbia. See page 14 for agency call signs). Release the bar.
4. The agency should respond "WNLU432, this is (Agency Call Sign), Over".
5. Once initial contact has been made with all needed South Carolina off-site agencies, depress the "TRANSMIT" bar again and send the message.
6. When the conversation is completed, conclude by saying "WNLU432 Out" and release the bar.

FIELD MONITORING RADIO

To contact the field teams:

1. Turn the Power Switch to "On".

2. Select the appropriate station using the "Black Box" switch, as follows:
   a. McGuire - Position "A"
   b. Catawba - Position "D"
3. Depress the bar labelled "TRANSMIT" on the microphone and say, "(Identifier) Team, this is (CMC Call Sign) -- CMC Charlotte, Over" (Identifier) is the name of the team (for example, Alpha Team) (CMC Call Sign) is the appropriate call sign for the affected station, as follows:
   a. Catawba -- KNHB778
   b. McGuire -- WQC700
   c. Oconee -- WQC699
4. The field team should respond, "(CMC Call Sign) this is (Identifier) Team, Over".
5. Depress the "TRANSMIT" bar again and give instructions.
6. When the conversation is completed, conclude by saying "(CMC Call Sign) Out", giving the appropriate call sign for the station affected.

To contact the Counties:

1. Turn the Power Switch to "ON".
2. Select the appropriate station using the "Black Box" switch, as follows:
   a. McGuire - Position "A"
   b. Catawba - Position "D"
3. Using the Zetron Communications Encoder:
   a. Push CLEAR if display does not show "all zeros".
   b. Push numbers for the two digit code of the desired agency or the group call code to contact every agency serviced by the base station (see pages 14-16 for agency codes - no code is required for the North Carolina EOC).
   c. The encoder should automatically begin transmitting the tones on the radio as evidenced by the "PAGE" light. If it does not do this automatically, press the PAGE button.
   d. Wait for the PAGE light to go out and the TALK light to go on and you are then clear to transmit your message as described in Step 4.
4. Depress the bar labelled "TRANSMIT" on the microphone and say, "(Agency Call Sign), this is (CMC Call Sign) -- CMC Charlotte, Over" (Agency Call Sign) represents the call sign and agency name of the party desired (for example, KNIS666 -- York County. See pages 14-16 for agency call signs). (CMC Call Sign) is the appropriate call sign for the affected station, as follows:
   a. McGuire -- WQC700
   b. Catawba -- KNHB778
5. The agency should respond, "(CMC Call Sign), this is (Agency Call Sign), Over."
6. Depress the "TRANSMIT" bar again and send the message.
7. When the conversation is completed, conclude by saying "(CMC Call Sign) Out" and release the bar.

To contact the TSC:

1. Turn the Power Switch to "ON".
2. Select the appropriate station using the "Black Box" switch, as follows:
   a. McGuire - Position "A"
   b. Catawba - Position "D"
3. Depress the "INTERCOM" button on the radio unit and say "CMC to TSC." Release the button.
4. TSC should respond "TSC to CMC"
5. Continue to press intercom to talk and release to receive.
6. No sign-offs or call signs are needed since communication does not occur over radio.

CATAWBA/MCGUIRE CRISIS MANAGEMENT CENTER

MANAGER'S AREA

News Coordinator	382-0758
News Monitor	382-0782
Nuclear Regulatory Commission Director of Site Operations	382-0759
Nuclear Regulatory Commission State Liaison	382-0766
Plant Assessment Manager	382-0762
Radiological Assessment Manager	382-0763
Recovery Manager	
Dedicated Line to TSC Emergency Coordinator	382-0760
Dedicated Line to State Emergency Director	-0761
Ringdown Line to TSC Emergency Coordinator	
State Representative	
North Carolina	382-0765
South Carolina	382-0764

ADMINISTRATION AND LOGISTICS

Copier/Telecopier Room	382-0731
Access Control	382-0729 -0730
Staff	382-0726 -0727 -0728
Telecopier (in Copier Room)	382-0732
CONFERENCE ROOM	382-0737

EMERGENCY COMMUNICATIONS

Company Officer Communicator	382-0719
Data Coordinator	
Telephone	382-0720
Terminal	-0721
Emergency Communications Manager	382-0718
Industry Communicator	
Telephone	382-0781

Terminal ---------- 382-0725

State/County Communicators
Telephones ---------- 382-0724
---------- 382-0723
Telecopier (For Emergency Notifications Only) ---------- 382-0722
Selective Signaling ---------- 111

NEWS CENTER

News Media Telephones (O. J. Miller Auditorium) ---------- 373-7946
-7947
-7948
-2620
-2628
-2629
-2630
-2631
-2632
-2633
-2634
-2635
-2636
-2637
-2638
-2639
-2641
-2642

News Staff ---------- 382-0603
-0604
-0610
-0611
-0612
-0613
-0614
-0615
-0616
-0621
-0622
-0623
-0624
-0625
-0626
-0671
-0674

Rumor Control	382-0644
	-0645
	-0646
	-0647
	-0648
	-0649
	-0650
	-0651
State News Staff	382-0600
	-0601
	-0617
	-0629
	-0630
	-0631
	-0632
	-0633
	-0634
	-0639
	-0640
	-0654
	-0655
	-0656
	-0657
	-0658
	-0659
	-0660
	-0661
	-0662
	-0666
	-0669
	-0670
	-0672
	-0676
	-0678
	-0679

NUCLEAR REGULATORY COMMISSION (NRC)

NRC Emergency Notification System (ENS)	Ringdown
NRC Health Physics Network (HPN)	335-5427
NRC Representatives	
in Manager's Area	382-0709
	-0715
	-0759
in Off-site Dose Assessment Room	382-0752
	-0753
	-0754
	-0755
NRC Room	382-0700

-0701
-0702
-0703
-0704
-0705
-0706
-0707
-0708
-0709
-0710
-0711
-0712
-0713
-0714
-0715
-0716
-0717

PLANT ASSESSMENT

Plant Assessment Staff
Dedicated Line to TSC ---------- 382-0771
NRC Emergency Notification System (Red Phone) ---------- Ringdown
Telephones ---------- 382-0767
-0768
-0769
-0770
-0772
-0773
-0774
-0775
-0776
-0777
-0778
-0779
-0780

RADIOLOGICAL ASSESSMENT

Dose Assessment Coordinator
Dedicated Line to TSC Health Physics ---------- 382-0746

Field Monitoring Coordinator ---------- 382-0735
-0736

Health Physics Network (HPN) Communicator ---------- 382-0743

Off-site Dose Assessment
Director ---------- 382-0744
-0745
Staff ---------- 382-0748
-0749
-0750

Telecopier (In Off-Site Dose Assessment Room) ---------- 382-0747

	-0751

STATES

State Representatives (in Manager's Area)	
North Carolina	382-0765
South Carolina	382-0764
State Representatives (in Off-site Dose Assessment Area)	382-0741
	-0742
	-0756
	-0757

TECHNICAL SERVICES

Staff	382-0738
	-0739
	-0740

TECHNICAL SUPPORT CENTER - CATAWBA

To access Duke Microwave from CMC, dial 8 + number below.
To access Outside Lines from CMC, dial 9 + number below.

	Duke Microwave	Outside Lines
STATION MANAGER	831-5870	831-2922
MAINTENANCE		
Superintendent	831-5871	
OPERATIONS		
Superintendent	831-5896	831-8040
Operating Manager	831-5872	
Assistant Operating Engineers	831-5877 831-5898	831-2674
STATION SERVICES		
Superintendent	831-5886	831-2922
Westinghouse	831-5894	
Design Engineer	831-5893	
Security (CAS)	831-3253	
TECHNICAL SERVICES		
Superintendent	831-5021	831-8040
Compliance		
Compliance Manager	831-5890	831-8969
Emergency Planning Manager	831-3429	
Data Coordinator	831-5873	831-8184
Modem	831-5885	
Radiation Protection		
Radiation Protection Manager	831-5880	

	Duke Microwave	Outside Lines
Dose Assessment Coordinator	831-5881	831-8970 831-8042
Field Monitoring Coordinator	831-5882	831-8182
RP Support Coordinator	831-5879	
Surveillance and Control Coordinator	831-5878	
Off-site Communicator	831-3438	831-7410
Performance		
Performance Manager and Test Engineer	831-5875 831-5874	831-2755 831-8183
Reactor Engineer	831-5892 831-5876	
Project Services		
Projects Manager	831-3438	
MISCELLANEOUS		
News Group Liaison	831-5888	
Nuclear Regulatory Commission	831-5895 831-5887	831-8209 831-8181
Telecopier (Administration)	831-3401	
Telecopier (Emergency Notification Only)	831-3532	

OPERATIONAL SUPPORT CENTER --- CATAWBA

To access Duke Microwave from CMC, dial 8 + number below.

	Duke Microwave
OSC Coordinator	831-5934 831-5457
OPS Supervisor	831-5458 831-5935
Radiation Protection Supervisor	831-5452 831-5938
Radiation Protection DRC	831-5939
Chemistry Manager	831-5454
Mechanical Maintenance Manager	831-5453
Planning/Materials Manager	831-5969
IAE Manager	831-5456
Transmission	831-5968
Safety	831-5936
OSC Fax	831-5518

TECHNICAL SUPPORT CENTER - MCGUIRE

To access Duke Microwave from CMC, dial 8 + number below.
To access Outside Lines from CMC, dial 9 + number below.

STATION MANAGER	875-4950
MAINTENANCE	
Superintendent	875-4953
OPERATIONS	
Superintendent	875-4951
STATION SERVICES	
Superintendent	875-4955
TECHNICAL SERVICES	
Superintendent	875-4954
Compliance	
Compliance Manager	875-4970
Radiation Protection Manager	875-4959
Dose Assessment Coordinator --	875-4969
Dose Assessment Personnel	875-4976
Field Monitoring Coordinator	875-4977
Off-site Communicator	Select Signaling 312
Performance	
Reactor Engineer	875-4968
MISCELLANEOUS	
Nuclear Regulatory Commission	875-4519 875-4520
Corporate Communications	875-4961
Outside Lines*	
Communicator Area	875-1951
Managers Area	875-1957
NRC Area	875-1953 or 875-1955
Field Monitoring Area	875-1956
Corporate communications Area	875-1959
Station Switchboard	875-4000
Telecopier in Off-site Communicator Area	875-1954
Telecopier in Corp. Communications Area	875-1959

*to access these numbers, dial 9+ number shown

OPERATIONAL SUPPORT CENTER - MCGUIRE

To access Duke Microwave from CMC, dial 8+ number below.

	Duke Microwave
OSC Coordinator	875-4952
OPS Supervisor (SRO/RO)	875-4975
RP General Supervisor	875-4966
RP ALARA Supervisor	875-4965
RP Supervisor	875-4974
Performance Manager	875-4956
Chemistry Manager	875-4960
Instrument and Electrical Manager	875-4957
Mechanical Maintenance Manager	875-4958
Maintenance Engineering Services Manager	875-4971
Safety Health Services Manager	875-4967
Transmission Superintendent	875-4964

STATES AND COUNTIES TO BE NOTIFIED -- CATAWBA

Agency Name	Selective Signaling Code	Telephone Number	NC/SC Radio Call Sign	Field Monitoring Radio Code
States				
North Carolina				
- Warning Point	117	(919)733-3861		
- EOC Raleigh - Switchboard	314	(919)733-3867	KNBU729	
		(919)733-3868		
		(919)733-3869		
- Direct Dial		(919)733-3942		
		(919)733-3943		
		(919)733-7553		
		(919)733-3204		
		(919)733-3920		
-Director, Div. of Emer. Mgmt.		(919)733-6766		
-Telecopier (NC EOC)		(919)733-3800		
		(919)733-7554		
(NC Warning Point)		(919)733-8134		
South Carolina				
- Warning Point (Hwy. Patrol)	516	(803)737-1030		
- SEOC (Columbia)	518	(803)734-9020	WBS264	
- SEOC (Dose Assessment Only)		(803)734-8096		
- Director, Emer. Preparedness Div.		(803)734-8044		
- FEOC (Clover Armory)	514			42
Telecopier (Emergency Notification Only)		(803)222-4847		
SC State Rad. Health		(803)222-4082		
SC PIO		(803)222-7198		
- Department of Health and Environmental Control:				
Primary		(803)734-4700		
Backup		(803)253-6488		
- Telecopiers				
(SEOC - Emergency Notification Only)		(803)734-8853		
(SC Warning Point)		(803)737-1758		
Administration		(803)734-8062		
Counties				20 Activates All Counties
Gaston				
- Warning Point	112	(704)866-3300	KGC256	26
- EOC	112	(704)866-3243		
- Telecopier (Emergency Notification Only)		(704)866-7623		
- Telecopier (EOC)		(704)868-4150		
Mecklenburg				
- Warning Point	116	(704)336-3333	KCE671	21
- EOC	116	(704)336-3333*		
- Telecopier (Warning Point)		(704)336-2729		
(EOC)		(704)336-4460		

*Warning point number. EOC numbers will be assigned when EOC is activated.

STATES AND COUNTIES TO BE NOTIFIED -- CATAWBA

Agency Name	Selective Signaling Code	Telephone Number	NC/SC Radio Call Sign	Field Monitoring Radio Code
York County				
- Warning Point (Use for all emergency notifications)	513	(803)324-7421	KNIS666	41
- EOC	515	(803)329-1116 or (803)329-7270		
- Telecopier		(803)324-7420		

STATES AND COUNTIES TO BE NOTIFIED -- MCGUIRE

Agency Name	Selective Signaling Code	Telephone Number	NC/SC Radio Call Sign	Field Monitoring Radio Code
States				
North Carolina				
- Warning Point	117	(919)733-3861		
- EOC Raleigh - Switchboard	314	(919)733-3867	KNBU729	
		(919)733-3868		
		(919)733-3869		
- Direct Dial		(919)733-3942		
		(919)733-3943		
		(919)733-7553		
		(919)733-3204		
		(919)733-3920		
-Director, Div. of Emer. Mgmt.		(919)733-6766		
-Telecopier (NC EOC)		(919)733-3800		
		(919)733-7554		
(NC Warning Point)		(919)733-8134		
Counties				20 activates all counties
Cabarrus				
- Warning Point	119	(704)782-2123	KDX398	28
- EOC	213	(704)788-6121		
- Telecopier (Emergency Notifications Only)		(704)784-1919		
(Other Information)		(704)788-8831		
Catawba				
- Warning Point	118	(704)464-3112	WZX528	27
- EOC	118	(704)464-3112		
- Telecopier (Emergency Notifications Only)		(704)465-1220		
(Emergency Management Office)		(704)465-8392		
Gaston				
- Warning Point	112	(704)866-3300	KGC256	26
- EOC	112	(704)866-3243		
- Telecopier (Emergency Notifications Only)		(704)866-7623		
- Telecopier (EOC)		(704)868-4150		
Iredell				
- Warning Point	114	(704)878-3039	KIG902	23
- EOC	114	(704)878-3039		
- Telecopier (Emergency Notifications Only)		(704)878-5354		

STATES AND COUNTIES TO BE NOTIFIED -- MCGUIRE (Cont'd)

Agency Name	Selective Signaling Code	Telephone Number	NC/SC Radio Call Sign	Field Monitoring Radio Code
States				
Lincoln				
- Warning Point	113	(704)735-8202	KEG746	25
- EOC	113	(704)732-3786		
- Telecopier (Emergency Notifications Only)		(704)732-9035		
- Telecopier (EOC)		(704)732-9036		
Mecklenburg				
- Warning Point	116	(704)336-3333	KCE671	21
- EOC	116	(704)336-3333*		
- Telecopier (Warning Point)		(704)336-2729		
(EOC)		(704)336-4460		

*Warning point number. EOC numbers will be assigned when EOC activated.

OTHER OFF-SITE AGENCIES

	Primary	Backup
Federal		
DOE		
- Savannah River	(803)725-3333	
- Radiation Emergency Assistance Center/Training Site (REAC/TS)	(615)576-3131	
NRC Operations Centers		
- Headquarters Bethesda, MD	ENS (Red Phone)	(301)951-0550 (301)427-[illegible]259 (301)49[illegible]-8893 (301)427-4056
- Region II Atlanta, GA	(404)331-5238	(404)331-4503
- Health Physics Network (HPN) Bethesda, MD	(301)951-1212	
INPO	(404)953-0904	(404)953-0922 (404)953-3600
American Nuclear Insurers	(203)561-3433	
NC Area E Office	(704)466-5555	
Telecopier	(704)466-5578	

SELECTIVE SIGNALING DIRECTORY -- CATAWBA

LOCATION	CODE
States	
North Carolina	
- Warning Point, Raleigh	117
- EOC, Raleigh	314
- Area E Office, Conover, N.C.	211
South Carolina	
- Warning Point, Columbia	516
- EOC, Columbia	518
- FEOC, Clover Armory	514
Counties	
Gaston	
- Warning Point	112
- EOC	112
Mecklenburg	
- Warning Point	116
- EOC	116
York	
- Warning Point	513
- EOC	515
Duke	
Catawba Control Room	511
Catawba TSC	512
Catawba Training Center	517
Crisis Management Center	111
Other	
Carowinds Theme Park -- to call	61*610
-- to deactivate	61#
WSPA Radio -- to call	43*430
-- to deactivate	43#

DECISION LINE NETWORK -- CATAWBA

NOTE: This network is for use by states and counties to coordinate protective action decisions, siren and EBS activation, etc. It may be used to communicate with the CMC to discuss Duke's protective action recommendations.

Group Call	5*
South Carolina EOC (Columbia)	58
South Carolina Forward EOC (Clover Armory)	54
North Carolina EOC (Raleigh)	35
North Carolina Area E Office (Conover)	37
Gaston County EOC	52
Mecklenburg County EOC	36
York County EOC	55
Catawba CMC	11

NOTE: to cancel Groups calls or Individual calls press 5#.

SELECTIVE SIGNALING DIRECTORY -- MCGUIRE

LOCATION	CODE
States	
North Carolina	
- Warning Point, Raleigh	117
- EOC, Raleigh	314
- Area E Office, Conover, N.C.	211
Counties	
Cabarrus	
- Warning Point	119
- EOC	213
Catawba	
- Warning Point	118
- EOC	118
Gaston	
- Warning Point	112
- EOC	112
Iredell	
- Warning Point	114
- EOC	114
Lincoln	
- Warning Point	113
- EOC	113
Mecklenburg	
- Warning Point	116
- EOC	116
Duke	
McGuire Control Room	311
McGuire TSC	312
Crisis Management Center	111

Decision Line Network --- McGuire

Note: This network is for use by stat s and counties to coordinate protective action decisions, siren and EBS activation, etc. It may be used to communicate with the CMC to discuss Duke's protective action recommendations.

Group Call	3*
North Carolina EOC (Raleigh)	35
North Carolina Area E Office (Conover)	37
Gaston County EOC	52
Mecklenburg County EOC	36
Lincoln County EOC	33
Iredell County EOC	34
Catawba County EOC	32
McGuire CMC	11

Note: To cancel group calls or individual calls press 3#.

Distribution List

Location	No. of Copies
Emergency Communications - CMC	3
Admin. and Logistics - CMC	3
Managers' Area - CMC	10
Off-site Monitoring - CMC	2
Off-site Dose Assessment - CMC	8
NRC Room - CMC	3
Plant Assessment - CMC	10
Technical Services - CMC	3
Conference Room - CMC	1
Copier/Telecopier Room - CMC	1
Security Area - CMC	1
News Group (Diane Savage)	10
States and Counties	
Cheryl Lanning (MNS)	1
Procedures Cabinet	3

CRISIS MANAGEMENT IMPLEMENTING PROCEDURE

CMIP-15

OCONEE CMC INITIAL ACTIVATION

REV. 3
May 1, 1992

Approved By

4-9-92
Date

OCONEE CMC INITIAL ACTIVATION

1.0 SYMPTOMS

1.1 An emergency has occurred that warrants staffing and activating the CMC.

2.0 IMMEDIATE ACTIONS

2.1 Oconee Station switchboard activates CMC pagers. The message will be "Blue Echo" (Oconee Emergency) or "Blue Delta" (Oconee Drill).

2.2 Additional personnel may be called-in using Enclosure 4.1, as necessary.

2.3 Nuclear Production Duty Engineer will begin telephone notifications per the applicable Duty Engineer procedure.

2.4 Any person who has consumed alcohol within the past 5 hours will notify the Recovery Manager. The Recovery Manager or his designee will determine whether the person is fit to perform his/her duties. (This step is not required whenever this determination was already made via telephone.)

2.5 CMD-Security shall:

2.5.1 Dispatch two persons to the CMC to unlock the facility and establish access control.

2.5.2 Disarm the burglar alarm by pressing 11246 on the keypad and verifying that the "ARMED" light goes out. If not, press * and re-enter the code.

2.5.3 Unlock the janitor storage closet.

2.5.4 Unlock the procedure cabinet in the Managers Area.

2.5.5 Set the thermostat to the "Continuously Occupied" Mode. (Press the "Continuously Unoccupied" button and make sure the light goes out.)

2.5.6 Switch on the PA system amplifier in the telephone equipment room.

2.5.7 Establish access control per CMIP-4, Section C.

2.6 The state/county communicator shall:

2.6.1 Call the off-site communicator at the TSC and obtain the applicable information for Enclosure 4.3, TSC/CMC Turnover Checklist. Give this information to the Recovery Manager.

2.6.2 Notify the state and counties when the CMC is activated.

2.7 The Plant Assessment Manager shall call the CMC Liaison at the TSC and obtain the applicable information for Enclosure 4.3, TSC/CMC Turnover Checklist. Give this information to the Recovery Manager.

2.8 The Radiological Assessment Manager shall call the Dose Assessment Coordinator at the TSC and obtain the applicable information for Enclosure 4.3, TSC/CMC Turnover Checklist. Give this information to the Recovery Manager.

2.9 The Recovery Manager shall:

2.9.1 Notify the Emergency Coordinator of your arrival and establish an open phone line.

2.9.2 Determine fitness-for-duty for any persons who have consumed alcohol within 5 hours. (This may be delegated to the appropriate CMC group manager.)

2.9.3 Use Enclosure 4.2, CMC Readiness Checklist, to determine when the CMC is staffed and ready to receive turnover from the TSC.

2.9.4 Call the Emergency Coordinator and receive turnover by completing Enclosure 4.3, TSC/CMC Turnover Checklist.

2.9.5 Announce to all CMC personnel that the CMC is activated. See Enclosure 4.4, Sample Announcement of CMC Activation.

2.9.6 Ensure that the state and counties are notified of CMC activation by the state/county communicator.

2.9.7 Ensure that the TSC will notify the NRC of CMC activation.

3.0 SUBSEQUENT ACTIONS

3.1 The Recovery Manager shall:

3.1.1 Discuss plant status periodically with the Emergency Coordinator at the TSC.

3.1.2 Provide frequent (about every 30 minutes) status updates to CMC personnel.

3.1.3 Contact the state periodically to discuss overall emergency status, explain the basis for protective action recommendations, etc. Key contacts are as follows:

South Carolina

Paul Lunsford - Director, Emergency Preparedness Division
George Schneider - Operations Officer

3.1.4 Determine the appropriate emergency classification per RP/0/B/1000/01. If a change is made to the emergency class:

3.1.4.1 Announce the emergency class and the time of classification to CMC personnel,

3.1.4.2 Notify the Emergency Coordinator of the change,

3.1.4.3 Ensure that the state and counties are notified within 15 minutes, and

3.1.4.4 Ensure that the TSC will notify the NRC within 1 hour.

3.1.4.5 Refer to CMIP-1 for criteria regarding terminating an emergency and initiating the Recovery phase.

3.1.5 Determine the appropriate protective action recommendations using RP/0/B/1000/06, Determination of Protective Action. Decisions to notify and recommend protective actions to states and counties may not be delegated.

3.1.6 Maintain a log of major activities and decisions (or designate someone to do this).

3.1.7 Review and approve news releases.

3.2 The initial response team personnel shall perform their duties as described in Enclosures 4.5 through 4.11, as applicable. As additional CMC personnel arrive to augment the initial response team, duties may be performed using CMIP-1, 2, 4, 5, 6, or 7 as these procedures become applicable.

3.3 If a loss of power occurs, verify proper operation of the emergency generator. If problems occur, go to the control panel in the Mechanical Room and assess the situation. If assistance is needed, contact the supervisor on call at the Clemson Operations Center by calling 803-654-7128.

4.0 ENCLOSURES

4.1 Oconee CMC Initial Response Team
4.2 CMC Readiness Checklist
4.3 Recovery Manager Turnover Checklist
4.4 Sample Announcement of CMC Activation
4.5 Recovery Manager Position Description
4.6 Radiological Assessment Manager Position Description

4.7 Plant Assessment Manager Position Description
4.8 Emergency Communications Manager Position Description
4.9 State/County Communicator Position Description
4.10 Access Control Director Position Description
4.11 Administration and Logistics Manager Position Description

OCONEE CMC INITIAL RESPONSE TEAM

Position/Name	Work No.	Home No.
Recovery Manager:		
Lanny Wilkie	885-3017	
Paul Stovall	885-3207	
Bryan Dolan	885-3314	
Radiological Assessment Manager:		
Lamar E. Garrett	885-3503	
Mitch Frye	885-3610	
Don Davis	885-3502	
Dixie Kelly	885-3504	
Plant Assessment Manager:		
Larry Hindman	885-3347	
William H. Caudill	885-3401	
John Alan Whitener	885-3356	
Tony Lee	885-3349	
Emergency Communications Manager:		
Eddie L. Anderson	885-3490	
Jim Byko	885-3461	
Charles B. Matheson	885-3505	
Gabriel Washburn	885-3413	
State/County Communicator:		
Olson K. Mercado	885-3611	
Cindy D. Stabler	885-3475	
James M. Diss	885-3375	
James R. Kiser	885-3376	
Access Control Director:		
CMD-South Security	885-4000	
Administration and Logistics Manager:		
Grady Allen	373-4691 or 944-4084	
Ted W. Roach	885-4073	

Note: See CMIP-4, Section B, for other names and numbers.

News Group:

World of Energy duty person

Note: See CMIP-2 for other names and numbers.

CMC READINESS CHECKLIST

1. The following positions are staffed with personnel capable of performing their duties:

_____ Recovery Manager

_____ Radiological Assessment Manager

_____ Plant Assessment Manager

_____ Emergency Communications Manager

_____ State/County Communicator

_____ Access Control

TSC/CMC TURNOVER CHECKLIST

[redacted]

1. [A] THIS IS A DRILL [B] ACTUAL EMERGENCY [redacted]

2. SITE: _____ UNIT: _____ [redacted]

3. [redacted] TIME/DATE: _____ (Eastern) ____ / ____ / ____ mm dd yy [redacted]

4. [redacted] _____ (Number) _____ (Codeword)

5. EMERGENCY CLASSIFICATION:
[A] NOTIFICATION OF UNUSUAL EVENT [B] ALERT [C] SITE AREA EMERGENCY [D] GENERAL EMERGENCY

6. [A] Emergency Declaration At: [redacted] TIME/DATE: _____ (Eastern) ____ / ____ / ____ mm dd yy [redacted]

7. EMERGENCY DESCRIPTION/REMARKS: See page 2 of 2

8. PLANT CONDITION: [A] IMPROVING [B] STABLE [C] DEGRADING

9. REACTOR STATUS: [A] SHUTDOWN: TIME/DATE: _____ (Eastern) ____ / ____ / ____ mm dd yy [B] _____ % POWER

10. EMERGENCY RELEASE(S):
[A] NONE (Go to item 14.) [B] POTENTIAL (Go to item 14.) [C] IS OCCURRING [D] HAS OCCURRED

**11. TYPE OF RELEASE: [ ] ELEVATED [ ] GROUND LEVEL

[A] AIRBORNE: Started: _____ Time (Eastern) ____ / ____ / ____ Date Stopped: _____ Time (Eastern) ____ / ____ / ____ Date

[B] LIQUID: Started: _____ Time (Eastern) ____ / ____ / ____ Date Stopped: _____ Time (Eastern) ____ / ____ / ____ Date

**12. RELEASE MAGNITUDE: [ ] CURIES PER SEC. [ ] CURIES NORMAL OPERATING LIMITS: [ ] BELOW [ ] ABOVE

[A] NOBLE GASES _____ [B] IODINES _____

[C] IODINE/NOBLE GAS RATIO (If available) _____ [D] OTHER _____

**13. ESTIMATE OF PROJECTED OFFSITE DOSE: [ ] NEW [ ] UNCHANGED ESTIMATED DURATION: _____ HRS.

	Wholebody DOSE RATE (mrem/hr)	Child Thyroid DOSE RATE (mrem/hr)	Wholebody DOSE (mrem)	Child Thyroid DOSE (mrem)
SITE BOUNDARY				
2 MILES				
5 MILES				
10 MILES				

**14. METEOROLOGICAL DATA: [A] WIND DIRECTION (from) _____ ° [B] SPEED (mph) _____

[C] STABILITY CLASS _____ [D] PRECIPITATION (type) _____

15. RECOMMENDED PROTECTIVE ACTIONS:
[A] NO RECOMMENDED PROTECTIVE ACTIONS
[B] EVACUATE _____
[C] SHELTER IN-PLACE _____
[D] OTHER _____

[redacted] _____ (Name) _____ (Title) [redacted] _____ (Eastern) ____ / ____ / ____ mm dd yy

**Information may not be available on initial notification.

[redacted]

PLANT ASSESSMENT MANAGER

RAD. ASSESSMENT MANAGER

EMERGENCY DESCRIPTION/REMARKS

Initiating Condition: _____

_____

_____

On-going problems: _____

_____

_____

OTHER UNITS' STATUS _____

_____

_____

_____

COMMUNICATIONS STATUS

Last message (number) _____ sent_____
Time

Next message due_____
Time

To be transmitted by: CMC _____ TSC _____

Agencies who are being contacted:

	System Used
Pickens Emergency Preparedness Agency	_____
Pickens Law Enforcement Center	_____
Oconee Emergency Preparedness Agency	_____
Oconee Law Enforcement Agency	_____
State Warning Point (SC Highway Dept.)	_____
State Emergency Operations Center (SEOC)	_____
Forward Emergency Operations Center (FEOC)	_____
Bureau of Rad Health	_____

Communication problems experienced: _____

_____

Telecopy all messages sent by Control Room and TSC to CMC if possible. As a minimum, read the most recent message.

SITE EVACUATION Yes ___ No ___ Time of Evacuation _____

Evacuation Location: Daniel High School ___ Keowee Elementary ___

CMC ACTIVATED AT _____ Recovery Manager _____

Note: Synchronize Clocks with TSC

SAMPLE ANNOUNCEMENT OF CMC ACTIVATION

Recovery Manager: "May I have your attention please."

The CMC is being activated as of _____ hours. I, (name), am the Recovery Manager and I have taken over emergency management responsibilities from the Emergency Coordinator at the Technical Support Center. Each CMC group manager should make sure everyone in his or her group is made aware of this.

I would like to provide you a brief status update at this time ...."

RECOVERY MANAGER
POSITION DESCRIPTION

Primary Responsibilities:

1. Provide management direction and control of Duke Power's emergency response activities.
2. Determine the appropriate emergency classification.
3. Decide regarding recommendations to off-site agencies for public protective actions.
4. Coordination with federal, state, and local agencies.
5. Review and approve news releases before dissemination to the news media.
6. Maintain a logbook (or designate someone to this).

Principal Interfaces:

1. TSC Emergency Coordinator
2. S. C. Emergency Preparedness Division (EPD) Director
3. NRC Director of Site Operations
4. CMC State/County Communicator
5. CMC Group Managers

RADIOLOGICAL ASSESSMENT MANAGER
POSITION DESCRIPTION

Primary Responsibilities:

1. Coordinate radiological and environmental assessments. Communicate with the state and the NRC, as appropriate, regarding radiological conditions. (Off-site dose projections and field monitoring will be performed by the TSC until the Oconee CMC staff is augmented by personnel from the Charlotte area.)

2. Advise the Recovery Manager regarding emergency classifications and off-site protective actions, based on radiological conditions. (These recommendations should be coordinated with the Plant Assessment Manager.)

3. Provide information to the State/County Communicator for the Emergency Notification form, items 10-14.

4. Monitor radiological conditions, as necessary, if a radiolngical release could potentially affect persons within the CMC. Advise the Recovery Manager of any necessary protective actions. (See Crisis Management Plan, Section K for emergency worker exposure limits.) The radiological emergency kit containing survey instruments, etc. is in the Audio/Visual Room adjacent to the Joint Information Center.

Principal Interfaces:

1. Dose Assessment Coordinator at the TSC.

2. S. C. Department of Health and Environmental Control (DHEC) representatives of the State ECOC.

3. NRC Protective Measures Coordinator or other appropriate NRC representatives.

4. Plant Assessment Manager

5. State/County Communicator

6. Recovery Manager

PLANT ASSESSMENT MANAGER
POSITION DESCRIPTION

Primary Responsibilities:

1. Advise the Recovery Manager regarding emergency classifications and off-site protective actions, based upon assessment of plant conditions, e.g., core, containment, safety systems.

2. Discuss plant conditions with the Radiological Assessment Manager and coordinate any recommendations.

3. Provide information to the State/County Communicator, as needed

4. Assist the Technical Support Center with accident assessment and development of strategies for accident mitigation.

5. After arrival of the NRC site team, coordinate closely with the NRC Reactor Safety Team personnel.

Note: Refer to CMIP-6 for additional information about the Plant Assessment Group functions.

Principal Interfaces:

1. TSC Operations Group (CMC Liaison)

2. NRC Reactor Safety Team

3. Radiological Assessment Manager

4. State/County Communicator

5. Recovery Manager

EMERGENCY COMMUNICATIONS MANAGER
POSITION DESCRIPTION

Primary Responsibilities:

1. Provide direction and assistance to the State/County Communicator, as needed, to ensure that notifications to the state and counties are timely and accurate.

2. Provide support, as needed, to ensure plant data is available to other CMC personnel.

3. Update status boards in the Manager's Area as time allows. Post copies of the emergency notification form used for notifying the state and counties.

4. Coordinate with the News Group to help ensure news releases are consistent with state/county notifications.

5. As time is available, provided status updates to the Senior Company Officer and to INPO.

Note: Refer to CMIP-5 for additional information about the Emergency Communications Group's functions.

Principal Interfaces:

1. State/County Communicator

2. News Coordinator

3. Senior Company Officer

4. INPO

5. Recovery Manager

STATE/COUNTY COMMUNICATOR
POSITION DESCRIPTION

Primary Resporsibilities:

1. Periodically fill out the emergency notifications form, have it approved by the Recovery Manager, and communicate the approved message. (See CMIP-13.)

2. Notify the state and counties within 15 minutes of any change in the emergency classification.

3. Provide a copy of the emergency notifications form to the Emergency Communications Manager after each message is transmitted.

Principal Interfaces:

1. TSC Off-Site Communicator

2. State and County Communications Personnel

3. Recovery Manager

4. Emergency Communications Manager

ACCESS CONTROL DIRECTOR
POSITION DESCRIPTION

1. Prepare the CMC facility as described in step 2.5.

2. Set up access control per CMIP-4, Section C, using the computer listing of CMC personnel (two copies located in the grey cabinet in the hallway).

Principal Interface:

Recovery Manager

ADMINISTRATION AND LOGISTICS MANAGER
POSITION DESCRIPTION

Primary Responsibilities:

1. Provide administrative, logistics, and communications services to support emergency activities.

Principal Interfaces:

1. Recovery Manager
2. Access Control Director
3. Other CMC personnel.