

Duke Power Company

Crisis Mangement Organization

For

Nuclear Stations

5.3.1

Recovery Manager & Immediate Staff Group Plan

2/25/81; Rev. 1 11/15/81; Rev. 2 4/30/82; Rev. 3 7/9/82; Rev. 4 10/22/82

Rev. 5 2/28/83; Rev. 6 6/15/83

Recovery Manager and Immediate Staff Group Plan

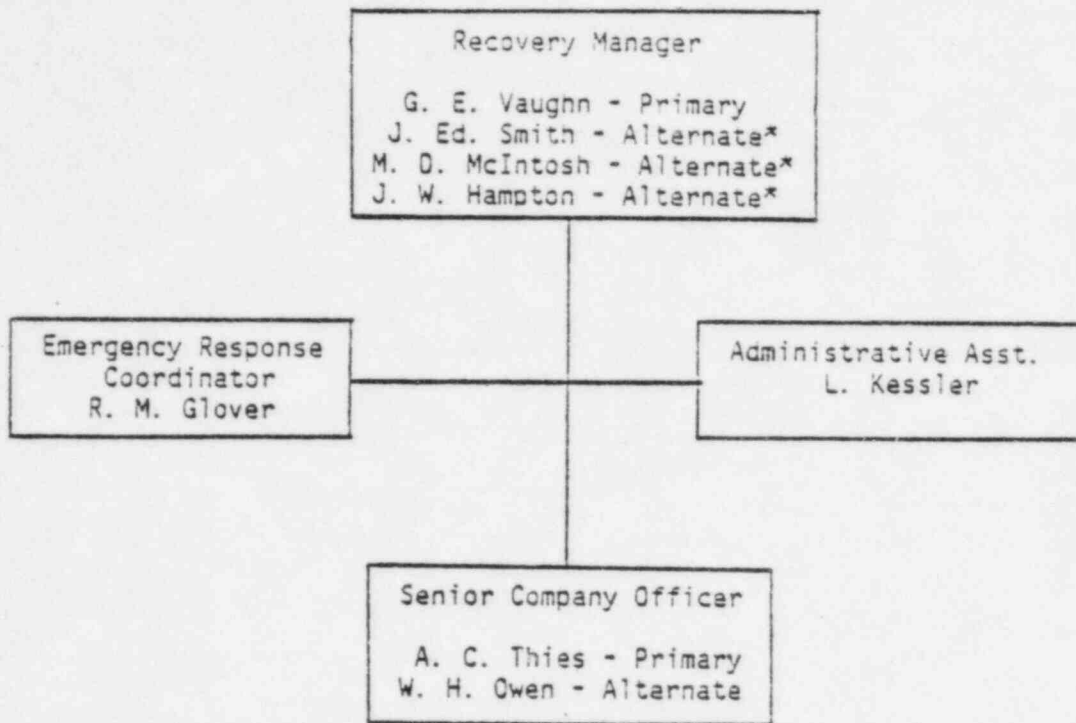
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I. SCOPE

The Recovery Manager and Immediate Staff are responsible for the overall management and recovery of nuclear station(s) emergency situations requiring activation of the Crisis Management Plan.

II. RECOVERY MANAGER AND IMMEDIATE STAFF ORGANIZATION



- * - In an emergency at one of the company's nuclear stations, the station managers at the two unaffected station will be used as alternates to the Recovery Manager and Public Spokesman. The primary Recovery Manager will decide, at the time, based upon the situation, who will be alternate Recovery Manager and who will be alternate Public Spokesman. If the Primary Recovery Manager listed above is not available at the time of the emergency, the Alternate contacted will become the Primary Recovery Manager and will make the determination of alternates.

III. FUNCTIONAL RESPONSIBILITIES

A. Recovery Manager

Reports to: Vice President - Nuclear Production Department

Supervises: Immediate Staff and All Functional Managers

Basic Function: Supervises the overall management and recovery of nuclear station emergency situations requiring activation of the Crisis Management Plan.

Primary Responsibilities:

1. Establish a direct line of communications with the Station Manager/Emergency Coordinator to be able to provide input and assistance to the station.
2. To direct the functional area managers in necessary tasks to be performed for resolution of the situation.
3. To provide a Duke Power Company management link for coordination with the NRC and other federal agencies.
4. To provide a means for management review and approval of recommended actions to resolve emergency situations.
5. To make recommendations to offsite agencies for public protective actions.

Principal Working Relationships:

1. Station Manager for status updates, system operation, and other necessary information.
2. Function Managers for distribution of work tasks.
3. NRC and other federal agencies for consultation and recommendations.
4. State and local officials for making public protective action recommendations.

B. Emergency Response Coordinator

Reports to: Recovery Manager

Supervises:

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 offsite authorities, and in consultations with NRC and other federal agencies.
2. Participates as a member of the Recovery Manager's Advisory Support Group.

Principal Working Relationships:

1. Recovery Manager for Emergency Plan considerations
 2. Functional Managers/Administrative Assistant for work tasks
 3. NRC for Emergency Plan considerations
- C. Recovery Manager's Administrative Assistant

Reports to: Recovery Manager

Supervises:

Basic Function: To assist the Recovery Manager in assignment and distribution of work tasks, followup on specific projects, in other requests as they arise; and to maintain the official CMC log book of decisions, activities, and operations.

Primary Responsibilities:

1. To assist the Recovery Manager in resolution of nuclear facility emergencies requiring activation of the Crisis Management Plan.

Principal Working Relationships:

1. Recovery Manager for work tasks
 2. Functional Manager/Emergency Coordinator for resolution of tasks
- D. Senior Company Officer

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 Organization 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 Governors of North and South Carolina, making himself/herself available for followup 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
South Carolina Governor's office

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 scheduling coordinator of the Scheduling/Planning Group.

Scheduling Coordinator Can Be Reached At:

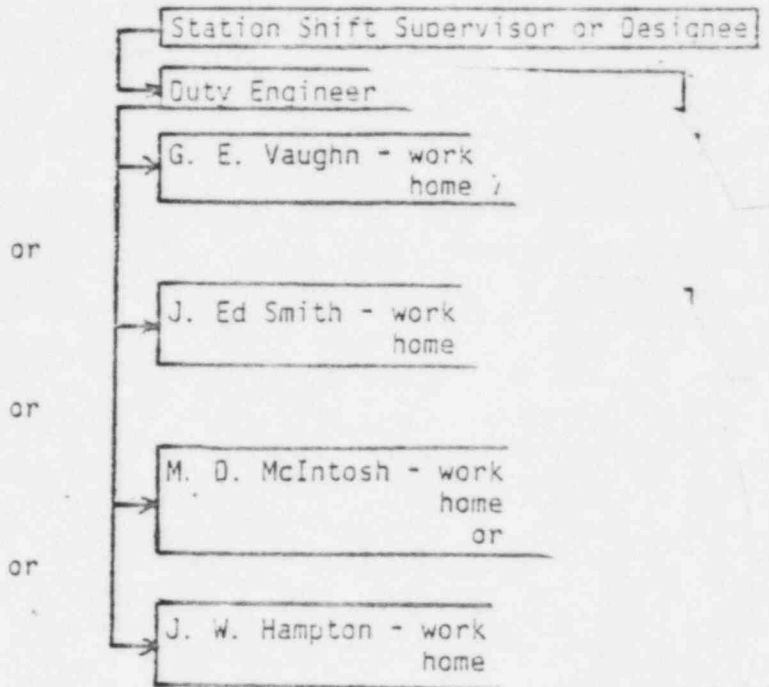
(G.O. - WC 1010) McGuire/Catawba CMC
Lucas CMC

5. This position will receive initial notification from the Recovery Manager as shown in Part IV of this plan.

IV. NOTIFICATION PROCEDURE - CALL LIST

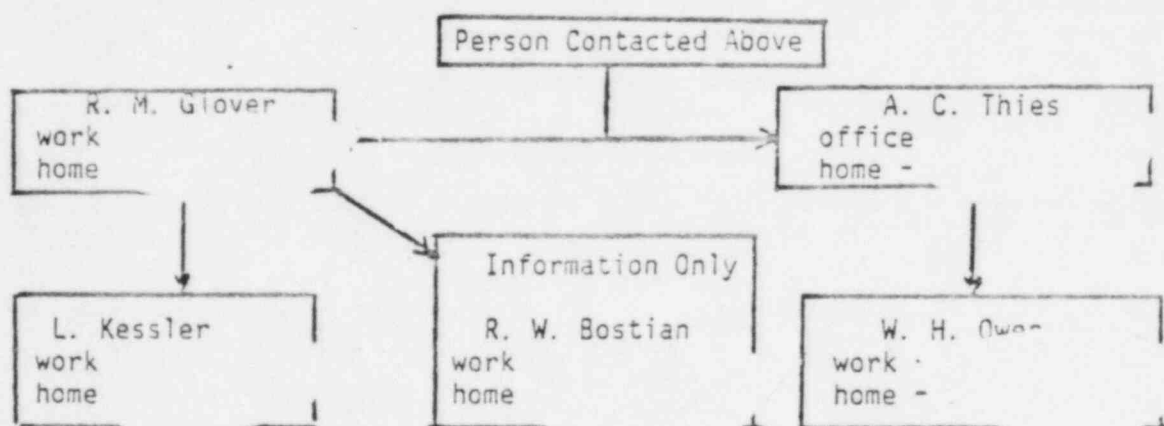
Call From Station

The person contacted by the Duty Engineer is responsible for contacting the others in this area (except for the manager of the affected station) and to make the two calls in the next section.



Facility Activation Note:

For Oconee, the quickest access in the evening hours is by automobile. In the daylight hours, one to one and one-half hours could be saved by flying a "core" group via Thurston from Charlotte to Clemson Airport.



CRISIS MANAGEMENT PLAN

IMPLEMENTING PLANS

5.3.4 - Scheduling/Planning Support Group

Rev. 7
Revision Number

June 15, 1983
Date

5.3.4 - Scheduling/Planning Support Group

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I. SCOPE

The Scheduling/Planning Support Group performs a dual role in emergency/recovery situations. During the emergency phase of an incident, the group provides direct support to the Recovery Manager and the other Function Managers by maintaining trending displays and logs of critical plant parameters and by periodically providing an analysis and review of important changes that have occurred. In the long term recovery effort the individuals perform the functions of planning work items, scheduling the effort, and checking the progress of the work.

Further, the Scheduling/Planning function includes Operations Support. Personnel in this section support the station in their need for additional manpower, analysis, or procedures in operations.

II. FUNCTIONAL RESPONSIBILITIES

A. Scheduling/Planning Support Group Manager

Reports to: Recovery Manager

Supervises: Scheduling/Planning Staff functions of Planning Coordinator, Scheduling Coordinator and Performance Monitor

Basic Functions:

This individual is responsible, in the emergency phase of an incident, for maintaining and updating plant status information in the nearsite Crisis Management Center (CMC) and to provide an informed contact for upper level management. In the recovery phase of an incident, this individual is responsible for formulating, coordinating, and expediting plans and schedules for the Recovery Manager.

Primary Responsibilities:

1. During the emergency phase of an incident:
 - a. Distribute updated plant status sheets and other information to CMC personnel (see procedure 5.3.9).
 - b. Update and maintain trends of critical parameters in Recovery Manager's office.
 - c. Provide a contact for upper-level management. This contact will be knowledgeable of plant systems and the emergency situation.
 - d. Provide a contact for NRC and INPO in the CMC.
2. During the recovery phase of an incident:
 - a. Meet with and evaluate reports developed by the Planning Coordinator, Scheduling Coordinator, and Performance Monitor.
 - b. Formulate plans and schedules for the upcoming work periods based on Coordinator and monitor recommendations and report evaluations.
 - c. Meet with the Recovery Manager as required. Present concise progress reports, activity schedules, and overall progress review meeting agendas.

B. Planning Coordinator

Reports to: Scheduling/Planning Support Group Manager

Supervises: N/A

Basic Functions:

In the emergency phase of an incident this position serves as the contact for upper level management and provides support in the update and maintenance of plant status information. Further, this individual, through the Scheduling/Planning Manager, keeps the Recovery Manager and Staff aware of critical parameters and status of the event.

In the recovery phase of an incident, this position serves as the focus for information from all recovery forces and formulates this information into a logical recovery plan. This position also maintains records and prepares progress reports on recovery operations. This position prepares the agenda for and keeps minutes of progress review meetings.

Primary Responsibilities:

1. In the emergency phase of an incident:
 - a. Serve as information contact for upper-level management (primary).
 - b. Maintains awareness of the situation, provides updates to the Recovery Manager every 30 minutes, and considers the potential release pathways in determining critical parameters.
 - c. Update INPO at 404-953-0904 or 404-953-5355 on a periodic basis.
 - d. Update NRC via the "Red Phone" on a periodic basis.
 - e. Works with Crisis News Director to prepare notepad entries on the situation. No less than every 2 hours an entry will be prepared, will be approved by the Recovery Manager, and will be logged onto notepad by either support personnel in Scheduling/Planning or G.O. staff normally responsible for this activity.
2. In the recovery phase of an incident:
 - a. Provide 24 hour coverage throughout the incident for this function.

- b. Establish a contact with each unit of the recovery team and the station staff.
- c. Arrange to receive up-to-date status reports of the unit/plant conditions from other crisis management groups. This information will be maintained on an up to date status board stating items such as temperature, pressure, chemistry, radiation levels, etc. The board will be in easy access to the Recovery Manager and Scheduling Planning Manager. A written version of this information will be prepared by the Planning Coordinator on a timely basis.
- d. Work with the Performance Monitors and other Crisis Management groups to determine the job requirements and basic information on all work activities to be performed. This information shall be maintained in report form and shall detail the work to be performed, the responsible individual, estimated work time, estimated manpower, and anticipated problems with meeting the scheduled work time. This information will be provided to the Scheduling Coordinator.
- e. Meet periodically with the Scheduling Coordinator and Performance Monitors to develop a concise overall recovery effort status report.
- f. Reporting requirements are described in Figure 1.

C. Scheduling Coordinator

Reports to: Scheduling/Planning Support Group Manager

Supervises: N/A

Basic Functions:

During the emergency phase of an incident, this position provides support in the update and maintenance of plant status information. During the recovery phase this position works with the planning coordination function to reduce recovery activities planning into a clear straightforward schedule for presentation to the Recovery Manager. Schedules will be presented using graphic techniques in such a manner that they can be revised as required.

Primary Responsibilities:

1. In the emergency phase of an incident:

- a. Assist in the update and maintenance of plant status information (trends, critical parameters, distribution of graphical analysis, etc.).
- 2. In the recovery phase:
 - a. Develop daily, two day, and long range (crisis duration), schedules from time and priority estimates provided by the Planning Coordinator, Performance Monitor, or other Crisis Management staff. This information will be made available in both graphic and written report form.
 - b. In their scheduling, use input from the Performance Monitors to determine whether or not a specific item is available for implementation on the present schedule.
 - c. Update the schedule board as new information becomes available and include project milestones that must be overcome on all three schedules. (i.e., daily, two day, and long range).
 - d. Receive progress reports on individual activities from the Performance Monitors to update schedules.
 - e. Meet periodically with the Planning Coordinator and the Performance Monitors to develop a concise overall recovery effort status report. The responsibility for the production of this report lies with the Planning Coordinator and he will supply the document developed within the group to the Scheduling/Planning Manager.
 - f. Reporting requirements are described in Figure 1.
 - g. Serve as the backup contact for senior level Duke Power Company management.

D. Performance Monitor

Reports to: Scheduling/Planning Support Group Manager

Supervises: N/A

Basic Functions:

In the emergency phase of an incident this position assists in the update and maintenance of plant status information. In the recovery phase this position monitors the execution of the recovery schedule and provides feedback information to the planning/scheduling functions.

Primary Responsibilities:

1. In the emergency phase of an incident:
 - a. Assist in the update and maintenance of plant status information.
2. In the recovery phase:
 - a. The Performance Monitors will meet periodically with the Scheduling and Planning Coordinators to develop a concise overall recovery effort status report. The responsibility for the production of this report lies with the Planning Coordinator and he will supply the document to the Scheduling/Planning Manager.

This report will list the individual events/activities and will detail the job description, percent completion, impact on the overall plan (i.e., job priority), any known delay or problem areas, recommendations to resolve known delay/problem areas, scheduled completion date, and expected completion date.

- b. Provide the Scheduling Coordinator a progress report for each individual event/activity on a timely basis. This report will list the following items:
 1. Event/activity title.
 2. Scheduled time frame for resolution of this item.
 3. Event status including manpower requirements, material needs, as well as technical/engineering support required from both inside and outside the responsible group.
 4. Projected schedule for upcoming "time/work" period including manpower and material requirements, and technical/engineering support necessary both inside and outside the responsible group for each phase of the job.
 5. Known/Anticipated - Delay/Problems. This will include an identification or description of these areas, the possible impact on this event's scheduled completion, and, if known, the impact on other related job schedules.
 6. Develop proposed recommendations to resolve known/anticipated delay/problem areas.

7. Reporting requirements are described in Figure 1.

E. Operations Support Coordinator

Reports to: Scheduling/Planning Manager

Coordinates: Support personnel assigned to the plant operations group and support personnel developing procedures for operations use.

Basic Functions:

1. Locates and schedules qualified manpower support for operations based upon needs specified by the plant and upon the actions planned by the recovery organization.
2. 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.

Primary Responsibilities:

1. Provides support to plant operations in monitoring plant parameters and analyzing plant conditions.
2. Provides support to plant operations in system valve alignment and equipment operations.
3. Acts as the point contact interface between the plant operations group and the recovery organization.
4. Provides support to plant operations as necessary to implement recovery organization objectives and collect plant information for the Data Facility.
5. Rewrite existing procedures as required to reflect accident conditions.
6. Convert plant recovery plans into clear, concise procedures for use by the plant operations group.

Principle Working Relationships

1. Plant operations designated contact regarding the most effective utilization of support personnel and implementation of recovery plans as they impact plant operations.
2. Data Facility Coordinator regarding needs for plant information.

3. Core Physics Coordinator regarding required operating procedures to protect the core.

III. SCHEDULING/PLANNING SUPPORT GROUP ACTIVATION

1. Once it has been determined that an Alert or higher classification event has occurred requiring the activation of the Crisis Management Organization, the Recovery Manager or his designee will contact the Scheduling/Planning Support Group Manager. This contact will be made according to the format of Figure E-2 of the Crisis Management Plan (CMP).
2. The Scheduling/Planning Support Group Manager will initiate activation of the group as described in Figure 2.
3. The group will report as noted on the initial callout.

IV. EMERGENCY FACILITIES - EQUIPMENT AND RESOURCES

A. Facilities

The Scheduling/Planning Support Group Manager is located in the Recovery Manager's office in the Crisis Management Center. For Ocone, the Recovery Manager is located in the Ocone Training Center. For McGuire and Catawba, Scheduling and Planning personnel are to report to WC-1010.

The breakdown of the group for WC-1222 and the nearsite CMC will be done at the time of need.

B. Equipment and Resources

1. Communication

Communication is by phone. See procedures 5.3.10 "Ocone Crisis Phone Directory" and 5.3.11 "McGuire/Catawba Crisis Phone Directory" for listings.

2. Equipment and Supplies

Status boards and 10 mile EPZ maps are stored at the Ocone Training Center in the Wachovia Building, 10th floor. These will be used as needed.

Procedure 5.3.9, "Procedure for Transmitting and Distributing Data and Information" is to be used by the group as called for in the procedure.

V. IMPLEMENTATION OF FACILITY AND EQUIPMENT

1. The phones for WC-1010 and the nearsite CMC group locations will be installed by the Administration and Logistics group. Additional phones can be made available by contacting the Manager of Administration and Logistics.
2. Upon arrival at the nearsite CMC, assure that the Recovery Manager's office is properly set up. See Figures H-12 of the CMP for McGuire/Catawba and H-6 for Ocone.

VI. LONG RANGE RECOVERY FUNCTIONS

1. As an event moves into a long-range recovery, appropriate work schedules will be developed. Group members will perform their recovery roles in this period.
2. Arrangements for food, lodging, and other services necessary for long range recovery will be made at the time.

Figure 1

Scheduling/Planning Manager and Group - Report Requirements

<u>Planning Coordinator</u>	<u>Scheduling Coordinator</u>	<u>Performance Monitors</u>
Unit Status (Temp., pressure, etc.) - Both graphical and written.	Develop daily, two day, and long range schedules in both graphic and written form.	Provide the S. Coordinator a progress report on each individual event/activity.
Work Activity Job Requirements - (work detailed, manpower, time, etc.) Provide to S. Coordinator.	Detail project milestones in a separate written report. Update schedules based on progress reports from the Performance Monitors.	Meet periodically with P. & S. Coordinators to develop a concise overall recovery effort status report.
Develop overall recovery status report with the assistance of the S. Coordinator and Performance Monitors.	Meet periodically with P. Coordinator and P. Monitors to develop concise overall recovery effort status report.	
Prepare agenda for and keep minutes of the progress review meetings.		

Figure 2
SCHEDULING/PLANNING FUNCTION
TELEPHONE NOTIFICATION LISTING

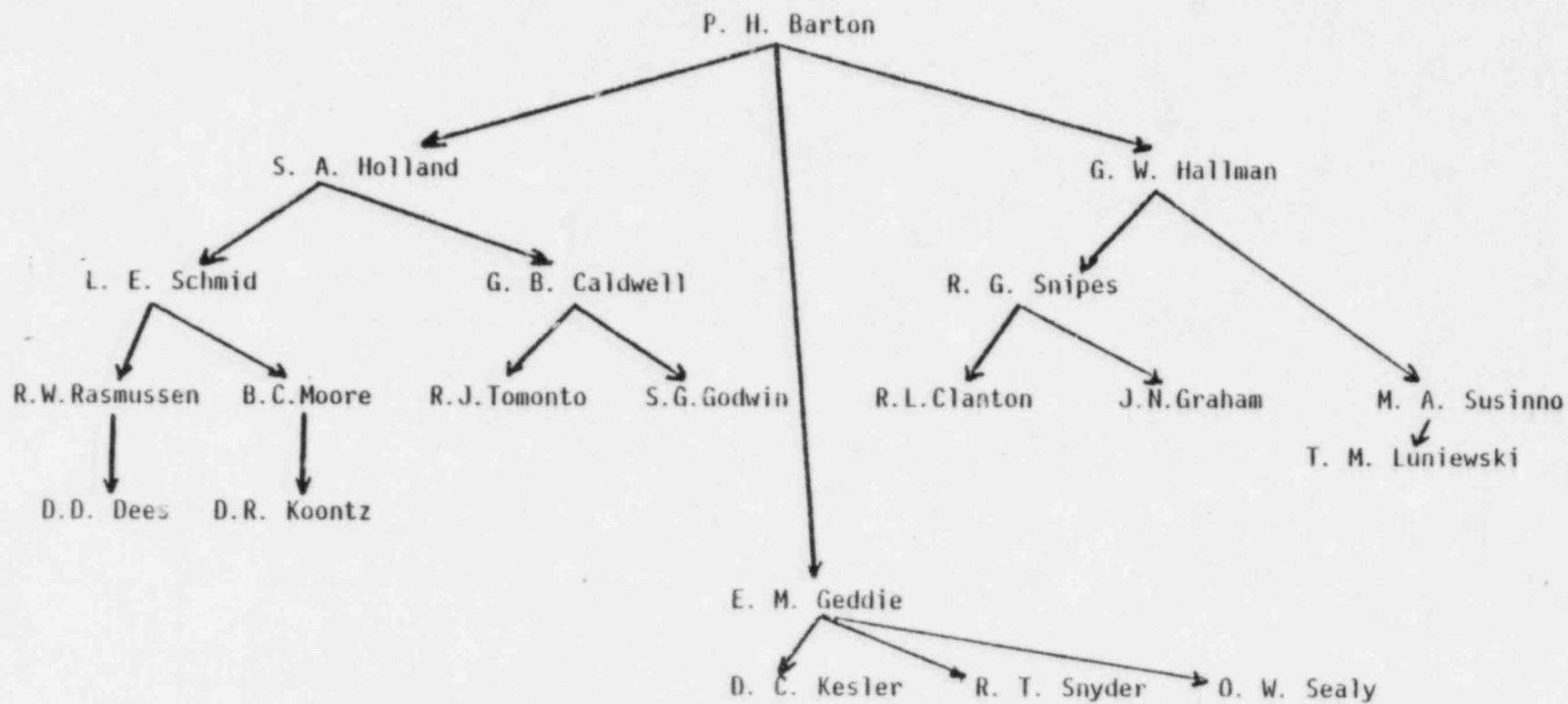


Figure 3
SCHEDULING/PLANNING FUNCTION
TELEPHONE DIRECTORY

<u>Name</u>	<u>Office</u>	<u>Home</u>
<u>Scheduling/Planning Manager</u>		
P. H. Barton		
<u>Alternates</u>		
S. A. Hoiland		
G. W. Hallman		
 <u>Planning Coordinator</u>		
L. E. Schmid		
 <u>Alternate</u>		
B. C. Moore		
D. D. Dees		
D. R. Koontz		
R. W. Rasmussen		
 <u>Scheduling Coordinator</u>		
R. G. Snipes		
 <u>Alternates</u>		
M. A. Susinno		
R. L. Clanton		
T. M. Luniewski		
J. N. Graham		
 <u>Performance Monitor</u>		
G. B. Caldwell		
 <u>Alternates</u>		
R. J. Tomonto		
S. G. Godwin		
 <u>Operations Support Coordinator</u>		
E. M. Geddie, Jr.		
 <u>Alternates</u>		
R. T. Snyder		
D. C. Kesler		
O. W. Sealy		

Figure 4

Scheduling/Planning Support Group

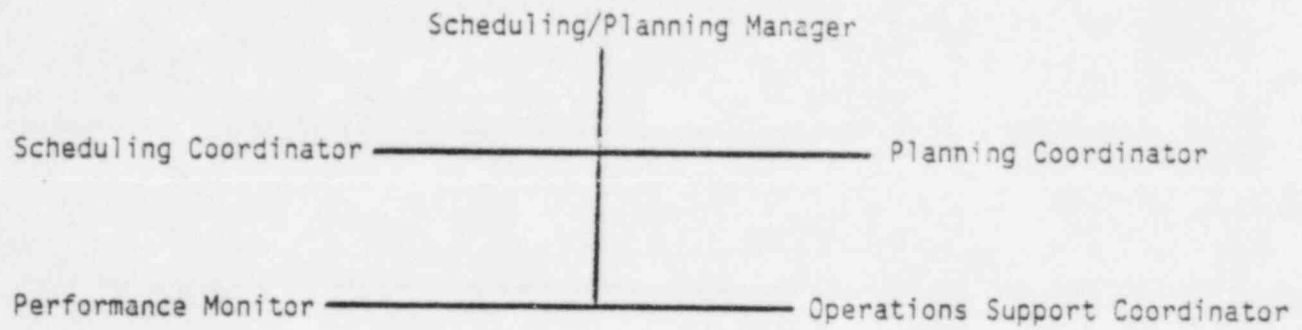


Figure E-2

Crisis Management Organization (CMO) Emergency Activation Message

The Nuclear Production Duty Engineer is contacted by the Nuclear Station in an emergency with information as shown in Figure E-4. The Duty Engineer contacts the Recovery Manager with that information. If the CMO is to be activated, the Duty Engineer uses this format to contact at least one person from each group shown in Figure B-12 of the Crisis Management Plan. Each group in the CMO uses this format to alert its members.

Your name _____.

Person who contacted you _____ Your Group _____.

Persons you contacted with this message _____
_____. (If Any)

Message Format

1. This is _____ (caller's name).
2. I am notifying you of a drill /actual emergency at _____ Nuclear Station, Unit No. _____.
3. At this time the class of emergency is:

Alert
Site Area Emergency
General Emergency.
4. You are to activate your portion of the Crisis Management Organization and have them report to: _____ the Charlotte General Office
_____ the Oconee Training Center
_____ the Liberty Retail Office
5. Specific Instructions (if any) _____

6. Please retransmit a copy of this completed format to the Emergency Response Coordinator.

June 15, 1983

Emergency Plan Participants:

For those of you who are new to the crisis news operation, welcome. For those of you who have participated in the past, we thank you and look forward to your continued professional performance.

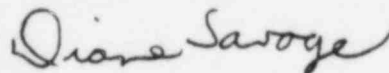
The McGuire emergency communications plan has been totally revised. The McGuire and Catawba plans are now combined in one. You will note that items referring to Catawba only are designated at the left margin. All other items refer to both McGuire and Catawba.

The most significant change is the Crisis News Center facility. The Crisis News Center will be located in the O. J. Miller Auditorium in the Electric Center in Charlotte and the News Center staff will be working out of the Corporate Communications offices located on the fifth floor of the Power Building.

This new plan goes into effect July 1, 1983. Destroy old copies of the McGuire emergency plan. Take a copy of the new one home and keep the second copy for office use. Put the McGuire/Catawba plan under the enclosed McGuire/Catawba section divider in the Crisis News Group Plan (orange binder).

Please call if you have any questions about the plan. I look forward to working with you on this next drill.

Sincerely,



Diane Savage
Community Programs Assistant

Enclosures

P. S. The "My Job" page should be inserted in front of your particular job description section for easy access.

CRISIS MANAGEMENT PLAN

IMPLEMENTING PLANS

5.3.2 - CRISIS NEWS GROUP PLAN

McGuire Nuclear Station

and

Catawba Nuclear Station

5.3.2 McGuire/Catawba Crisis News Group Plan

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I. PREAMBLE

A Crisis Management Plan (CMP) has been prepared for Duke Power Company nuclear facilities. The CMP is designed solely to assist personnel at the affected facility so that the emergency can be brought under control until it no longer is an emergency. Part of the CMP provides for a Crisis News Group and Crisis News Center (CNC).

There will be intense media interest in any kind of an event at a nuclear station that has the potential, as perceived by the media, to cause widespread damage and injury. From this standpoint, the CNC will play an important role in the recovery effort with ultimate direction coming from the Recovery Manager. The smooth functioning of the crisis news staff will go a long way toward keeping the crisis in perspective without unduly frightening the general public.

In order for the CNC to operate at a high credibility level, a series of functions has been developed so that Duke Power will communicate to different publics, each having a need to know basic information so that they may take whatever action is deemed appropriate. These functions and activities are explained in the following sections. The plan has been designed so that there are two 12-hour shifts. They are designated as Shift 1 and Shift 2. All designated section heads, once notified by the NC, are responsible for notifying other members of their support group. Refer to Call Tree p. 31. Annual retraining sessions will be held in order that everyone understands his/her role and any revision that may have been made.

To be effective, there necessarily must be a single spokesperson who will be dealing with the media. This spokesperson is clearly identified in a subsequent section along with the position functions. There may be times when others on the crisis news staff will be asked questions by the media and other publics such as employees, industry representatives and government officials. The questions should be answered if possible, but under no circumstance is a member of the crisis news staff authorized to speculate or go beyond the public statements that have been issued by the public spokesperson.

ABBREVIATIONS

A/VC	Audio/Visual Coordinator
ACND	Assistant Crisis News Director
CC	Communications Coordinator
CMC	Crisis Management Center
CMP	Crisis Management Plan
CNC	Crisis News Center
CND	Crisis News Director
COL	Catawba Owners Liaison
EPZ	Emergency Planning Zone
FGL	Federal Government Liaison
GC	Governments Coordinator
I/AC	Industry/Agency Coordinator
ICC	Internal Communications Coordinator
M	Monitor
MC	Media Coordinator
MRC	Media Registration Coordinator
PS	Public Spokesperson
SC	Support Coordinator
SCPL	State Command Post Liaison
SERT	State Emergency Response Team
SGL	State Government Liaison
TB	Technical Briefers

III. FUNCTIONAL RESPONSIBILITIES

A. Crisis News Director (CND)

<u>CRISIS NEWS DIRECTOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
-----------------------------	-----------------------------	---------------------------	------------------------

Shift 1 - MARY CARTWRIGHT
Shift 2 - MARY BOYD

Reports To: Recovery Manager

Supervises: Crisis News Group, Figure 1, p. 33-37.

Basic Functions:

1. Activate the primary/alternate Crisis News Center (CNC).
2. Manage all activities at the CNC for duration of the emergency.
3. Be the final arbiter on all decisions to be made with respect to operation of the CNC.
4. Upon notification of a crisis, determine degree of activation for CNC staff.
5. Call news conferences to order, introduce spokesperson and close the news conference.

Primary Responsibilities

1. Contact the Support Coordinator and indicate nature of the emergency, staffing requirements, and information to be released to the news media. (See Figure 2, p. 38, for message format for news group calls and Figure 3, p. 39 - McGuire, and Figure 4, p. 40 - Catawba, for calls to the media.)

<u>SUPPORT COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
--------------------------------	-----------------------------	---------------------------	------------------------

Shift 1 - DIANE SAVAGE
Shift 2 - SARA EPPERSON

Crisis News Director (CND)

Primary Responsibilities (cont'd)

2. Contact Public Spokesperson and direct individual to report to CNC. If unavailable, call Recovery Manager to determine who PS will be.

<u>PUBLIC SPOKESPERSON</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - HAL TUCKER			
Shift 2 - J. W. HAMPTON or			

M. D. MCINTOSH

RECOVERY MANAGER

GERALD VAUGHN

3. Call NRC Region 2 office in Atlanta to notify Public Information Officer (PIO) of nature of emergency, including plans for public dissemination of information.

<u>PUBLIC INFORMATION OFFICE</u>	<u>Office Telephone*</u>	<u>Home Telephone</u>	<u>Time Called</u>
KEN CLARK			
JOE GILLILAND			

CATAWBA ONLY

4. Contact the South Carolina Governor's Press Secretary or designee and brief individual on the emergency and location of the CNC.

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Primary: JUDY TURNIPSEED			
Alternate: PURDY MCCLOUD			

* After hours, calls are automatically transferred to Bethesda Operations

Crisis News Director (CND)

Primary Responsibilities (cont'd)

5. Call N. C. Department of Crime Control and Public Safety and brief individual on the emergency and location of the CNC.

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Primary: RUSS EDMONSTON			_____
Alternate: HIGHWAY PATROL COMMUNICATIONS			_____

6. Call vice president, corporate communications, Duke Power Company, Charlotte, N. C., and indicate nature of the emergency.

<u>VICE PRESIDENT CORPORATE COMMUNICATIONS</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
KEN CLARK			_____

Vice president, corporate communications, ensures staff is in place and assists CNC as appropriate.

7. Call ACND and request individual to report for duty at appropriate location and to set up news center with storage items and materials that have been reserved for such an event.

<u>ASSISTANT CRISIS NEWS DIRECTOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - MIKE DEMBECK			_____
Shift 2 - DEBBIE DUBOSE			_____

8. Proceed to the CNC and assist in assembly of CNC personnel. When the News Group is prepared to support the event, go to the Recovery Manager's office, WC-1010.

9. Keep the Crisis News staff up-to-date on the situation by holding periodic (1-2 hr.) briefings.

B. Assistant Crisis News Director (ACND)

Basic Functions

The ACND supports the CND and is responsible for notifying the State Command Post Liaison (SCPL) who reports to the MC. The ACND is responsible for supervising news center activities by directing the SCPL, CC, MC, and SC.

Primary Responsibilities

1. When contacted by the CND of the emergency situation, the ACND will then call the State Command Post Liaison and request they proceed to the Air National Guard facility at Douglas Airport (McGUIRE ONLY) or Clover Armory (CATAWBA ONLY).

McGuire and Catawba

<u>NORTH CAROLINA</u> <u>STATE COMMAND POST LIAISON</u>	<u>Office</u> <u>Telephone</u>	<u>Home</u> <u>Telephone</u>	<u>Time</u> <u>Called</u>
Shift 1 - DON HATLEY			_____
Shift 2 - BILL RIXON			_____

CATAWBA
ONLY

Catawba Only

SOUTH CAROLINA
STATE COMMAND POST LIAISON

Shift 1 - CHRIS ROLFE
Shift 2 - GARY HEDRICK

2. The ACND will confer regularly with the SCPL. The SCPL will discuss/exchange information with state/county information personnel to ensure rapid, accurate response to any rumors that develop in the state/county center. The ACND will be responsible for developing responses to these rumors.
3. The ACND will keep the crisis news staff and G.O. staff up-to-date on the situation by conducting hourly briefings.

C. Public Spokesperson (PS)

Basic Functions/Primary Responsibilities

Of all positions, the PS is the most important from the standpoint of presenting consistent, accurate and factual information and as such is the only member of the Crisis News Team, once arriving at the CNC, who is authorized to speak for Duke Power Company while the crisis continues. The PS will address only company actions and will not discuss state or local activities.

This individual, once informed by the CND that an emergency exists, will immediately go to the CNC so as to be prepared for subsequent public pronouncements. The PS, while assigned to the CNC staff, will be located in the Recovery Manager's office during most of the time on duty. The PS needs to be up-to-date on the event so that there is less chance for faulty communications during news briefings.

It is expected that at least three news conferences per day will be held, more if necessary. The PS will work with the CND in determining news conference times and what visuals may be needed and what is to be covered. The PS and CND also will determine the non-technical language to be used during media briefings.

Other team members are encouraged to attend news conferences so as to better understand the events surrounding the crisis in order to transmit information to others who may ask questions or need clarification on an issue.

News conferences will be conducted in the O. J. Miller Auditorium in the Electric Center in Charlotte.

All news releases and public announcements will be approved by the CND and the Recovery Manager. News releases must be reviewed by the NRC site team manager. Assistance in developing the various public announcements will be provided by the PS.

D. Monitor (M)

Basic Functions/Primary Responsibilities

1. This individual, who reports to the CND, will take a position in the Recovery Manager's office and will monitor events as they change.
2. When the CND and/or PS are not in the Recovery Manager's office, the monitor takes notes on the situation and updates the CND and PS.

E. Support Coordinator (SC)

Basic Functions

1. Assist the ACND.
2. In very early phase of an emergency make a number of telephone calls to group members.
3. Reporting to the ACND, the SC is responsible for ensuring that all news releases and transcripts are typed and distributed in a timely manner. Prior to each news conference, the SC will notify the court reporters and ensure that they are in place. The SC will assist the MC in setting up the auditorium prior to each news conference.

The SC supports the ACND by taking quality assurance responsibility for the news center operation.

4. Will make sure all support materials are available and ready for use.
5. Keeps section up-to-date on an hourly basis on situation developments.

Primary Responsibilities

1. Upon notification by the CND of an emergency requiring activation of the CNC and its staff, contact the requested staff members and advise them of the nature of the emergency and request them to proceed to the CNC where they will take up positions. (Use Figure 2, p. 38, for logging information from the CND and to provide information to news group members.) See Figure 5, p. 41-42, for the Support Coordinator Call List. See Figure 7, p. 46-55, for the five call lists to the media.

- a. Call SC second shift to assist in making first notification calls.

- (1) SC second shift will notify:

MC	CC
MRC	ICC
TB	I/AC
A/VC	COL
	GC

- (2) SC second shift is free to resume other activities.

Support Coordinator (SC)

Primary Responsibilities (cont'd)

- b. Contact Court Reporting Services requesting they send individuals to CNC. These persons will transcribe all news conferences and make hard copy available within a very short period.

COURT REPORTING
SERVICES

Office
Telephone

Home
Telephone

Time
Called

BARBARA MILLER
ANN TRAMMELL
SANDRA GRIFFIN

2. At conclusion of calls, the SC and staff will provide assistance as directed by the ACND.
3. Call GO Switchboard to inform them of event so they may refer all calls to 704/373-8138.

Office
Telephone

Time
Called

FRAN BUMGARNER
after 5:00 p.m.

4. At appropriate time, confer with ACND to determine what second shift functions are needed, the number of people needed and the time they will be needed. Then contact second shift staff advising them of same.

F. Secretarial Team

Basic Function

To provide clerical/secretarial support within the crisis news group or as requested by the SC.

Primary Responsibilities

1. Type and hand deliver all news releases listed below.
2. Telecopy all news releases to appropriate agencies listed below.
3. Type and distribute CONTACT as deemed appropriate by the ICC.

HAND DELIVER (news releases and news conference transcripts)

- (1) CNC personnel
- (2) Post on Corporate Communications bulletin board
- (3) Executive Staff:
 - Ken Clark.....Corp. Comm.
 - W. S. Lee.....PB-3020
 - W. H. Owen.....PB-3020
 - W. H. Grigg.....PB-3020
 - A. C. Thies.....PB-3090
 - F. A. Jenkins.....PB-3010B
 - D. W. Booth.....PB-4034
 - H. L. Cranford.....PB-4032
 - D. H. Denton.....PB-4008
 - J. S. Major.....PB-1085
 - J. D. Hicks.....PB-5105
 - S. C. Griffith.....PB-5121
- (4) AP, UPI, CHARLOTTE OBSERVER, CHARLOTTE NEWS: Knight Publishing Co., 600 S. Tryon Street., 5th Floor (8 a.m. - 5 p.m.). After 5 p.m., telecopy to AP and UPI (see below).

TELECOPY (news releases)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>INPO</u>	Angie Howard	(8 am-5 pm)	(8 am-5 pm)
		(24 hrs.)	
		automatic-6 mins.	

Secretarial Team

Primary Responsibilities (cont'd)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>AIF</u>	Scott Peters, or Carl Goldstein, or Paul Turner	(switchboard, then to automatic machine-6 mins. (8 am-5 pm)	(8 am-5pm)
<u>NSAC</u>	Ray Schuster, or Dan Van Atta	(24 hrs.) automatic-6 mins.	(7:30 am-5 pm)
<u>ANS</u>	V. Gay Easley, or Darlene Schmidt	(24 hrs.) automatic-6 mins.	(8 am-5 pm)
<u>EEI</u>	Kirk Willison	(24 hrs.) automatic-6 mins.	(8:30 am-5:30 pm)
<u>NRC</u>	Ken Clark	(24 hrs.) automatic-6 mins.	(8 am-5 pm)
<u>WESTINGHOUSE</u>	Mike Mangan	(24 hrs.) automatic-6 mins.	(8 am-5 pm)
<u>CATAWBA ONLY</u>	SC State Gov. Office	Bill Goodwin manual-6 mins ask for Doris Cobb	
<u>CATAWBA ONLY</u>	<u>AP</u>		(Columbia)
	<u>AP</u>	(Raleigh) (Not staffed 12:30 am-6:00 pm, Sundays only)	
<u>CATAWBA ONLY</u>	<u>UPI</u>		(Columbia)
	<u>UPI</u>	(Raleigh) (Not staffed 1:00 am-5:00 am, seven days a week)	

G. Media Notification Team

Basic Function

1. Assists the SC.
2. Makes media calls as directed by the SC from media call list, Figure 7, p. 46 to p. 55.
3. At completion of calls, assists with clerical/secretarial support within the crisis news group as directed by the SC.

H. Media Coordinator (MC)

Basic Functions

1. The Media Coordinator directs activities of the media registration coordinator, technical briefers and audio-visual staff. The MC ensures that the media have all necessary resources (both information and equipment).
2. The MC is familiar with the planned actions of the various support functions in the unit and is responsible for the overall smooth operation of this section.
3. MC will see that activities of the support functions are coordinated properly.
4. Keep section up-to-date on an hourly basis on situation developments.
5. Note key activity under ACND on page 7.
6. Organizes news conferences by notifying media, setting up auditorium and distributing news releases and transcripts (as appropriate).

I. Media Registration Coordinator (MRC)

Basic Function

This individual will work closely with all media representatives, making sure that they are registered upon arrival at the CNC. The MRC and staff will make the media aware of what facilities are available, will maintain a record of the media covering the crisis, issue press kits, news releases, and will coordinate with federal and state representatives when they arrive at the CNC.

Information representatives from the utility industry, trade associations and government agencies are directed to the Industry/Agency Coordinator (I/AC).

Primary Responsibilities

1. Upon notification by the NC that the CNC is being activated, the MRC will call:

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - FRANK GUDGER (Section Head PAT TATE EARL CARPENTER			_____ _____ _____
Shift 2 - PALMER HOLT (Section Head) CAROL BARRETT JIM HALE			_____ _____ _____

These people will operate from the News Room and will issue press kits, any news releases that may be applicable and advise media on available facilities (tables, typewriters, telephones, paper, etc.).

2. Proceed directly to CNC and prepare for arrival of media. Position staffer as soon as possible at road entrance to facility.
3. Will set up news conferences and will, to best of ability, inform media of next scheduled news conference.
4. If necessary, and after consultation with CND, will utilize services of ICC for assistance in media registration and will post current news releases in the registration area in the lobby of the Electric Center in Charlotte.

Media Registration Coordinator (MRC)

Primary Responsibilities (cont'd)

5. One member of each shift will assist security by identifying and registering media representatives (including information representatives from the utility industry, trade associations and government agencies) arriving at the CNC. Registration will consist of media and information representatives providing some type of identification upon entering the Crisis News Center. Upon confirmation a badge will be made and given to the individual for the duration of the emergency.

Once the ID is made, the media and information representatives would be allowed to proceed to the Crisis News Center.

6. MRC will make sure all news releases are posted in the registration area in the lobby of the Electric Center in Charlotte and that copies are telecopied to the Emergency Coordinator in the Technical Support Center.

McGUIRE ONLY
EMERGENCY COORDINATOR

Telecopy
Number

Time
Called

MAURICE McINTOSH

CATAWBA ONLY
EMERGENCY COORDINATOR

JIM HAMPTON

7. MRC will function throughout duration of crisis.

J. Technical Briefers (TB)

Basic Functions

The TB have two basic functions:

1. Explain and define nuclear terms and operations for the media and public officials.
2. Conduct tours provided such can be accomplished under existing conditions.

At least three TB will be on duty at all times and will be available to provide information to the media after and between news briefings when the PS may not be available. The TB will be HP and security badged for McGuire/Catawba.

Primary Responsibilities

1. Upon notification by the NC that the CNC is to be activated, the TB will go to the CNC to perform their role.
2. Brief the state PIO and keep them informed of plant developments.

K. Audio/Visual Coordinator (A/VC)

Basic Functions

This individual is responsible for maintaining electrical and electronic equipment (especially during news conferences) used by the Crisis News Center staff. Further, the A/VC videotapes all news conferences so that a company record exists on public statements. The videotapes may be needed during "off hours" for viewing and review by incoming media and others who have a need for the information. Fresh tapes are to be used for each briefing.

The A/VC also may be requested by the CND to make duplicate recordings for some media representatives. Once the CNC is closed, all tapes should be properly labeled and forwarded to General Manager, Media and Community Relations, Corporate Communications.

News conferences will be scheduled in the O. J. Miller Auditorium in the Electric Center in Charlotte.

Primary Responsibilities

1. Upon notification by the NC that the CNC is to be activated, the A/VC will determine personnel needs and call in support as necessary:

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - JIM REYNOLDS, III	/	/	_____
MICKIE STEVENS			_____
Shift 2 - TONY BARNES	/		_____
RALPH BRADSHAW, JR.			_____

2. Proceed immediately to CNC.
3. Check with MRC to determine when first activities are likely to be held so that A/VC may be properly prepared to handle CNC needs and influx of media representatives.
4. Remain at CNC for duration of crisis.

L. Communications Coordinator (CC)

Basic Function

1. The Communications Coordinator directs the activities of the ICC, I/AC, GC, SGL and FGL. The CC ensures that all communications with industry representatives, employees and elected officials are consistent and timely.
2. The CC is familiar with the planned actions of the various support functions in the unit and is responsible for the overall smooth operation of this section.
- CATAWBA ONLY 3. The CC directs the activities of the COL and ensures that all communications with Catawba owners are consistent and timely.
4. Keeps section up-to-date on an hourly basis on situation developments.

M. Internal Communications Coordinator (ICC)

Basic Function

The basic function of this position is to coordinate rumor control activities within Duke Power Company and to communicate the nature of the emergency to employees throughout the system.

Primary Responsibilities

1. Make at least 3 general status reports per day for system wide distribution.

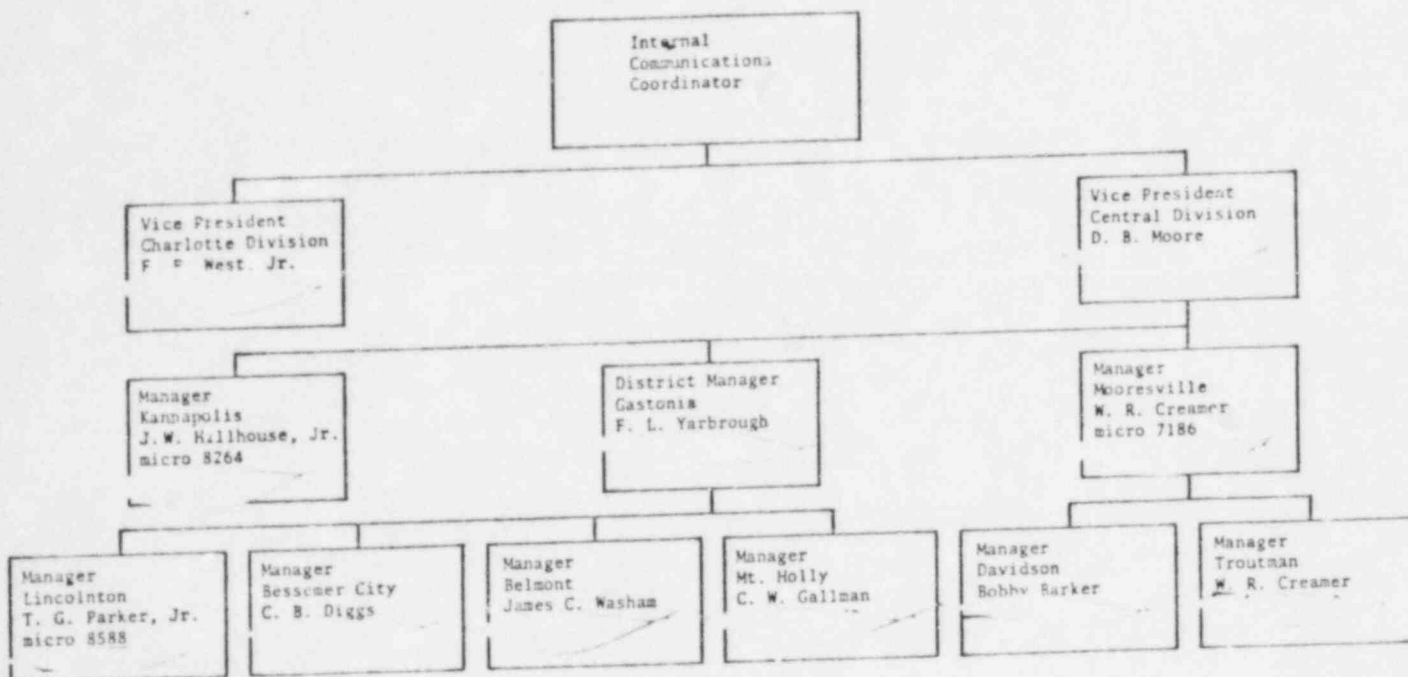
- Before 8:00 A. M.
- At 12:00 Noon
- At 4:00 P. M.

2. Contact one of the following persons to report to the CNC and assist ICC as necessary:

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - ROBIN LOWE			
Shift 2 - CATHY ROCHE			

3. Call the following vice presidents in affected plant area and advise them of event so they can respond to customer inquiries and ask them to continue calling as designated on "telephone tree" p. 22 - McGuire and p. 23 - Catawba.

Telephone Tree
McGuire Nuclear Station

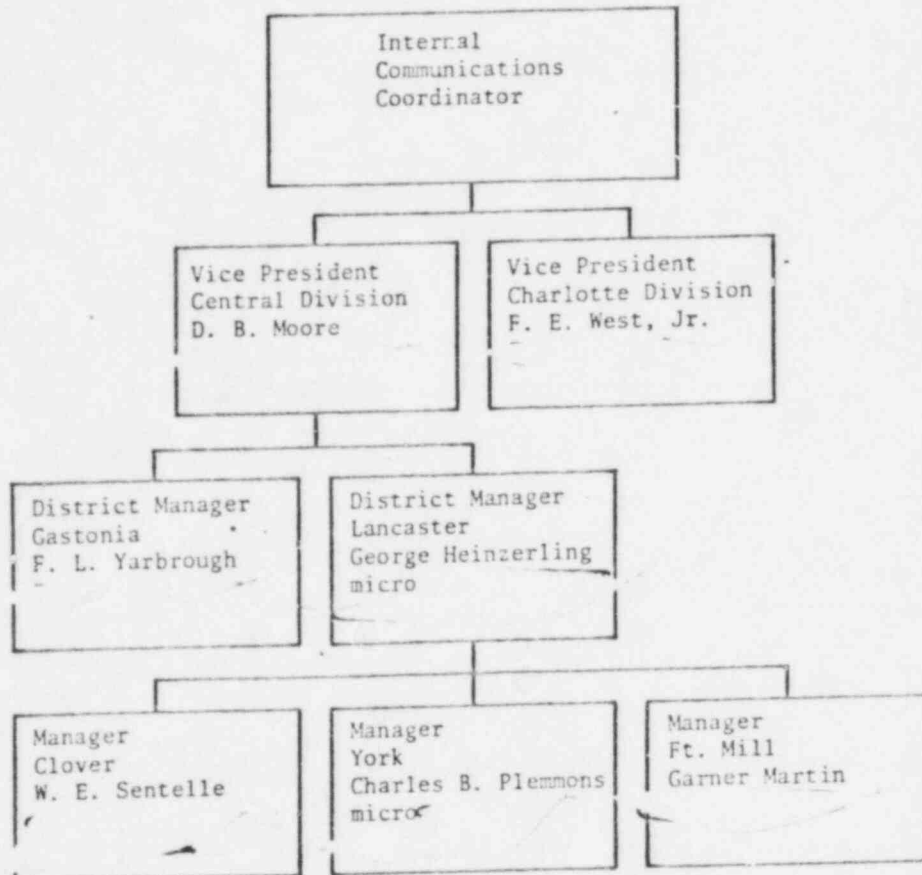


Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

Telephone Tree

Catawba Nuclear Station



Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

4. ICC proceeds immediately to CNC to take up position.
5. Transmit the following to independent/dependent locations via the CONTACT system.

A Crisis Management rumor control has been established and is for use by all independent/dependent location personnel.

During the current plant emergency, you may receive questions from customers. Follow these guidelines when responding:

- a. Read the latest news release that you received from Employee Communications.
 - b. Provide basic statistical information on the station (location; manufacturer, size, year of operation, etc.) if requested.
 - c. Use the emergency brochure as your guide in providing general information. Quote directly from the brochure.
 - d. Do not speculate or go beyond the content of news releases, emergency brochure or any other up-to-date company publication.
 - e. If you cannot answer a question, either transfer the call to Corporate Communications in the General Office or ask the caller to call collect . . . or
6. Disseminate information to company employees through bulletin boards, NEWSBRIEFS, CRT.
 7. Assist the MRC (see MRC Section, Section I-4, p. 16).
 8. Remain at CNC until crisis is over and services are no longer needed.

N. Industry/Agency Coordinator (I/AC)

Basic Function

Public information representatives from the utility industry, associations and governmental agencies could arrive at the CNC and assist the crisis news staff during a crisis. The I/AC will see that adequate office space and communications facilities are available. He/she will keep them updated on crisis development (including hand carrying news releases to NRC staff and advising same of media briefings) and will, if possible, monitor information reported back to their respective organizations and obtain copies of formalized statements.

Primary Responsibilities

1. Upon notification by the NC that the CNC is to be activated, the I/AC will contact the organizations in Figure 8, p. 56-57 (Industry/Agency Coordinator Call List), to inform them of the accident and that he/she is their contact during the crisis.
2. Report to CNC as soon as possible to take up position.
3. Issue press kits to information representatives when registered. An ID badge will be issued to the representatives.
4. The I/AC will regularly confer with ACND and representatives from above organizations, including NRC, and exchange information on rumur development so that accurate response, if necessary, can be made by appropriate group. The CNC response will be developed by the ACND.
5. Remain at CNC for duration of the crisis.

Basic Functions

The COL will contact the Catawba owners informing them of the crisis and the progress that is being made and make periodic calls to them even if the situation remains unchanged.

The COL will brief the owners and inform them that he/she is their contact for future reports.

Primary Responsibilities

1. Upon notification by the SC that the CNC is being activated, the COL will contact those persons in Figure 9, p. 58, COL Call List and proceed directly to the CNC.
2. Repeat the calls every 3 to 4 hours or as warranted by the situation.
3. Remain at CNC for duration of the crisis.

P. Governments Coordinator (GC)

Basic Functions

This individual will be responsible for notifying the State Government Liaison (SGL) and the Federal Government Liaison (FGL) and elected officials in the Emergency Planning Zone (EPZ) of the crisis and the progress that is being made. The SGL and FGL will contact elected officials on a state and federal level who represent the affected area.

The GC and the two liaisons will make periodic calls during the crisis as developments change, and should make contacts even if the situation is unchanged. They will brief the officials, inform them they are the contact for future reports and make arrangements to locate them on a regular basis for the duration of the crisis.

The GC also will assign two people from the Charlotte Division whose job will be to monitor and tape as many radio and TV news programs as possible (within divisions) that deal with the emergency during the course of the crisis. The audio tapes will provide a permanent record of what was said in the area. The audio tapes should be sent to General Manager, Media and Community Relations, Corporate Communications, at the conclusion of the crisis. More importantly, by monitoring, the individuals will be able to pick up on rumors or other flagrant inflammatory statements. These statements should be orally communicated as soon as possible to ACND who will then confer with the CND to determine if a rebuttal is necessary.

The GC and two liaisons should be aware that the executive branches of government are being notified by Duke Power through other avenues, and that appropriate local, state and federal agencies dealing with public health and safety have already been informed of the crisis.

Primary Responsibilities

1. Upon notification by the NC that the CNC is to be activated, the GC will contact those persons listed in Figure 10, p. 59-61, Governments Coordinator Call List.
2. Report to the Communications Coordinator in Corporate Communications. The GC will monitor crisis developments, make update reports to SGL and FGL and then continue to keep EPZ officials updated on developments.

Q. State Government Liaison (SGL)

Basic Functions

The SGL will contact members of the state legislative delegation from the EPZ counties informing them of the crisis and the progress that is being made and make periodic calls to them even if the situation remains unchanged.

The SGL will brief the officials, inform them that he/she is their contact for future reports and make arrangements to locate them on a regular basis for the duration of the crisis.

The SGL is not required to go to the CNC since the following contacts can be accomplished from the normal work place or from home.

Primary Responsibilities

1. When contacted by the GC that the CNC is to be activated, the SGL will contact those persons in Figure 11, p. 63-67, SGL Call List.
2. Repeat the calls every 3 to 4 hours, or as warranted by the situation.

R. Federal Government Liaison (FGL)

Basic Functions

The FGL will contact elected officials on a federal level who represent the affected area, informing them of the crisis and the progress that is being made and make periodic calls to them even if the situation remains unchanged.

The FGL will brief the officials, inform them that he/she is their contact for future reports and make arrangements to locate them on a regular basis for the duration of the crisis. This individual is not required to go to the CNC since the following contacts can be accomplished from the normal work place or from home.

Primary Responsibilities

1. When contacted by the GC that the CNC is to be activated, the FGL will contact those persons in Figure 12, p. 68-71, FGL Call List.
2. Repeat the calls every 3 to 4 hours, or as warranted by the situation.

S. State Command Post Liaison (SCPL)

Basic Function

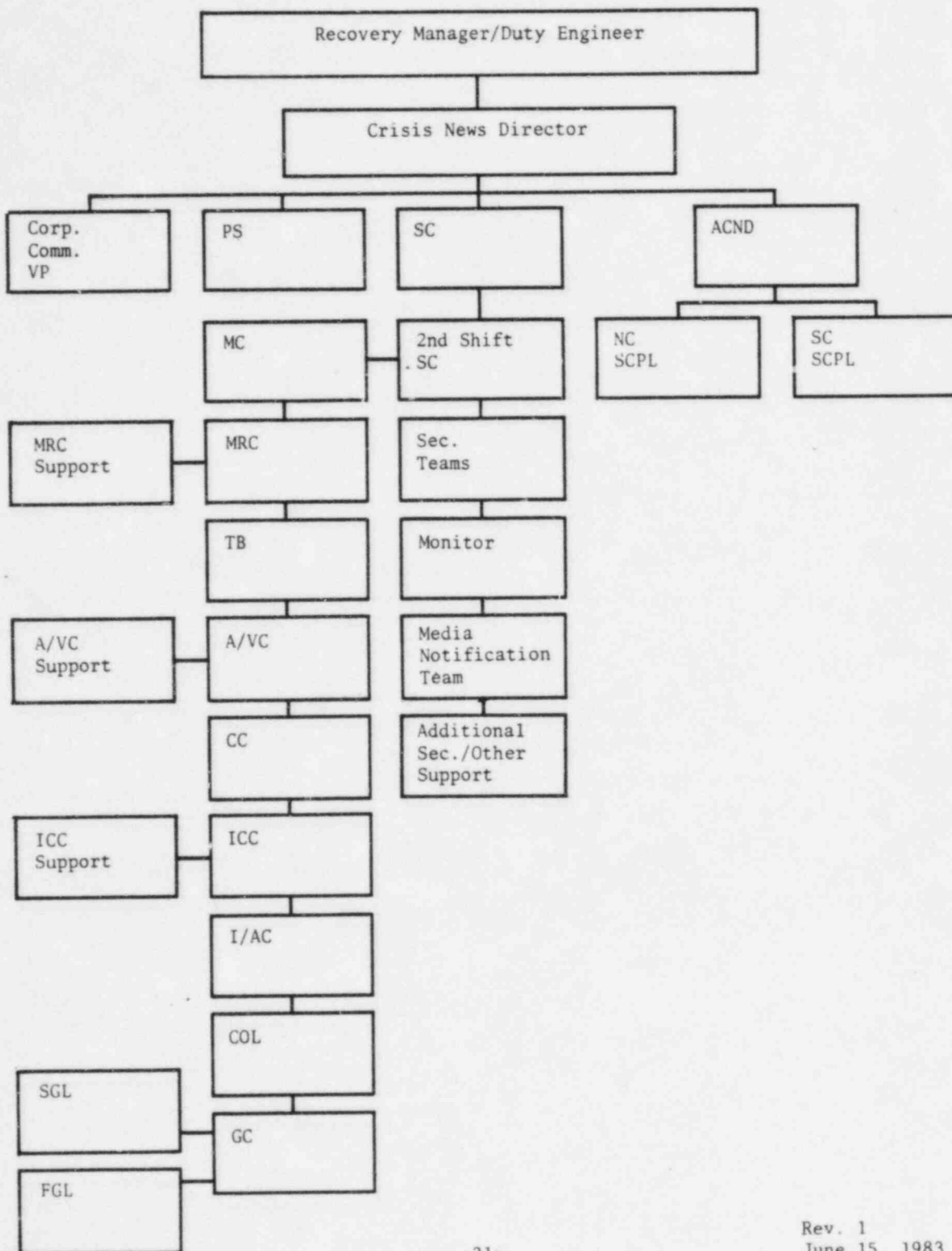
The SCPL will serve as a conduit between the CNC and the state, making sure the state has all necessary information for its own news releases. In addition, the SCPL will keep the CNC informed of any public announcements or news conferences that are being scheduled by the state.

Primary Responsibilities

1. Interface with ACND to transmit information on any rumors that arise in the state/county command post.

IV. NEWS GROUP ACTIVATION

Upon a call for activation of the CNC,
this "call tree" will be used.



V. CRISIS NEWS CENTER FACILITY

As described in Figure 13, p. 72, the CNC for McGuire Nuclear Station/Catawba Nuclear Station is the O. J. Miller Auditorium in the Electric Center in Charlotte. Access to the facility is as shown in Figure 14, p. 73.

The CND, PS, and Monitor will take up positions in the Recovery Manager's office as shown in Figure 15, p. 74.

Figure 1
News Center Organization
McGuire Nuclear Station/Catawba Nuclear Station

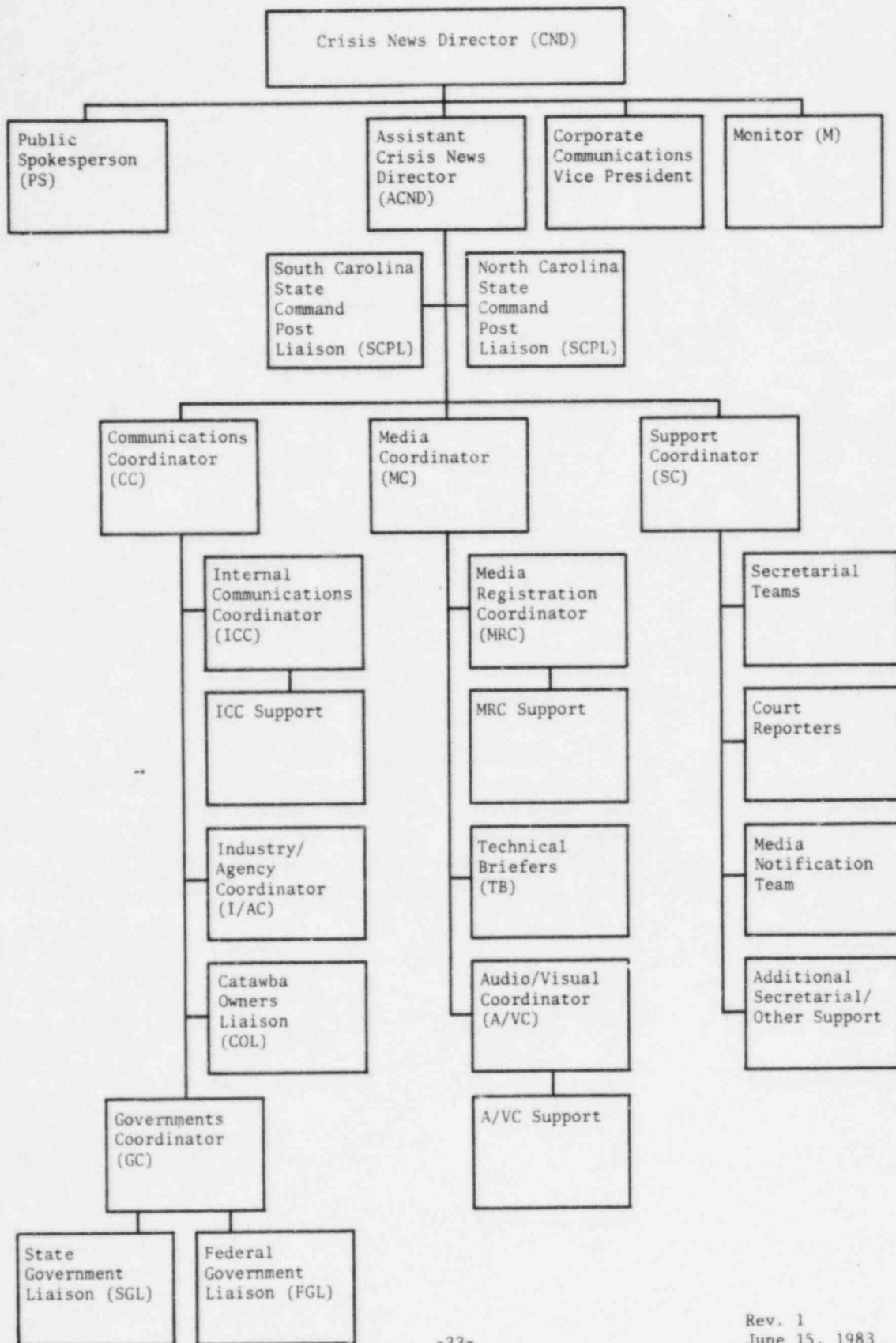


Figure 1 (cont'd)

NAME/TITLE

Crisis News Director

Shift 1 - Mary Cartwright
Shift 2 - Mary Boyd

Assistant Crisis News Director

Shift 1 - Mike Dembeck
Shift 2 - Debbie DuBose

Vice President, Corporate Communications

J. Kenneth Clark

Support Coordinator

Shift 1 - Diane Savage
Shift 2 - Sara Lee Epperson

Public Spokesperson

Shift 1 - H. B. Tucker
Shift 2 - J. W. Hampton or M. D. McIntosh

Monitor

Shift 1 - Don Blackmon
Shift 2 - Furman Wardell

Secretarial Team

Shift 1 - Beth Masurat - Section Head
Pearl McBride
Janice Wright

Shift 2 - Barbara Brown - Section Head
Priscilla Ledbetter
Carolyn Layman

Communications Coordinator

Shift 1 - Phil Carter
Shift 2 - Sondra Wise

Internal Communications Coordinator

Shift 1 - Bill Yoder
Shift 2 - Kathy Bryant

Figure 1 (cont'd)

Internal Communications Coordinator Support

Shift 1 - Robin Lowe
Shift 2 - Cathy Roche

Industry/Agency Coordinator

Shift 1 - Larry Davison
Shift 2 - Chris Graybeal

Technical Briefers

Shift 1 - Andy Thompson - Section Head
Suzanne Isola
Harvey Deal
David Peterson
Richard Wilson
Les Stallings

Shift 2 - Joe Maher - Section Head
Pat Osburn
Harry Sloan
Lou Duncan
Steve Frye
John Wylie

Media Coordinator

Shift 1 - Cecily Newton
Shift 2 - Alex Coffin

Media Registration Coordinator

Shift 1 - Stick Williams
Shift 2 - Murray Craven

Media Registration Coordinator Support

Shift 1 - Palmer Holt - Section Head
Carol Barrett
Jim Hale

Shift 2 - Frank Gudger - Section Head
Pat Tate
Earl Carpenter

Governments Coordinator

Shift 1 - Rick Deese
Shift 2 - Elizabeth Harmon

Figure 1 (cont'd)

Audio/Visual Coordinator

Shift 1 - Pat Payne
Shift 2 - Hugh Deadwyler

Audio/Visual Coordinator Support

Shift 1 - Jim Reynolds
Mickie Stevens
Shift 2 - Tony Barnes
Ralph Bradshaw, Jr.

State Government Liaison

Shift 1 - Roy Wall
Shift 2 - Billie Henderson

Federal Government Liaison

Shift 1 - John Hicks
Shift 2 - Barbara Simpson

North Carolina

State Command Post Liaison

Shift 1 - Don Hatley
Shift 2 - Bill Rixon

South Carolina

State Command Post Liaison

Shift 1 - Chris Rolfe
Shift 2 - Gary Hedrick

Catawba Owners Liaison

Shift 1 - Dan Brown
Shift 2 - Al Neely

Figure 1 (cont'd)

Media Notification Team

Shift 1 - Joyce Beyer - Section Head
Wilma Kinard
Peggy Henderson
Judy Porter
Debbie Hawkins

Shift 2 - Bernie Mills - Section Head
Sheila Zink
Fraher Brown
Beth Davis
Marie Hinson

Additional Secretarial/Other Crisis News Center Support

Secretarial Support

Delilah Suggs
Marsha Halsey
Laura Gaskey
Annette Isenhour

Other CNC Support

Toney Mathews
Mary Cele Bain
Wendy Jefferies
Jesse Swords
Carl Leonard

Division Operations

Sue Parsons
Roy Morris
Dee Whisenant
Sharon Decker

Figure 2

Crisis Management Organization
Emergency Activation Message

This sheet is to be used by persons making notifications to other members of the Crisis Management Organization, to ensure that all pertinent information is passed on to the staff before their departure to their General Office Staging Area.

Message Format

1. This is _____ (caller's name).
2. I am notifying you of a drill/actual emergency at _____
_____ Nuclear Station, Unit No. _____.
3. At this time, the class of emergency is:

Alert

Site Area Emergency

General Emergency
4. You are to activate your portion of the Crisis Management Organization and have them report to the Charlotte General Office.
5. Specific Instructions (if any): _____

6. Please return a copy of this completed format to the Emergency Response Coordinator, R. M. Glover, WC-2369, Charlotte, N. C.

Figure 3 - McGUIRE ONLY

FROM: Corporate Communications Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

THIS (IS/IS NOT) A DRILL

McGuire Nuclear Station -- Duke Power Company reported an (alert/
site emergency/general emergency) at its McGuire Nuclear Station located near
Cornelius, N. C. at (time) on (date).

Preliminary information indicates (give nature of problem).

The status of the accident situation is (stable/improving/degrading/not known).

A release of radioactivity (is/is not) taking place. (Specific
information if release is taking place.)

Additional details will be provided as available.

THIS (IS/IS NOT) A DRILL.

For further information, call Corporate Communications in Charlotte at

NOTE: A news center is being activated at the O. J. Miller Auditorium in the
Electric Center in Charlotte. Facilities will be made available at the
center for media representatives. The news center phone number is

Figure 4 - CATAWBA ONLY

FROM: Corporate Communications Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

THIS (IS/IS NOT) A DRILL

Catawba Nuclear Station -- Duke Power Company reported an (alert/
site emergency/general emergency) at its Catawba Nuclear Station located near
York, S. C. at (time) on (date).

Preliminary information indicates (give nature of problem).

The status of the accident situation is (stable/improving/degrading/not known).

A release of radioactivity (is/is not) taking place. (Specific
information if release is taking place.)

Additional details will be provided as available.

THIS (IS/IS NOT) A DRILL.

For further information, call Corporate Communications in Charlotte at

NOTE: A news center is being activated at the O. J. Miller Auditorium in the
El Centro Center in Charlotte. Facilities will be made available to the
media for news representatives. The news center phone number is
_____.

Figure 5
Support Coordinator Call List

<u>Persons To Notify</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. <u>Shift 2 Support Coordinator (SC)</u>			
SARA LEE EPPERSON			
2. <u>One Secretarial Team Member For Each Shift</u>			
Shift 1 - BETH MASURAT (Section Head)			
PEARL McBRIDE			
JANICE WRIGHT			
Shift 2 - BARBARA BROWN (Section Head)			
PRISCILLA LEDBETTER			
CAROLYN LAYMAN			
3. <u>Monitor (M)</u>			
Shift 1 - DON BLACKMON			
Shift 2 - FURMAN WARDELL			
4. <u>One Media Notification Team Member For Each Shift</u>			
Shift 1 - JOYCE BEYER (Section Head)			
WILMA KINARD			
PEGGY HENDERSON			
JUDY PORTER			
DEBBIE HAWKINS			
Shift 2 - BERNIE MILLS (Section Head)			
SHEILA ZINK			
FRAHER BROWN			
BETH DAVIS			
MARIE HINSON			

SC contacts one of the two five member staffs. SC designates a call list from Figure 7, p. 46-55, to each of the five members. Together the five call media representatives advising them of the situation. Make calls direct to save time.

In the event that the emergency occurs in the afternoon (PM), call the morning (AM) newspapers first. If the emergency occurs in the morning (AM), call the afternoon (PM) newspapers first. AM = * PM = **

Figure 5
Support Coordinator Call List (cont'd)

Upon completion of media calls, the Media Notification Team will then perform other office functions in support of CNC activities.

5. Additional Secretarial/Other CNC Support

NOTE: The following may be called for additional secretarial assistance:

<u>Name</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Delilah Suggs	5		_____
Marcia Halsey			_____
Laura Gaskey			_____
Annette Isenhour	1		_____

The following may be called to assist in other News Center support functions:

<u>Name</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Toney Mathews			_____
Mary Cele Bain			_____
Wendy Jefferies			_____
Jesse Swords			_____
Carl Leonard			_____

Figure 6

Second Shift Support Coordinator Call List

<u>Persons To Notify</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. <u>Technical Briefers (TB)</u>			
Shift 1 - ANDY THOMPSON (Section Head)			
SUZANNE ISOLA			
HARVEY DEAL			
DAVID PETERSON			
RICHARD WILSON			
LES STALLINGS			
Shift 2 - JOE MAHER (Section Head)			
PAT OSBURN			
HARRY SLOAN			
LOU DUNCAN			
STEVE FRYE			
JOHN WYLIE			
2. <u>Audio/Visual Coordinator (A/VC)</u>			
Shift 1 - PAT PAYNE			
Shift 2 - HUGH DEADWYLER			
3. <u>Governments Coordinator (GC)</u>			
Shift 1 - RICK DEESE			
Shift 2 - ELIZABETH HARMON			
4. <u>Media Coordinator (MC)</u>			
Shift 1 - CECILY NEWTON			
Shift 2 - ALEX COFFIN			

Figure 6

Second Shift Support Coordinator Call List (cont'd)

<u>Persons To Notify</u>		<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
5.	<u>Media Registration Coordinator (MRC)</u>			
	Shift 1 - STICK WILLIAMS			
	Shift 2 - MURRAY CRAVEN			
6.	<u>Internal Communications Coordinator (ICC)</u>			
	Shift 1 - BILL YODER			
	Shift 2 - KATHY BRYANT			
7.	<u>Industry/Agency Coordinator (I/AC)</u>			
	Shift 1 - LARRY DAVISON			
	Shift 2 - CHRIS GRAYBEAL			
8.	<u>Communications Coordinator (CC)</u>			
	Shift 1 - PHIL CARTER			
	Shift 2 - SONDR A WISE			
CATAWBA ONLY	9. <u>Catawba Owners Liaison</u>			
	Shift 1 - DAN BROWN			
	Shift 2 - AL NEELY			
10.	<u>Calls to AP, UPI, and the two radio News Networks in N.C. and S.C.</u>			
		<u>Telephone</u>		<u>Time Called</u>
	AP	(Charlotte)		
		(Raleigh)		
		12:30 AM - 6 AM, Sundays only)		
		(Atlanta)		
		(Columbia)		
CATAWBA ONLY				
	UPI	(Charlotte)		
		(Candy Wilde		
		-- home)		
		(Raleigh)		
		1 AM - 5 AM, seven days a week)		
		(Atlanta)		
		(Columbia)		
CATAWBA ONLY				

Figure 7

Media Call List 1

	<u>Time Called</u>		<u>Time Called</u>
1. **		2.	
CHARLOTTE NEWS (PM)		WAVS	
Charlotte, NC 28201		(main number)	
John Epperheimer, Editor		(Kilgo's office)	
Alternate number:		Charlotte, NC 28216	
Dennis Sodomka (H)		John Kilgo, News Director	
		Alternate number:	
		News Room	
		(manned 24 hrs/day)	
3.		4. **	
WEGO		GASTONIA GAZETTE (PM)	
Concord, NC 28025		Gastonia, NC 28052	
William Rollins, General Mgr.		Bill Williams, Editor	
Alternate number:		Alternate numbers:	
Nancy Cooper (H)		Bill Williams (H)	
(Station Manager)		Jennie Palm (H)	
		Don Hudson (H)	
5. **		6. **	
SALISBURY POST (PM)		ENTERPRISE (PM)	
Salisbury, NC 28144		High Point, NC 27261	
Steve Bowser, Editor		Joe Brown, Editor	
Alternate numbers:		Alternate number	
Steve Bowser (H)		Joe Brown (H)	
Jason Lesley (H)			

* = AM
** = PM

Figure 6
Second Shift Support Coordinator Call List (cont'd)

	<u>Telephone</u>	<u>Time Called</u>
NC NEWS NETWORK		
SC NEWS NETWORK		

The SC first calls the Associated Press (AP), United Press International (UPI), and the two radio news networks to inform them of the emergency and what is involved based on the information presently known.

Figure 7
Call List 1 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. *		8. **	
WINSTON-SALEM JOURNAL (AM)		WINSTON-SALEM SENTINEL (PM)	
919/727-7211		Winston-Salem, NC 27102	
Winston-Salem, NC 27102		Fred Flagler, Editor	
Joe Goodman, Editor			
Alternate numbers:		Alternate numbers:	
Joe Goodman (H)		Fred Flagler (H)	
Sylvia Lane (H)		Jim Laughlin (H)	
<hr/>			
9.		10.	
WYFF-TV		WSPA-TV	
803/242-4404		Spartanburg, SC 29304	
Greenville, SC 29602		Kevin Kelly, News Director	
Mary McCarthy, News Director			
Alternate numbers:		Alternate numbers:	
Mary McCarthy (H)		Hot Line to News Room	
David Graves (H)		Jim Walrod, Asst. (H)	
		News Director	
<hr/>			
11. *		12. **	
NEWS & OBSERVER (AM)		RALEIGH TIMES (PM)	
919/829-4500		Raleigh, NC 27602	
Raleigh, NC 27602		A. C. Snow, Editor	
Claude Sitton, Editor			
Alternate numbers:		Alternate numbers:	
Claude Sitton (H)		A. C. Snow (H)	
Bob Brooks (H)		Mike Yopp (H)	

* = AM
** = PM

Figure 7 (cont d)

Call List 2

	<u>Time Called</u>		<u>Time Called</u>
1. **		2. *	
WBTB		WSOC	
(Main Number)		(Main number)	
(News room)		Charlotte, NC 28201	
Charlotte, NC 28208		Martha Freeman, News Director	
Steve Greenwald, News Director			
Alternate numbers:		Alternate numbers:	
Steve Greenwald (H)		Martha Freeman (H)	
Graham Wilson (H)		Steve Pendle (H)	
Brian Thompson (H)			
<hr/>			
3. **		4. **	
ROCK HILL EVENING HERALD (PM)		DAILY INDEPENDENT (PM)	
Rick Hill, SC 29730		Kannapolis, NC 28081	
Jack D. Hilderbrand, Exec Ed		Don Smith, Managing Ed	
Alternate numbers:		Alternate number:	
Jack Hilderbrand (H)		Don Smith (H)	
Van Parker (H)			
(City Editor)			
<hr/>			
5. **		6. **	
DAILY RECORD (PM)		LEXINGTON DISPATCH (PM)	
Hickory, NC 28601		Lexington, NC 27292	
Ellison Clary, Editor		Ralph Simpson, Editor	
Alternate numbers:		Alternate number:	
Ellison Clary (H)		Ralph Simpson (H)	
Troy Houser (H)			

* = AM
 ** = PM

Figure 7
Media Call List 2 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7.		8. **	
WSJS/WTOR		GREENSBORO DAILY NEWS (AM)	
(Main number)		Greensboro, NC 27420	
(News room)		Ben Bowers, Exec Ed	
Winston-Salem, NC 27102			
Wayne Willard, News Director			
Alternate number:		Alternate number:	
Control Room		Howard Covington (H)	
(manned at all times)		(City Desk)	
<hr/>			
9. **		10.	
GREENSBORO RECORD (PM)		WTVD-TV	
Greensboro, NC 27420		Durham, NC 27702	
Ben Bowers, Exec Ed		Ned Warwick, News Director	
Alternate numbers:		Alternate numbers:	
Don Patterson (O)		News Room after 5:30 PM	
(City Desk-until 5 PM then try		Control Room - all hours	
Greensboro Daily News, Item #8)		Guard Station - all hours	
<hr/>			
11. *, **			
INDEPENDENT DAILY MAIL (AM, PM)			
Anderson, SC 29621			
Dick Gorrell, Exec Ed			
Jim Calfee			
Alternate number:			
Dick Gorrell (H)			

* = AM
** = PM

Figure 7 (cont'd)

Call List 3

	<u>Time Called</u>		<u>Time Called</u>
1. *		2. **	
CHARLOTTE OBSERVER (AM)		ENOUIRER-JOURNAL (PM)	
Charlotte, NC 28233		Monroe, NC 28110	
Richard A Oppel, Editor		Sid Hart, Editor	
Alternate number:		Alternate number:	
Richard Oppel (H)		Sid Hart (H)	
3. **		4. **	
WCSL		RECORD AND LANDMARK (PM)	
Cherryville, NC 28021		Statesville, NC 28677	
Steve Adams, Gen & Sales Mgr		Jerry Josey, Managing Ed.	
Alternate number:		Alternate numbers:	
Milton Baker (H)		Jerry Josey (H)	
		Neil Furr (H)	
		Darrell Hathcock (H)	
5.		6.	
WBIG		WFMY-TV	
Greensboro, NC 27420		Greensboro, NC 27420	
Lloyd Gordon, News Director		Rene Carpenter, News Director	
Alternate numbers:		Alternate numbers:	
News Room (manned all hours except		6 P.M. - 11:45 P.M. & Weekends	
12 Midnight - 7 A.M. Sundays)		News Room (
Lloyd Gordon (H)		Al Warlick (H)	
		Mike McCall (H)	

* = AM

** = PM

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Figure 7
Media Call List 3 (cont'd)

	<u>Time Called</u>	<u>Time Called</u>
7. *		8. **
DURHAM MORNING HERALD (AM)		DURHAM SUN (PM)
Durham, NC 27702		Durham, NC 27702
Bill Lee, City Ed		Carlton Harrell, Managing Ed
Alternate number:		Alternate number:
Bill Lee (H)		Carlton Harrell (H)
<hr/>		
9. *		10. **
GREENVILLE NEWS (AM)		GREENVILLE PIEDMONT (PM)
Greenville, SC 29602		Greenville, SC 29602
Allen Clark, City Ed		Dale Gibson, Managing Ed
Alternate numbers:		Alternate number:
Allen Clark (H)		Dale Gibson (H)
Tom Hutchinson (H)		
<hr/>		
11. **		12.
GREENWOOD INDEX JOURNAL (PM)		WIS-TV
Greenwood, SC 29646		Columbia, SC 29201
William Collins, Exec News Ed		Gary Anderson, News Dir.
John Watson, Managing Ed		
Alternate number:		Alternate numbers:
John Watson (H)		Gary Anderson (H)
		Lonnie Wehunt (H)
<hr/>		

* = AM
** = PM

Figure 7 (cont'd)

Media Call List 4

	<u>Time Called</u>		<u>Time Called</u>
1.		2.	
WPCQ-TV		WLON	
Charlotte, NC 28205		Lincolnton, NC 28092	
Tonia Morrison,		Larry Seagle, News Director	
Assignments Ed			
Alternate numbers:		Alternate numbers:	
Tonia Morrison (H)		Larry Seagle (H)	
Dan Ezell (H)		Jack Brown (H)	
<hr/>			
3.		4.	
MOORESVILLE TRIBUNE		MECKLENBURG GAZETTE	
Mooreville, NC 28115		Davidson, NC 28026	
Len Sullivan, Editor		Gail Dewart, Associate Ed	
Alternate number:		Alternate numbers:	
Len Sullivan (H)		Gail Dewart (H)	
<hr/>			
5.		6. **	
OBSERVER-NEWS-ENTERPRISE		DAILY STAR (PM)	
Newton, NC 28658		Shelby, NC 28150	
Sylvia Ray, Editor		Ted Hall, Editor	
Alternate number:		Alternate number:	
Sylvia Ray (H)		Ted Hall (H)	
<hr/>			

* = AM
** = PM

Figure 7
Media Call List 4 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. *		8. **	
SPARTANBURG HERALD (AM)		SPARTANBURG JOURNAL (PM)	
Spartanburg, SC 29301		Spartanburg, SC 29301	
Rudy Rivers, Exec Ed		Rudy Rivers, Exec. Ed	
Leslie Timmis, Managing Ed		Leslie Timmis, Managing Ed	
Alternate number:		Alternate number:	
Rudy Rivers (H)		Rudy Rivers (H)	
9. *		10. **	
STATE (AM)		RECORD (PM)	
Columbia, SC 29202		Columbia, SC 29202	
Thomas N McLean, Editor		Thomas N McLean, Editor	
Alternate numbers:		Alternate number:	
Charlie Byers (H)		Robert Hitt (H)	
Harry Logan (H)			
11.		12.	
WPTF-AM		WANS RADIO	
Raleigh, NC 27602		Anderson, SC 29622	
Bart Ritner, News Director		Bob Armstrong, News Dir.	
Alternate number:		Alternate number:	
Bart Ritner (H)		Bob Armstrong (H)	

* = AM
** = PM

Figure 7 (cont'd)

Media Call List 5

	<u>Time Called</u>		<u>Time Called</u>
1.		2.	
WBT-AM		WSOC-TV	
Charlotte, NC 28208		Charlotte, NC 28201	
Scott White, News Director		Dick Moore, News Director	
Alternate number:		Alternate number:	
Scott White (H)		Steve Schwaid (H)	
<hr/>			
3. **		4.	
CONCORD TRIBUNE (PM)		WGAS	
Concord, NC 28025		Gastonia, NC 28052	
John Kennedy, Editor		Glenn Mace, President	
Bill Ross, Managing Editor			
Alternate numbers:		Alternate numbers:	
John Kennedy (H)		Glenn Mace (H)	
Bill Ross (H)		Earl Mace (H)	
<hr/>			
5.**		6.	
NEWS TOPIC (PM)		WXII - TV	
Lenoir, NC 28645		Winston-Salem, NC 27106	
Steve Sumlin, Editor		Dave Emory, News Dir.	
Alternate number:		Alternate number:	
Steve Sumlin (H)		Dave Emory (H)	

* = AM

** = PM

Figure 7
Call List 5 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7.		8.	
WGHP-TV		MESSENGER	
High point, NC 27261		Madison, NC 27025	
Jack Moore, News Director		David M. Spear, Publisher	
Alternate number:		Alternate number:	
Jack Moore (H)		David M. Spear (H)	
9.		10.	
WPTF-TV		WSPA	
Raleigh, NC 27602		Spartanburg, SC 29304	
Roy Carden, News Director		Greg McKinney, News Dir	
Alternate number:		Alternate numbers:	
Roy Carden (H)		News Room	
		Greg McKinney (H)	
11.		12.	
WLOS-TV		WRAL-TV	
Greenville, SC 29602		Raleigh, NC 27101	
Dale Weiss, Bureau Chief		Theresa Rossi, News Dir.	
Alternate numbers:		Alternate number:	
For Asheville		News Room	
Dale Weiss (H)			

* = AM
** = PM

Figure 8.

Industry/Agency Coordinator Call List

<u>Organization/Individual</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. CND initially notifies NRC as indicated on p. 5. Subsequent news releases are transmitted to NRC by the I/AC. Call NRC Region II office in Atlanta to notify PIO staff of changing developments as reported in news releases.			
<u>Public Information Office</u>			
Primary: KEN CLARK			_____
Alternate: JOE GILLILAND			_____
2. <u>INPO</u>			
Primary: ANGIE HOWARD			_____
Alternate: HOTLINE			_____
3. <u>Atomic Industrial Forum (AIF)</u>			
Primary: SCOTT PETERS			_____
CARL GOLDSTEIN			_____
PAUL TURNER			_____
Alternate: DUTY OFFICER			_____
4. <u>Nuclear Safety Analysis Center (NSAC)</u>			
Primary: RAY SCHUSTER			_____
Alternate: DAN VAN ATTA			_____
5. <u>Westinghouse</u>			
Primary: MIKE MANGAN			_____
Alternate: LES BERKOWITZ			_____

*After hours, calls are automatically transferred to Bethesda Operations office.

Figure 8
Industry/Agency Coordinator Call List (cont'd)

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
6. <u>American Nuclear Society (ANS)</u>			
Primary: DARLENE SCHMIDT			
Alternate: GAY EASLEY			
7. <u>Edison Electric Institute (EEI)</u>			
Primary: KIRK WILLISON			
Alternate: EEI HOTLINE			

CATAWBA
ONLY

Figure 9
Catawba Owners Liaison Call List

<u>Organization/Individual</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. North Carolina Power Agency #1			
Primary: D. M. CAMERON			
Alternate: A. L. HUBERT			
2. North Carolina Electric Membership Corp.			
Primary: B. M. FLATTERY			
Alternate: JOHN P. KUTTER			
3. Saluda River Electric Cooperative, Inc.			
Primary: H. M. FARIS			
Alternate: AGNES HARRISON			

Figure 10

Governments Coordinator Call List

Person/Group To Contact	Office Telephone	Home Telephone	Time Called
1. <u>Division Operations</u>			
Shift 1 SUE PARSONS ROY MORRIS			
Shift 2 DEE WHISENANT SHARON DECKER			
(Ask them to report to Corporate Communications offices and begin monitoring/taping radio-TV news programs.)			
2. <u>State Government Liaison (SGL)</u>			
Shift 1 ROY WALL			
Shift 2 BILLIE HENDERSON			
(Ask that they begin their calls.)			
3. <u>Federal Government Liaison (FGL)</u>			
Shift 1 JOHN HICKS			
Shift 2 BARBARA SIMPSON			
(Ask that they begin their calls.)			
4. <u>Elected Officials</u>			
MT. HOLLY			
Primary: CHARLES BLACK, JR.			
Alternate: THOMAS A. BELK, JR.			
STANLEY			
Primary: WILLIAM WITHERS			
Alternate: HUGH HOVIS			

Figure 10
Governments Coordinator Call List (cont'd)

<u>Person/Group To Contact</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
4. <u>Elected Officials (cont'd)</u>			
LINCOLN COUNTY			
Primary: HARRY RITCHIE			
Alternate: ELWYN L. BEAM			
CATAWBA COUNTY			
Primary: KENNETH MARTIN			
Alternate: GARY WHITENER			
CHARLOTTE			
Primary: EDDIE KNOX			
Alternate: HARVEY GANTT			
MECKLENBURG COUNTY			
Primary: TOM RAY			
Alternate: GERALD FOX			
DAVIDSON			
Primary: NANCY MACCORMAC			
Alternate: BILL BRANNON			
HUNTERSVILLE			
Primary: SARA R. MCAULAY			
Alternate: RICK FRENCH			

Figure 10
Government's Coordinator Call List (cont'd)

<u>Person/Group To Contact</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
4. <u>Elected Officials (cont'd)</u>			
CORNELIUS			
Primary: NANNIE POTTS			
Alternate: BEN AGNER			
IREDELL COUNTY			
Primary: JOE TROUTMAN			
Alternate: FRANCES MURDOCK			
GASTON COUNTY			
Primary: CHARLES RHYNE			
Alternate: PHILLIP HINELY			
<u>CATAWBA ONLY</u> CLOVER			
Primary: JAMES PARRISH			
Alternate: WILLIAM D. JACKSON			
<u>CATAWBA ONLY</u> FORT MILL			
Primary: HARRY HALLMAN			
Alternate: MITCH SIZEMORE			
<u>CATAWBA ONLY</u> ROCK HILL			
Primary: EMMETT GEROME			
Alternate: WINSTON SEARLES			

Figure 10
Governments Coordinator Call List (cont'd)

<u>Person/Group To Contact</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
--------------------------------	-------------------------	-----------------------	--------------------

4. Elected Officials (cont'd)

CATAWBA ONLY

YORK

Primary: EUGENE L. BARNWELL

Alternate: TOMMY BENFIELD

CATAWBA ONLY

YORK COUNTY

Primary: HAROLD DICKSON

Alternates: CALDWELL BARRON
 JACK D. WESTMORLAND
 MURRAY WHITE, JR.

Figure 11

SGL Call List

	Phone Numbers	Time Called
1. <u>MECKLENBURG SENATE</u>		
Kenneth R. Harris	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
Cecil R. Jenkins, Jr.	Raleigh Office: Kannapolis Office: Concord Home:	_____ _____ _____
W. Craig Lawing	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
Ben Tison	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
2. <u>MECKLENBURG HOUSE</u>		
Phillip O. Berry	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
Jim Black	Raleigh Office: Charlotte Office: Matthews Home:	_____ _____ _____
Louise S. Brennan	Raleigh Office: Charlotte Home:	_____ _____
Ruth M. Easterling	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
Gus Economos	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
Jo Graham Foster	Raleigh Office: Charlotte Home:	_____ _____
H. Parks Helms	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____

Figure 11
SCL Call List (cont'd)

	Phone Numbers	Time Called
2. (cont'd)		
Roy Spoon	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
3. <u>GASTON & LINCOLN SENATE</u>		
Ollie Harris	Raleigh Office: Kings Mtn. Office: Kings Mtn. Home:	_____ _____ _____
Helen Rhyne Marvin	Raleigh Office: Gastonia Home:	_____ _____
Marshall A. Rauch	Raleigh Office: Gastonia Office: Gastonia Home:	_____ _____ _____
4. <u>GASTON & LINCOLN HOUSE</u>		
Sam Beam	Raleigh Office: Cherryville Office: Cherryville Home:	_____ _____ _____
David W. Bumgardner, Jr.	Raleigh Office: Belmont Office: Belmont Home:	_____ _____ _____
D. R. Mauney, Jr.	Raleigh Office: Cherryville Office: Cherryville Home:	_____ _____ _____
J. B. Roberts	Raleigh Office: Gastonia Office: Gastonia Home:	_____ _____ _____
5. <u>CATAWBA & IREDELL SENATE</u>		
T. Cass Ballenger	Raleigh Office: Hickory Office: Hickory Home:	_____ _____ _____
William W. Redman, Jr.	Raleigh Office: Statesville Office: Statesville Home:	_____ _____ _____

Figure 11
SGL Call List (cont'd)

	Phone Numbers	Time Called
6. <u>CATAWBA HOUSE</u>		
Austin Allran	Raleigh Office: Hickory Office: Hickory Home:	_____ _____ _____
J. Reid Poovey	Raleigh Office: Hickory Home:	_____ _____
7. <u>IREDELL HOUSE</u>		
C. Robert Brawley	Raleigh Office: Mooresville Office: Mooresville Home:	_____ _____ _____
J. P. Huskins	Raleigh Office: Statesville Office: Statesville Home:	_____ _____ _____
CATAWBA 8. <u>KERSHAW, LANCASTER & YORK SENATE</u>		
<u>LY</u> Don S. Rushing	Columbia Office: Lancaster Office: Lancaster Home:	_____ _____ _____
Coleman G. Poag	Columbia Office: Rock Hill Office: Rock Hill Home:	_____ _____ _____
Donald H. Holland	Columbia Office: Camden Office: Camden Home:	_____ _____ _____
CATAWBA 9. <u>CHESTER, FAIRFIELD & RICHLAND SENATE</u>		
<u>ONLY</u> John A. Martin	Columbia Office: Winnsboro Office: Winnsboro Home:	_____ _____ _____
CATAWBA 10. <u>CHESTER, FAIRFIELD & RICHLAND HOUSE</u>		
<u>ONLY</u> E. Crosby Lewis	Columbia Office: Columbia Home:	_____ _____ _____

Figure 11
SGL Call List (cont'd)

CATAWBA 11. UNION HOUSE
ONLY

James R. Arthur

Phone
Numbers

Columbia Office:

or

Union Office:

Union Home:

Time
Called

CATAWBA 12. CHESTER, LANCASTER & YORK HOUSE
ONLY

Paul E. Short, Jr.

Columbia Office:

or

Chester Office

Chester Home:

CATAWBA 13. YORK HOUSE
ONLY

John C. Hayes, III

Columbia Office

or

Rock Hill Office:

Rock Hill Home:

Herbert Kirsh

Columbia Office:

or

Clover Office:

Clover Home:

Palmer Freeman, Jr.

Columbia Office:

Rock Hill Office:

Rock Hill Home:

Samuel R. Foster

Columbia Office:

or

Rock Hill Office:

Rock Hill Home:

CATAWBA 14. LANCASTER HOUSE
ONLY

William B. Boan

Columbia Office:

or

Heath Springs Office:

Heath Springs Home:

Tom G. Mangum

Columbia Office:

or

Lancaster Office:

Lancaster Home:

Figure 11
SGL Call List (cont'd)

CATAWBA 15. CHESTERFIELD, KERSHAW
ONLY & LANCASTER HOUSE

Derial L. Ogburn

Phone
Numbers

Columbia Office:
Jefferson Office:
Jefferson Home:

Time
Called

Figure 12
FGL Call List

	<u>Phone Numbers</u>	<u>Time Called</u>
1. Senator John East	Washington Office:	_____
Susie Hutchens (Appointment Sec.)	Washington Home:	_____
Quentin Crommelin, Jr. (Administrative Asst.)	Washington Home:	_____
Kathy Davis (Staff Director)	District Office:	_____
	District Home:	_____
2. Senator Jesse Helms	Washington Office:	_____
Clint Fuller (Helms' Asst.)	Washington Home:	_____
Frances Jones	Raleigh Office:	_____
	Raleigh Home:	_____
3. Senator Ernest Hollings	Washington Office:	_____
Michael Copps (Administrative Asst.)	Washington Home:	_____
Bernard Meng (State Secretary)	Columbia Office:	_____
	Columbia Home:	_____
4. Senator Strom Thurmond	Washington Office:	_____
	District Office: (Columbia, SC)	_____
Dennis Shedd (Administrative Asst.)	Washington Home:	_____
John Steer (Legislative Asst.)	Washington Home:	_____
Warren Abernathy (District Office)	Spartanburg Home:	_____

Figure 12
FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
5. Rep. Ike Andrews	Washington Office:	_____
JoAnne Ewing (Administrative Asst.)	Washington Home:	_____
Ken Kirby	Cary Office:	_____
	Cary Home:	_____
6. Rep. Robin Britt	Washington Office:	_____
Tom Ross (Administrative Asst.)	Washington Home:	_____
Jim Davis (District Asst.)	Greensboro Office:	_____
	Greensboro Home:	_____
7. Rep. James T. Broyhill	Washington Office:	_____
	Washington Home:	_____
	Lenoir Home:	_____
Sharon McCravy	Lenoir Office:	_____
	Lenoir Home:	_____
8. Rep. James McClure Clark	Washington Office:	_____
John Crumpler	Washington Home:	_____
Terrell Garren (Administrative Asst.)	Asheville Office:	_____
	Asheville Home:	_____
9. Rep. W. G. Hefner	Washington Office:	_____
Bill McEwen (Administrative Asst.)	Washington Home:	_____
Virginia Jochems (Office Manager)	Concord Office:	_____
	Concord Home:	_____

Figure 12
FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
10. Rep. James G. Martin	Washington Office:	_____
	Washington Home:	_____
	Davidson Home:	_____
Bob Freeman	Charlotte Office:	_____
	Lincolnton Home:	_____
Jim Loftin (Martin's Asst.)	Washington Home:	_____
<hr/>		
11. Rep. Stephen L. Neal	Washington Office:	_____
Don Abernathy (Administrative Asst.)	Washington Home:	_____
J. W. Phillips (District Adm. Asst.)	Winston-Salem Office:	_____
	Winston-Salem Home:	_____
<hr/>		
12. Rep. Tim Valentine	Washington Office:	_____
Ted L. Daniel (Administrative Asst.)	Washington Home:	_____
Quentin Sumner (District Representative)	Rocky Mount Office:	_____
	Rocky Mount Home:	_____
<hr/>		
13. Rep. Carroll Campbell (4th District, S.C.)	Washington Office:	_____
	Fountain Inn, SC Home:	_____
Nikki McNamee (Administrative Asst.)	Washington Home:	_____
Bill Bryson (District Office)	Greenville Office:	_____
	Greenville Home:	_____

Figure 12
FGL Call List (cont'd)

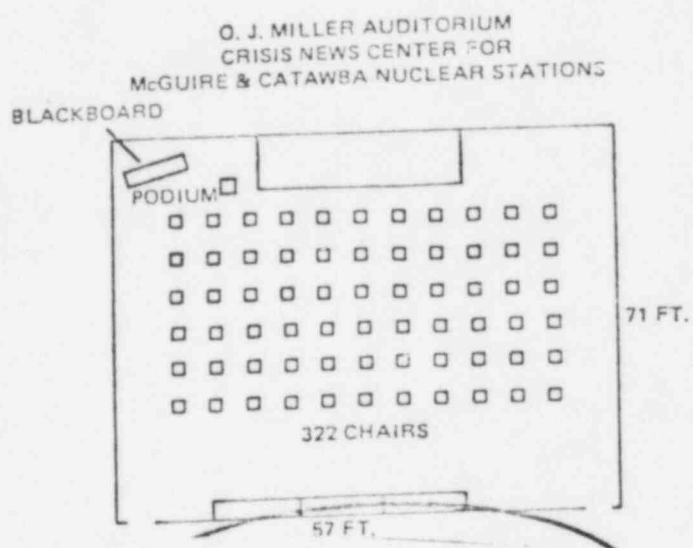
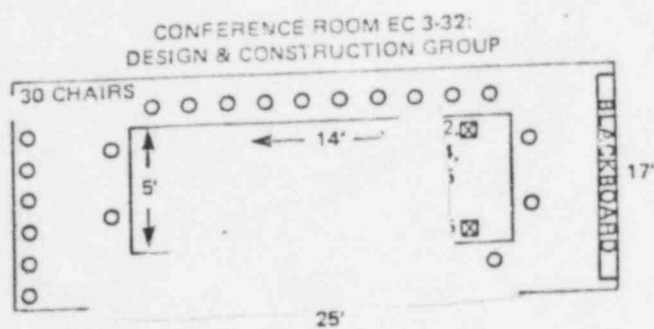
	Phone Numbers	Time Called
14. Rep. Butler Derrick (3rd District, S.C.)	Washington Office:	_____
James Bradford (Executive Assistant)	Washington Home:	_____
Barbara Gaines (District Office)	Anderson Office:	_____
	Anderson Home:	_____
15. Rep. John Spratt (5th District, S.C.)	Washington Office:	_____
Jean Neal (Washington Administrative Asst.)	Washington Home:	_____
Rita Hayes (District Office)	Rock Hill Office:	_____
	Rock Hill Home:	_____

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

McGUIRE/CATAWBA CMC

Figure 13

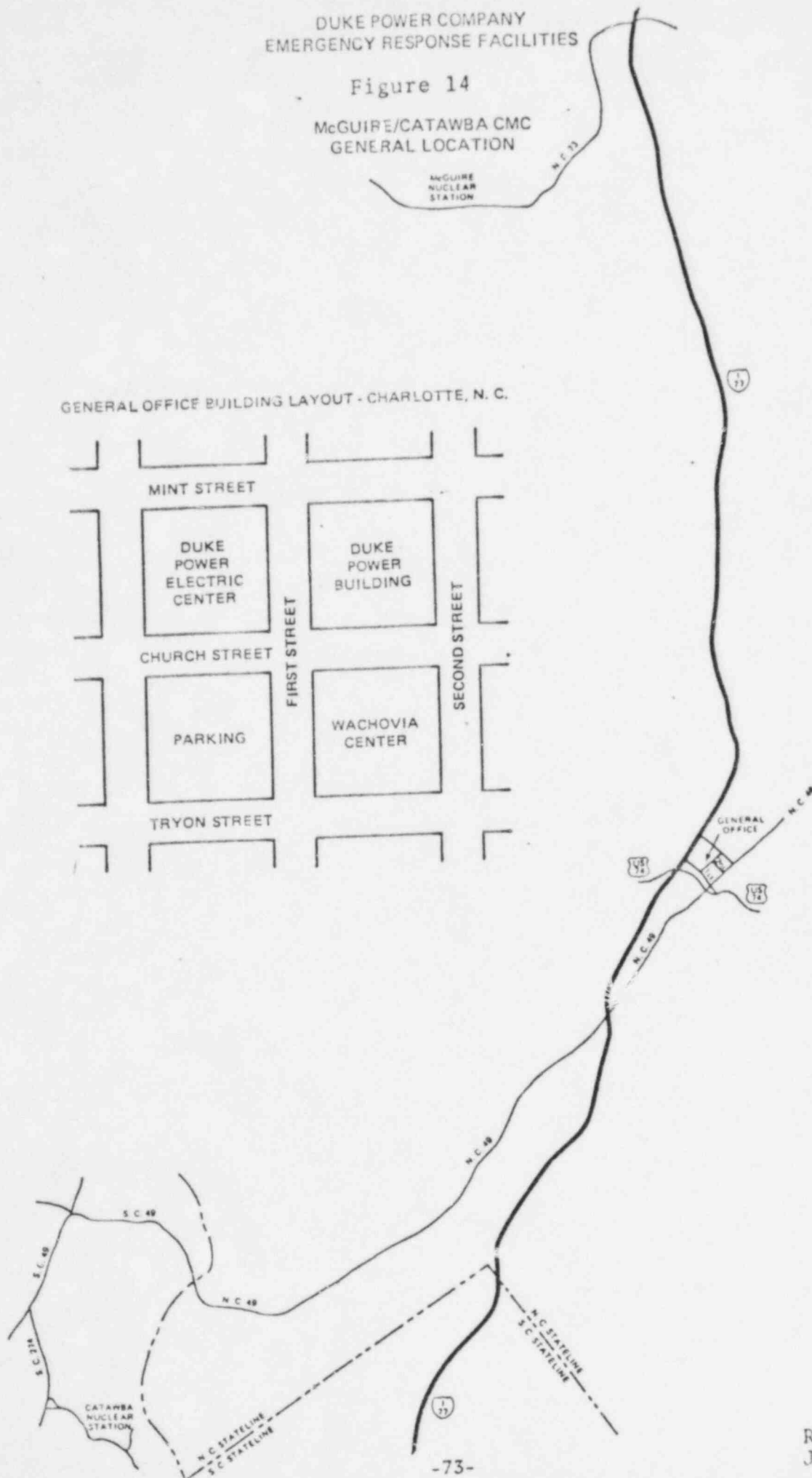
ELECTRIC CENTER ROOMS
DESIGNATED FOR EMERGENCY USE



DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

Figure 14

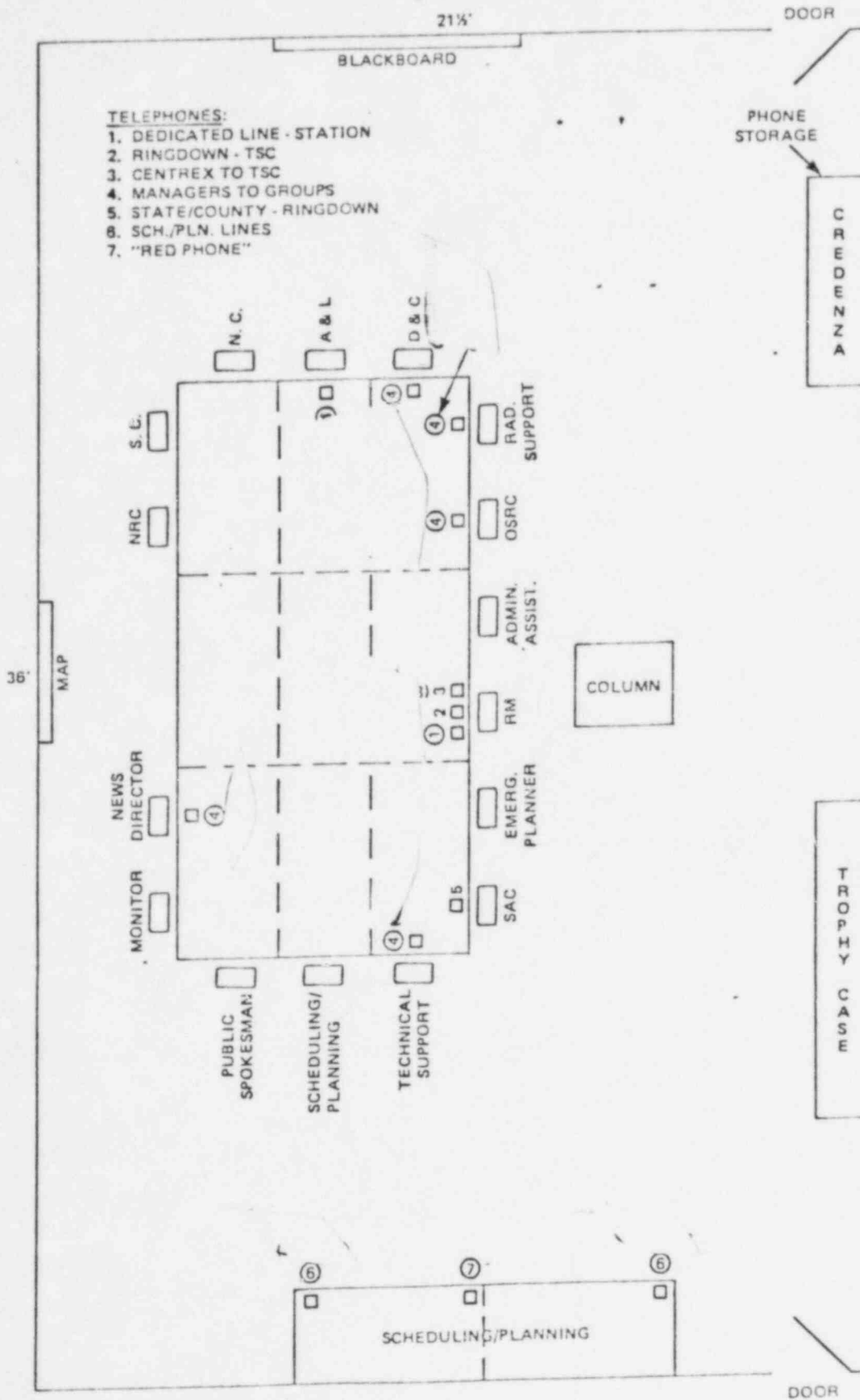
McGUIRE/CATAWBA CMC
GENERAL LOCATION



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

RECOVERY MANAGER/SCHEDULING & PLANNING OFFICE
WACHOVIA CENTER - ROOM 1010

Figure 15



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Figure 16

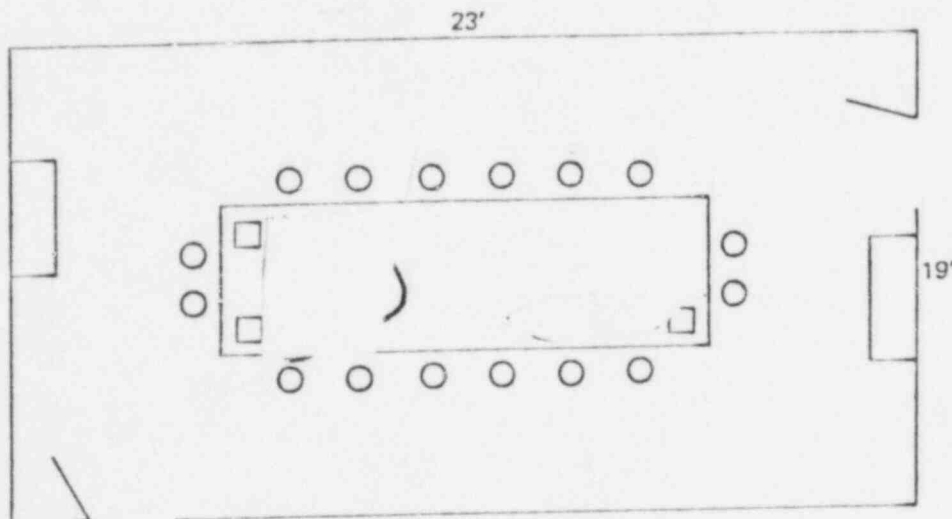
McGUIRE/CATAWBA CMC

CRISIS NEWS GROUP
5TH FLOOR POWER BLDG.
ROOMS: 5014, 5012, 5010
PHONES:

SOUTH CAROLINA PIO'S
5TH FLOOR POWER BLDG.
ROOMS: PB 5020, 5022
PHONES: ?

NORTH CAROLINA PIO'S
5TH FLOOR POWER BLDG. ROOM
ROOMS: PB 5018, 5016
PHONES:

OFFSITE RADIOLOGICAL COORDINATOR
ROOM 1222 WACHOVIA CENTER

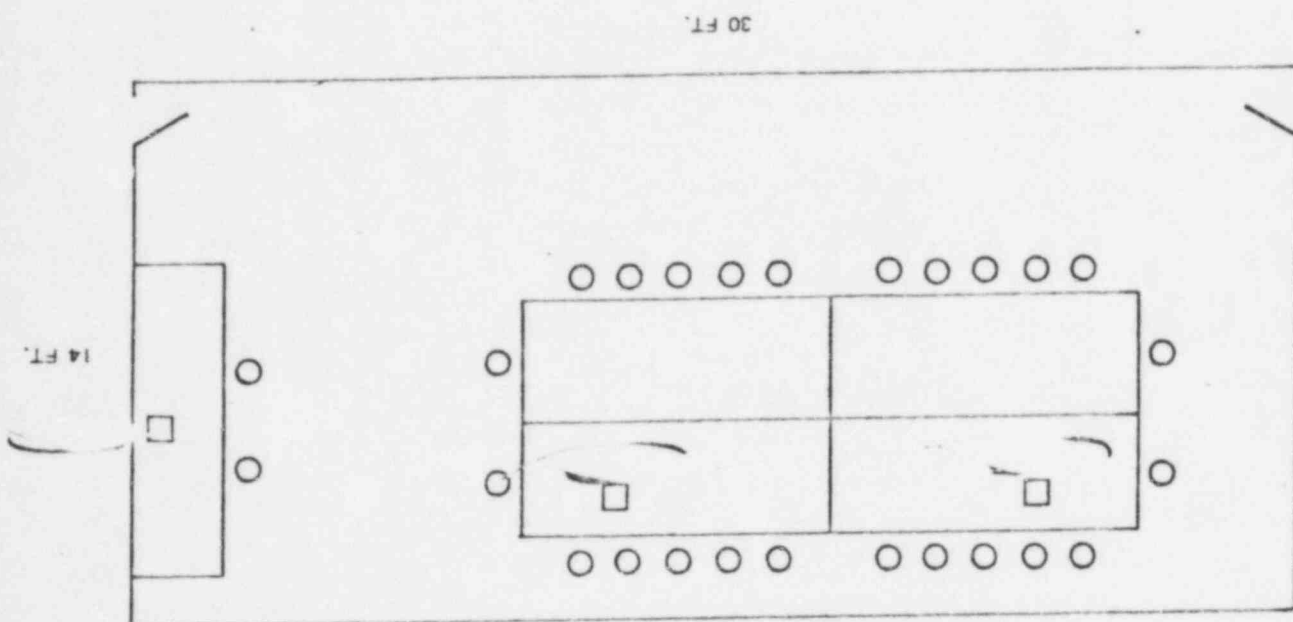


DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Figure 17

McGUIRE/CATAWBA CMC

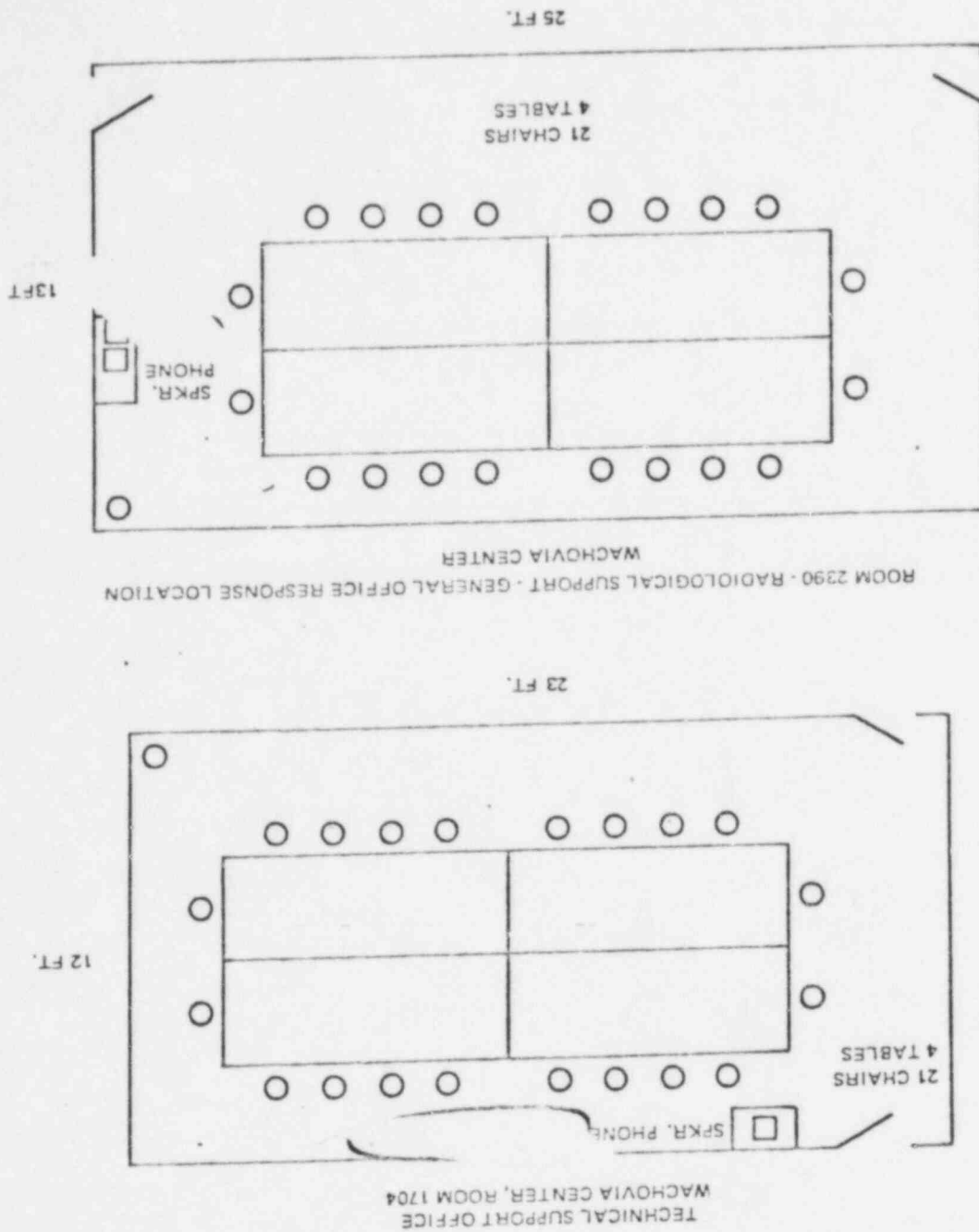
NRC - STATE(S) - COUNTIES - CONFERENCE ROOM
WACHOVIA CENTER, ROOM 1488



DUKE POWER COMPANY GENERAL OFFICE RESPONSE FACILITIES

Figure 18

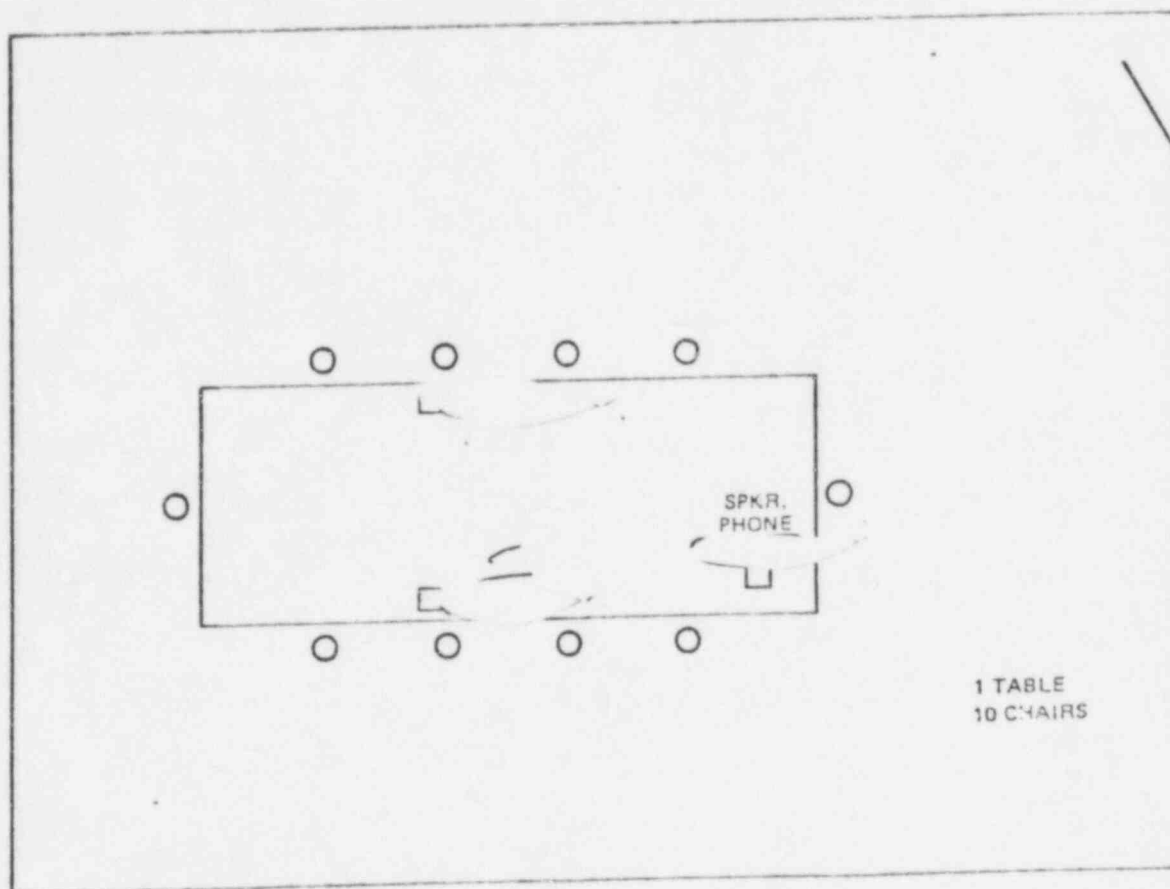
McGUIRE/CATAWBA CMC



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Figure 19

ADMINISTRATION & LOGISTICS OFFICE, ROOM WC-0925



15 FT.

11 FT.

1 TABLE
10 CHAIRS

Figure 21
SUMMARY OF EVACUATION TIMES

MCGUIRE

	Permanent Population	Permanent Population Vehicles	Transient Population	Transient Population Vehicles	Evacuation Capacity per Hour	Notification Time	Preparation Time	Permanent Population Response Normal Conditions	Permanent Population Response Adverse Conditions	Transient Population Response Normal Conditions	Transient Population Response Adverse Conditions	General Population Evacuation Time -- Normal Conditions	General Population Evacuation Time -- Adverse Conditions	Confirmation Time	Special Population Evacuation Time -- Normal Conditions	Special Population Evacuation Time -- Adverse Conditions
Areas	Within Two Miles															
2 NE	439	188	976	368	1,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
2 SE	193	80	---	---	1,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
2 SW	361	222	---	---	1,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
2 NW	1,261	517	2,026	726	4,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
All Subareas	2,456	1,007	3,000	1,071	7,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
	Within Five Miles															
5 NE	2,566	1,052	3,401	1,215	1,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
5 SE	1,796	818	---	---	1,500	1	2	3	3	4	4	3:25	4:00	1:40	3	3
5 SW	2,417	991	1,255	448	1,500	1	2	3	3	4	4	3:25	3:25	1:40	3	3
5 NW	3,485	1,429	3,347	1,267	4,500	1	2	3	3	4	4	3:25	4:00	1:40	1:45	2:30
All Subareas	10,464	4,290	8,203	2,930	7,500	1	2	3	3	4	4	3:25	4:00	1:40	1:45	2:30
	Within Ten Miles															
10 NE	13,309	6,277	7,854	2,804	9,600	1	2	3	3	4	4	3:25	3:25	1:40	1:45	2:30
10 SE	12,654	7,643	2,683	959	9,600	1	2	3	3	4	4	3:25	4:00	1:40	2:45	4:15
10 SW	18,268	7,490	1,255	448	6,000	1	2	3	3	4	4	4:00	3:45	1:40	1:45	2:30
10 NW	9,274	3,802	6,675	2,382	6,000	1	2	3	3	4	4	3:25	4:00	1:40	1:45	2:30
Total EPZ	61,505	25,217	18,467	6,593	27,600	1	2	3	3	4	4	4:00	3:45	1:40	2:45	4:15

Figure 20

Local and State Agency Emergency Centers

Emergency Operations Centers are established for use by local and state agencies. These centers are located as follows:

Local

State

MCGUIRE NUCLEAR STATION

Iredell County
County Agriculture Building
Statesville, N. C.

N. C. Air National Guard Facility
Douglas Municipal Airport
Charlotte, N. C.

Mecklenburg County
Police Department
County Services Center
618 N. College St.
Charlotte, N. C.

Gaston County
Gaston County Police Department
Gastonia, N. C.

Lincoln County
Lincoln County Courthouse
Lincolnton, N. C.

Catawba County
Public Safety Building
Newton, N. C.

Cabarrus County
Courthouse
Concord, N. C.

CATAWBA NUCLEAR STATION

Mecklenburg County
Police Department
County Services Center
618 N. College St.
Charlotte, N. C.

N. C. Air National Guard Facility
Douglas Municipal Airport
Charlotte, N. C.

Gaston County
Gaston County Police Department
Gastonia, N. C.

York County
Emergency Operations Center
155 Johnston St.
Rock Hill, S. C.

Clover Armory
Clover, S. C.

Figure 22

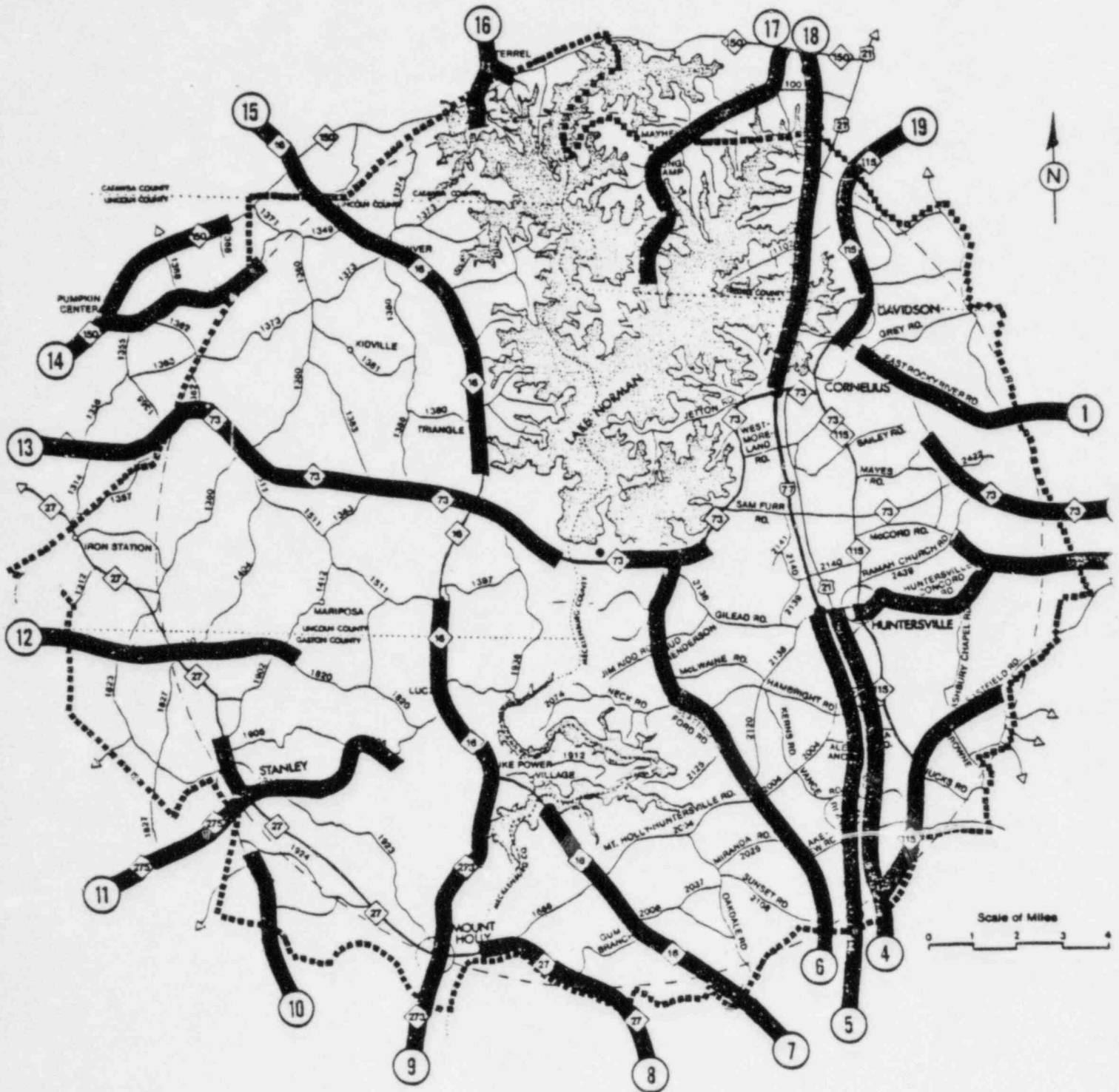


Figure Evacuation Routes for the McGuire Nuclear Power Station

Figure 23

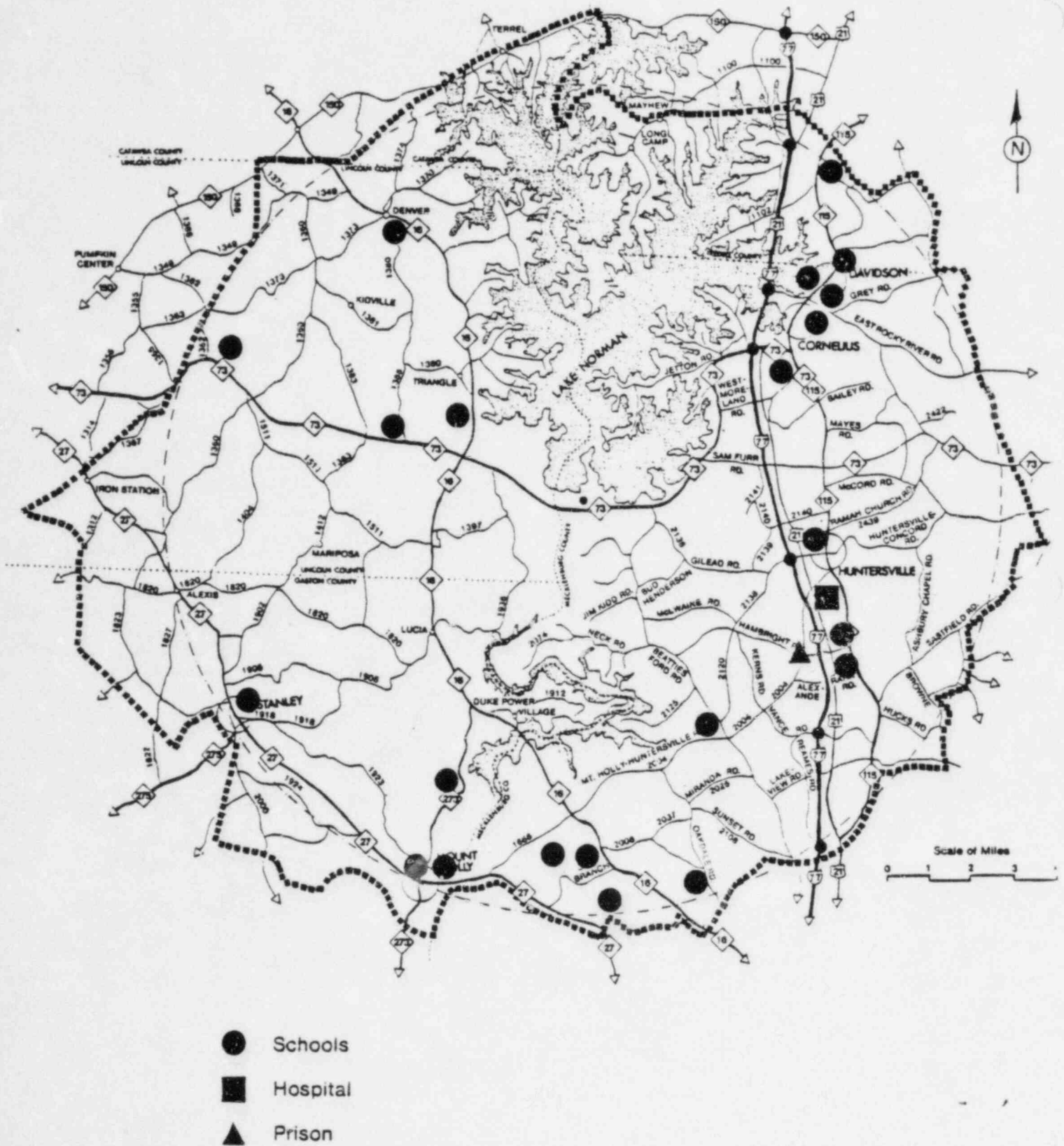


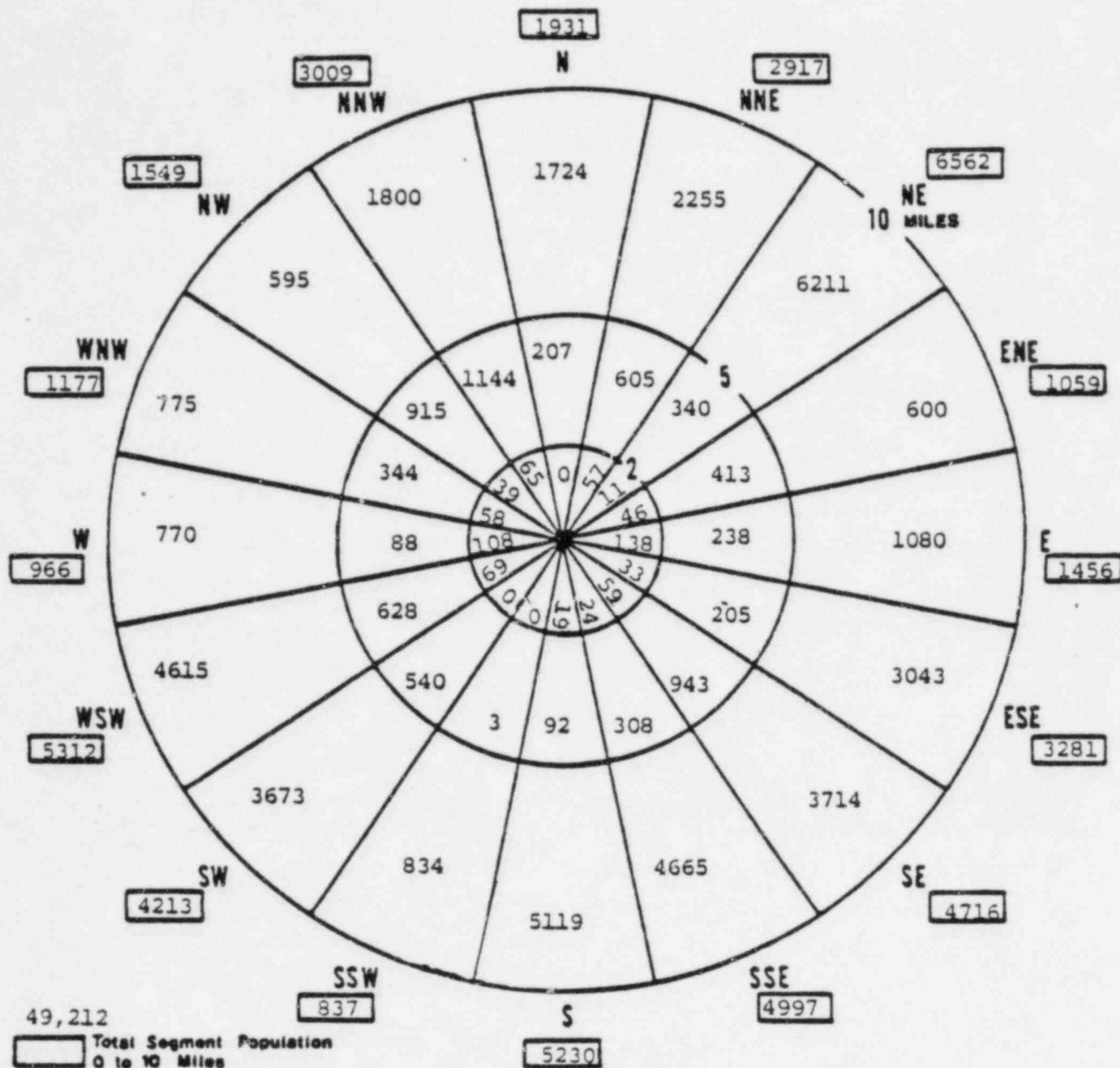
Figure Location of Special Facilities - MCGUIRE

Figure 24 SPECIAL FACILITIES POPULATION - MCGUIRE

<u>Schools</u>	<u>Population</u>	<u>Location (Selective Evacuation Subarea)</u>
John McKnitt Alexander Junior High School	935	10 SE
Cornelius Elementary School	590	10 NE
Coulwood Junior High School	676	10 SE
Davidson College	1,364	10 NE
Davidson Elementary School	286	10 NE
Davidson Street Academy	5	10 NE
East Lincoln High School	674	5 NW
East Lincoln Junior High School	703	10 NW
Huntersville School	722	10 NE
O.L. Kiser Elementary School	739	10 SW
Long Creek Elementary School	750	10 SE
Mount Holly Junior High School	735	10 SW
Mt. Mourne School	495	10 NE
North Mecklenburg High School	1,369	10 SE
Oakdale Elementary School	418	10 SE
Paw Creek Elementary School	479	10 SE
Pinewood Elementary School	548	10 SW
Rankin Elementary School	742	10 SW
Rock Springs Elementary School #1	932	5 NW
Rock Springs Elementary School #2	160	10 NW
Valleydale School	170	10 SE
<u>Prison Camps</u>		
North Carolina Department of Corrections	66	10 SE
<u>Hospitals</u>		
Huntersville Hospital	233	10 SE

Duke Power Company
Crisis Management Plan
McGuire Nuclear Station

Figure 25 Permanent Population by Sector



POPULATION TOTALS			
RING MILES	RING POPULATION	TOTAL MILES	CUMULATIVE POPULATION
0-2	726	0-2	726
2-5	7,013	0-5	7,739
5-10	41,473	0-10	49,212

Figure 26
MCGUIRE NUCLEAR STATION
EMERGENCY PLANNING ZONE
AREA AND 1980 POPULATIONS

ZONE	AREA			POPLUATION		
	w/in 10 mi	>10 mi	TOTAL	w/in 10 mi	>10 mi	TOTAL
A	21.69	0	21.69	2,341	0	2,341
B	2.78	0	2.78	225	0	225
C	4.27	0	4.27	195	0	195
D	21.94	0	21.94	1,801	0	1,801
E	28.21	*	28.21	9,257	691	9,948
F	33.37	*	33.37	6,629	*	6,629
G	28.67	*	28.67	2,944	*	2,944
H	5.80	0	5.80	5,136	0	5,136
I	12.36	0	12.36	2,558	0	2,558
J	15.17	*	15.17	2,105	*	2,105
K	0	58.51	58.51	0	4,337	4,337
L	6.90	18.95	25.85	400	1,350	1,750
M	24.50	0	24.50	2,224	0	2,224
N	28.42	*	28.42	2,450	*	2,450
O	3.88	17.84	21.72	95	2,846	2,941
P	16.28	7.12	23.40	919	1,775	2,694
Q	12.93	0	12.93	1,802	0	1,802
R	10.04	7.80	17.84	1,830	336	2,166
S	10.26	4.77	15.03	2,486	2,453	4,939
T	1.42	*	1.42	2,341	*	2,341
U	2.85	*	2.85	4,530	*	4,530
V	24.68	0	24.68	3,751	0	3,751
TOTAL	316.42	114.99	431.41	56,100	13,788	69,888

* Small portions of zone are of greater than 10 miles, but were included in 0 to 10 mile area.

Source: Field survey-June 1980 and 1980 preliminary census report.

Figure 27

CATAWBA

SUMMARY OF EVACUATION TIMES

Permanent Population	Permanent Population Vehicles	Transient Population	Transient Population Vehicles	Evacuation Capacity per Hour (Major Routes)	Notification Time	Preparation Time	Permanent Population Response Normal Conditions	Permanent Population Response Adverse Conditions	Transient Population Response Normal Conditions	Transient Population Response Adverse Conditions	General Population Evacuation Time - Normal Conditions	General Population Evacuation Time - Adverse Conditions	Confirmation Time	Special Population Evacuation Time - Normal Conditions	Special Population Evacuation Time - Adverse Conditions
----------------------	-------------------------------	----------------------	-------------------------------	---	-------------------	------------------	---	--	---	--	--	---	-------------------	--	---

Zones	Within Two Miles														
North Carolina	357	154	654	233	1,200	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5)
South Carolina	363	156	5,552	1,982	2,400	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5)
All Zones	720	310	6,206	2,215		(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5)

Zones	Within Five Miles														
A-1	529	227	10,187	3,637	1,200	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5)
B-1	2,631	1,131	2,588	924	1,200	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	1:45 2:30
C-1	6,161	2,649	16,827	6,007	1,200	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	1:45 2:30
D-1	1,414	608	109	39	2,400	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5) (5)
E-1	429	184	0	0	3,600	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5) (5)
F-1	2,573	1,106	1,582	565	3,600	(1)	(2)	(5)	(3)	(4)	(4)	3:25	3:25	1:40	1:40 2:30
All Zones	13,737	5,905	31,293	11,172		(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	1:40 2:30

Zones	Within Ten Miles														
A-2	4,838	2,080	4,073	1,454	4,800	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	2:45 4:15
B-2	9,771	4,201	46,826	16,717	4,200	(1)	(2)	(3)	(3)	(4)	(4)	3:25	4:00	1:40	2:45 4:15
C-2	44,964	19,335	0	0	11,400	(1)	(2)	(3)	(3)	(4)	(4)	4:00	6:15	1:40	2:45 4:15
D-2	9,169	3,943	0	0	4,800	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	2:45 4:15
E-2	4,957	2,132	0	0	4,800	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	2:45 4:15
F-2	2,655	1,142	650	232	6,000	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	(5) (5)
F-3	2,672	1,149	651	232	2,400	(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	1:40 2:30
All Zones	79,026	33,982	52,220	18,635		(1)	(2)	(3)	(3)	(4)	(4)	3:25	3:25	1:40	2:45 4:15

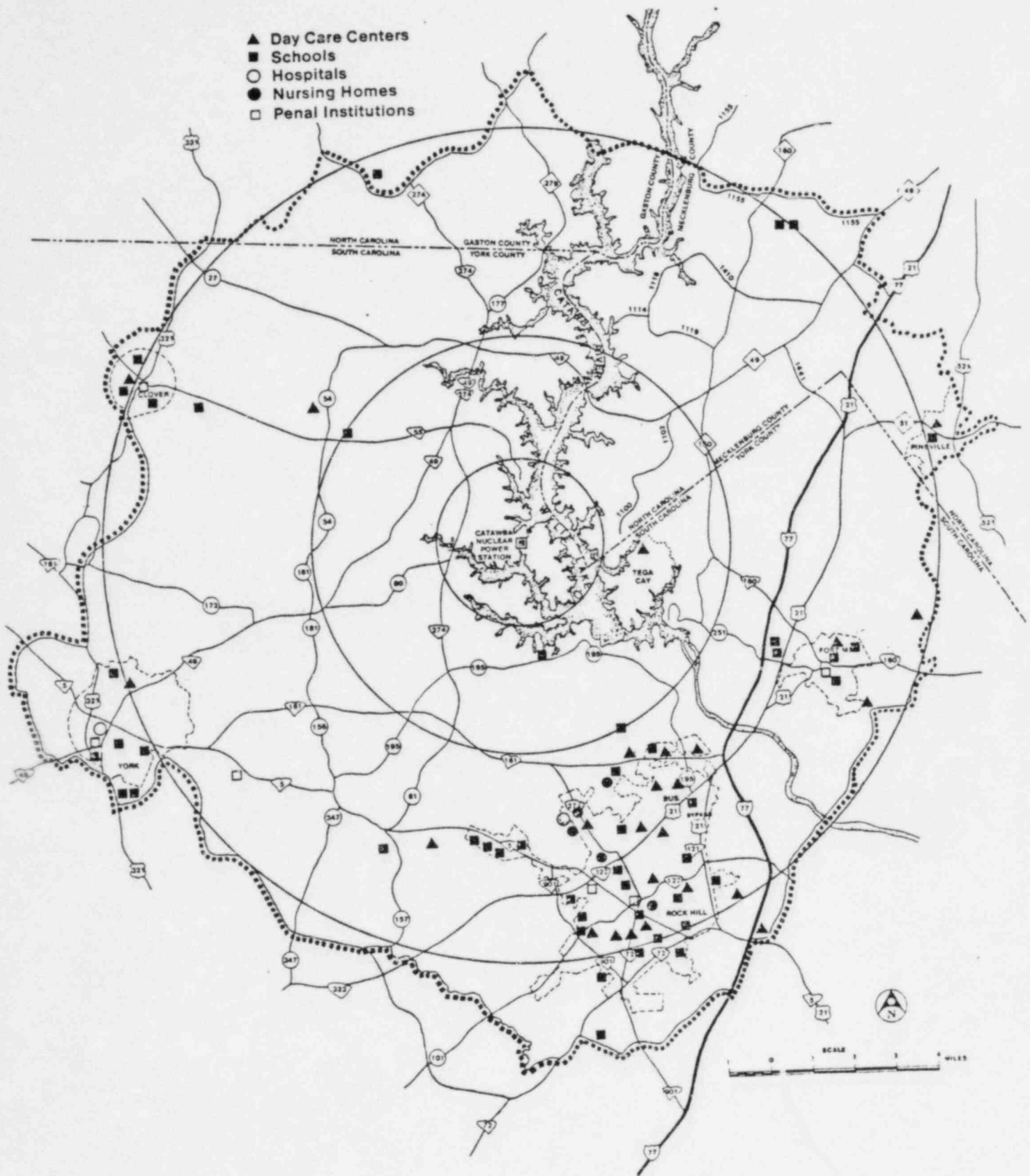
1. See distribution in Table 7, C.M.P.
2. See distributions in Tables 8 and 9, C.M.P.
3. See distributions in Tables 10 and 11, C.M.P.
4. See distribution in Table 13, C.M.P.
5. No special facilities in these zones, C.M.P.

Selective Evacuation Zones for the Catawba EPZ



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Figure 29



Location of Special Facilities

CATAWBA

Figure 30

**SPECIAL FACILITIES POPULATION
IN THE CATAWBA EPZ**

<u>Facility</u>	<u>Population</u>	<u>Location (Zone)</u>
Gaston County Schools		
W.A. Bess	469	F-3
Mecklenburg County Schools		
Steele Creek Elementary	777	A-2
Pineville Elementary	844	A-2
Olympic High	1,176	A-2
York County Schools		
A. O. Jones School	563	B-2
Alternative School	76	C-2
Belleview Elementary	450	C-2
Bethel Elementary School	364	F-1
Career Development Center	862	C-2
Castle Heights Junior High	960	C-2
Catawba School	445	C-1
Clover High School	1,008	E-2
Clover Junior High	596	E-2
Clover Middle School	561	E-2
Ebenezer Avenue Elementary	431	C-2
Ebinport Elementary	417	C-2
Edgewood Center	116	C-2
Episcopal Church Home for Children	62	D-2
Finley Road Elementary	453	C-2
Fort Mill High School	915	B-2
Fort Mill Junior High School	250	B-2
Harold C. Johnson Middle School	1,025	D-2
Jefferson Elementary	715	D-2
Kinard Elementary School	591	E-2
McCelvery Elementary	686	C-1
Mount Gallant Elementary	790	D-2
Northside Elementary	454	C-2
Northwestern High School	1,322	C-2
Oakdale Elementary	448	C-2
Rawlinson Road Junior High	1,251	C-2
Richmond Drive Elementary	452	C-2
Riverview Primary and Elementary Complex	1,292	B-2
Rosewood Elementary	389	C-1
St. Anne's	171	C-2

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Figure 30 (cont'd)

<u>Facility</u>	<u>Population</u>	<u>Location (Zone)</u>
York County Schools (continued)		
Sullivan Junior High	1,010	C-2
Sunset Park Elementary	458	C-2
Sylvia Circle Elementary	369	C-2
Trinity Christian	324	C-2
Winthrop College	4,881	C-2
York Christian School	140	D-2
York Comprehensive High and Johnson Vocational	1,070	D-2
York Road Elementary	562	C-2
York Technical College	2,850	C-2
Clinton College	275	C-2
Day Care Centers		
Adams Care Center	21	C-2
Child Development Center	62	E-2
Children's Christian	119	C-2
Children's Wonderworld	70	C-2
College Park Nursery	30	C-2
Davis Day Care Center	33	C-2
Ebenezer Day Care Center, Inc.	32	C-2
Emmitt Scott Day Care	85	C-2
Jimmy's Day Care	40	C-2
Kiddie Kollege Child Development Center	200	C-2
LaPetite Academy	75	C-2
LaPetite Academy	47	C-2
Little Fox Nursery	33	B-2
Little Peoples Day Care	60	C-2
Mt. Gallant Day Care	49	C-1
Pine Grove Day Care Center	30	D-2
R. H. Comprehensive Day Care	114	C-2
Tega Cay Day Care	24	B-1
Toddler House Nursery	40	C-2
Wards Wonderland	35	B-2
Wee Care Day Care Nursery	68	C-2
Whiteheads Kiddie Kare	45	C-2
Yours, Mine and Ours	45	D-2

Rev. 1

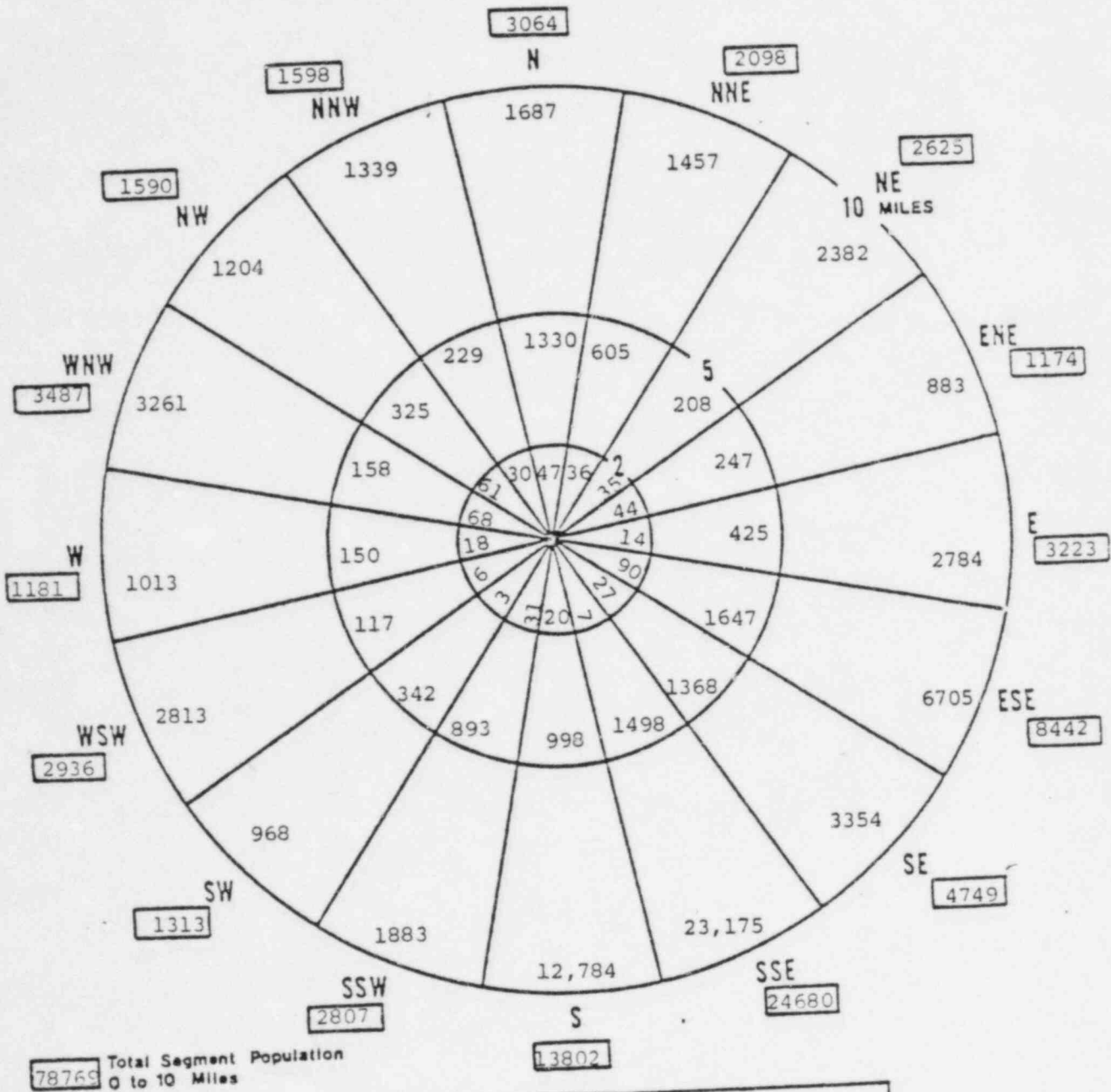
June 15, 1983

Figure 30 (cont'd)

<u>Facility</u>	<u>Population</u>	<u>Location (Zone)</u>
Hospitals		
Divine Savior Hospital	51	D-2
Piedmont Medical Center	160	C-2
Nursing Homes		
Anne's Convalescence Home	62	C-2
Divine Savior Home	51	D-2
Fallow Residential Care	37	C-2
Meadow Haven Nursing Center	132	C-2
Rock Hill Convalescence Center	141	C-2
Sunshine Homes	10	D-2
Penal Institutions		
Clover Detention Center	2	E-2
Fort Mill Detention Center	6	B-2
Rock Hill Detention Center (Cherry Road)	14	C-2
Rock Hill Detention Center (City Hall)	4	C-2
York County Prison	45	D-2
York Detention Center	6	D-2

Figure 31

Permanent Population by Sector - Catawba



POPULATION TOTALS			
RING, MILES	RING POPULATION	TOTAL MILES	CUMULATIVE POPULATION
0-2	537	0-2	537
2-5	10,540	0-5	11,077
5-10	67,692	0-10	78,769

Estimated Maximum Transient Population - Catawba

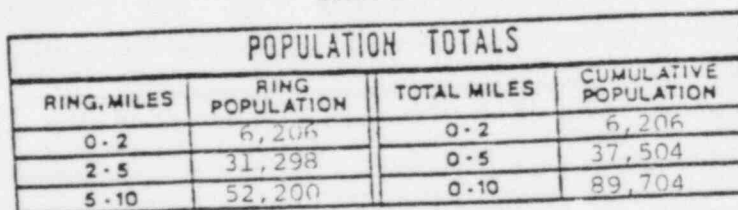


Figure 33

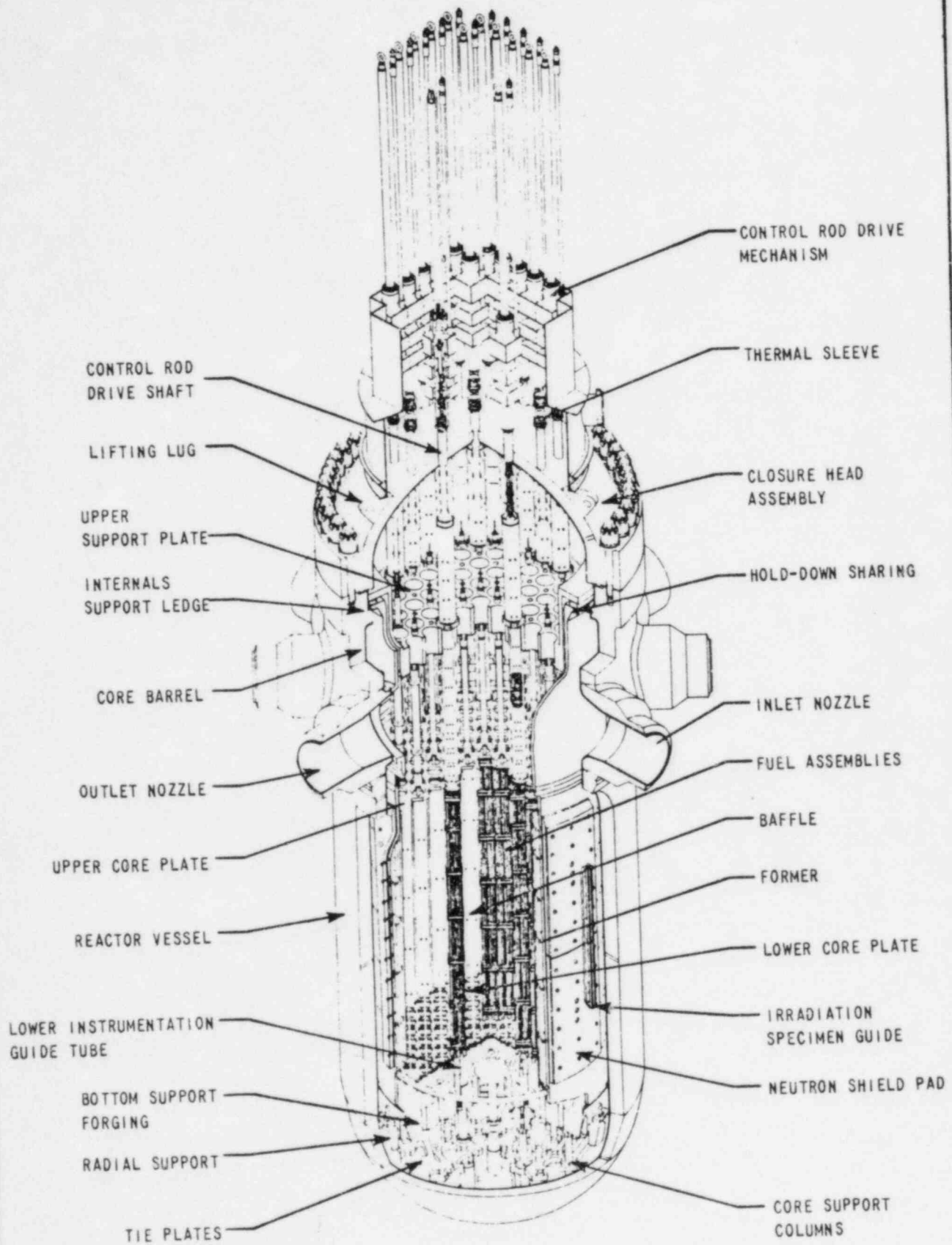


Figure 34

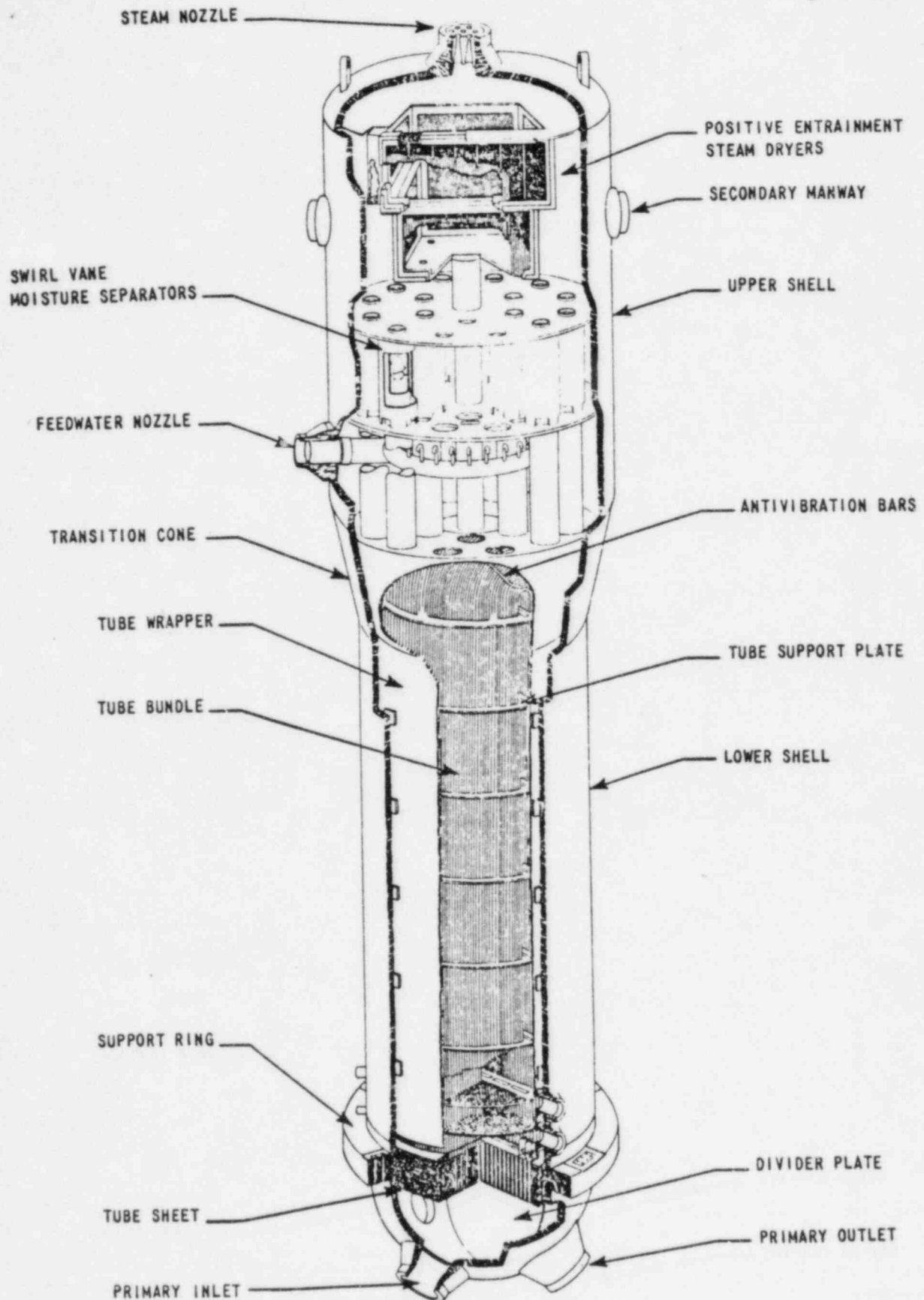


Figure 35

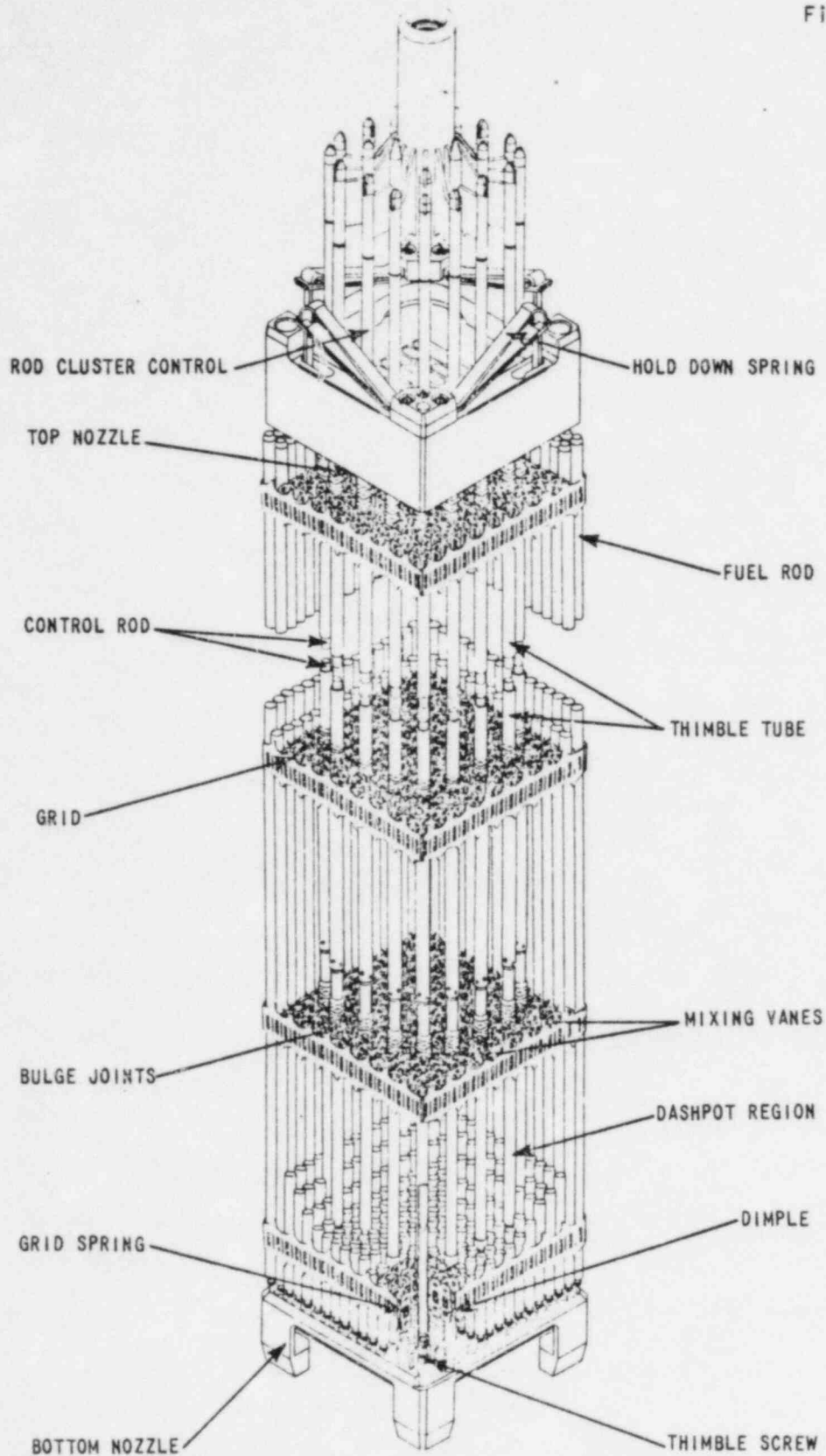


Figure 36

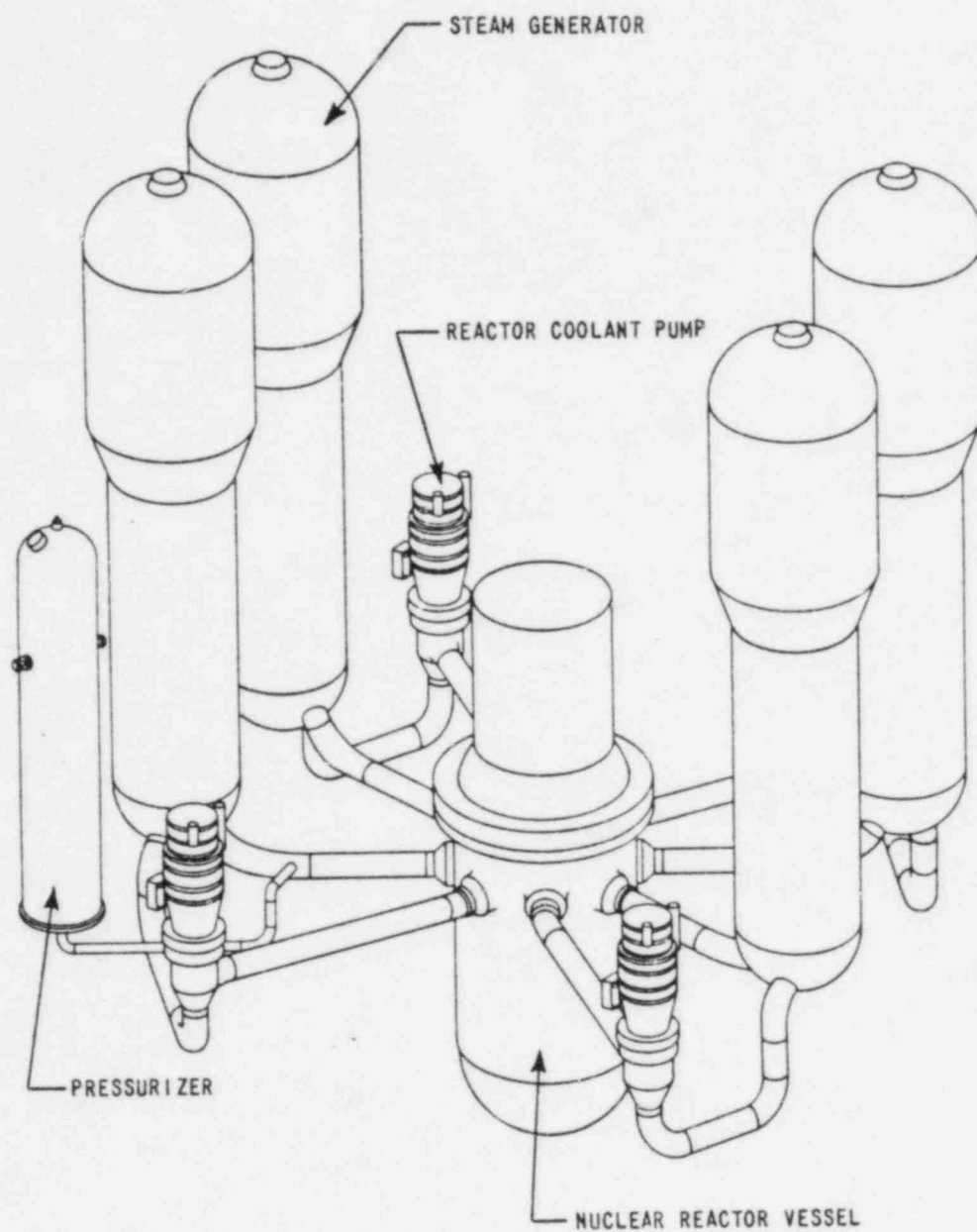


Figure 37

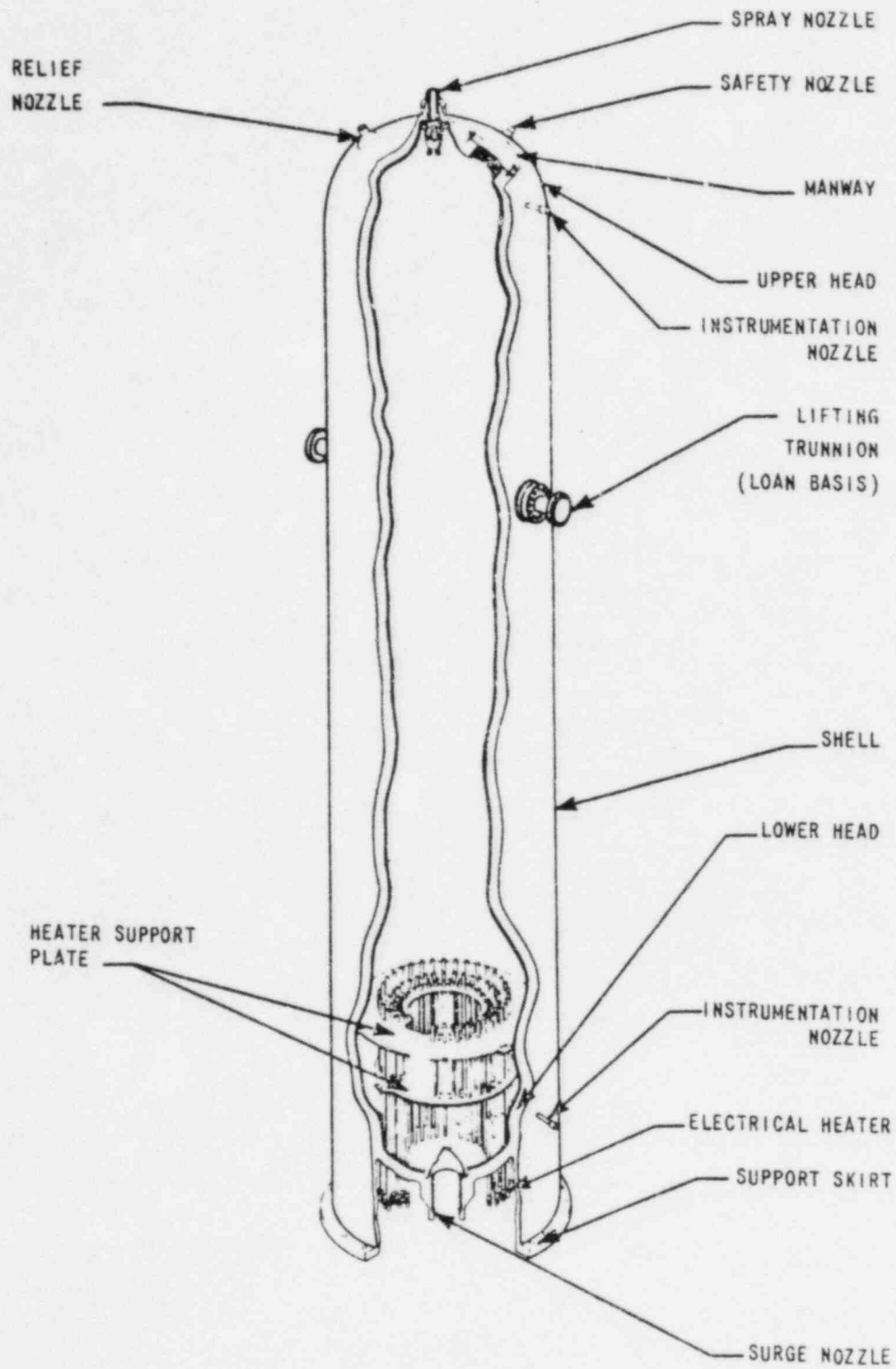
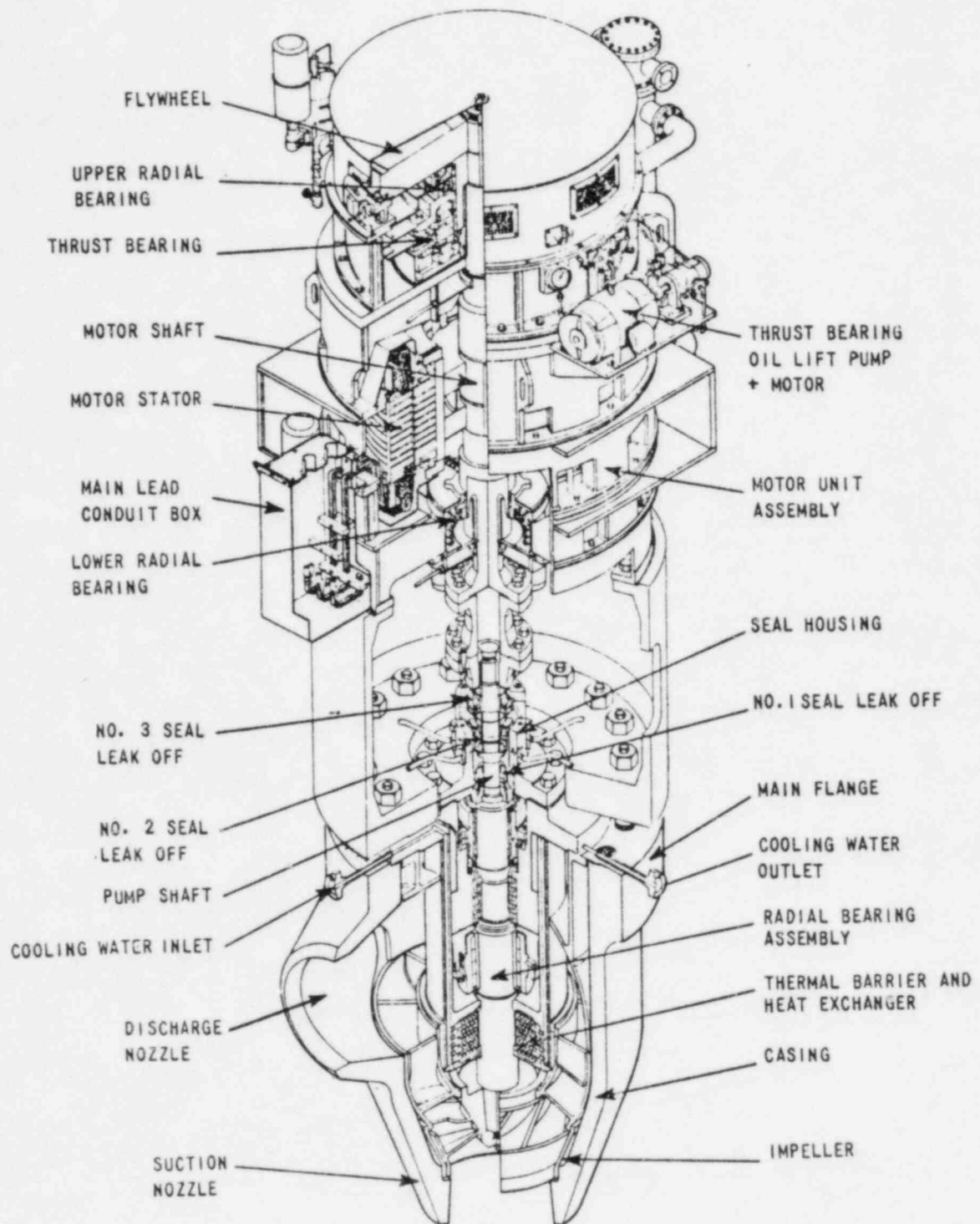


Figure 38



DUKE POWER COMPANY

ADMINISTRATION AND LOGISTICS PLAN

CRISIS MANAGEMENT TEAM

NOVEMBER 19, 1980

Revision Log

1	<u>August 1, 1981</u>	8	<u></u>
2	<u>October 1, 1981</u>	9	<u></u>
3	<u>February 1, 1982</u>	10	<u></u>
4	<u>September 15, 1982</u>	11	<u></u>
5	<u>February 15, 1983</u>	12	<u></u>
6	<u>June 15, 1983</u>	13	<u></u>
7	<u></u>	14	<u></u>

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A-3	Emergency Activation Message
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A.0 INTRODUCTION

A.1 PURPOSE

To support all other groups in the Crisis Management Center and at a nuclear station should an emergency occur with equipment, personnel, supplies, and personal services.

A.2 MAJOR FUNCTIONS

A.2.a Administration

A.2.b Accommodations

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 Medical

A.2.j Security

A.2.k Insurance

A.3 MANAGER - R. F. Smith

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

R. H. Lynn	C. Neil Alexander, Jr.
E. D. Morton	Purchasing Director, Commissary Director and Finance Director
S. M. Kessler	D. S. Moss
R. N. Johnson	Mike Lenderman (Human Resources Director)

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 on the Crisis Management Team.

A-7 DISTRIBUTION OF ADMINISTRATION AND LOGISTICS PLAN

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

A.7.a Oconee Training Center - Richard Bugert

A.7.b Mike Glover - 22 copies
(NRC and Implementing Plans)

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

A.7.d Lionel Lewis

A.7.e Primary Emergency Medical Technicians

A.8 AUDIT PROCEDURES

All of the information contained in this plan will be verified for accuracy semi-annually. These periodic audits are to be completed no later than March 31, and September 30 of each year.

Upon completion of these audits a letter will be sent to the Recovery Manager or designee signifying audit has been performed. Revisions to the plan, if necessary, will be distributed upon auditing as well as upon notification of changes throughout the year. The Administration Director will be responsible for initiating the audit.

A.9 EXPENSES INCURRED FOR THE CRISIS MANAGEMENT ORGANIZATION

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 CLASSIFICATION SYSTEM

Appendix A-2 describes the four classes of emergency action levels specifically addressed by each station's Emergency Plan.

A.11 EMERGENCY ACTIVATION FORM

Appendix A-3 is a form to be completed upon notification of an emergency by each team member.

A.12 DEFINITIONS

Appendix A-4 includes definitions of various terms associated with the Crisis Management Organization.

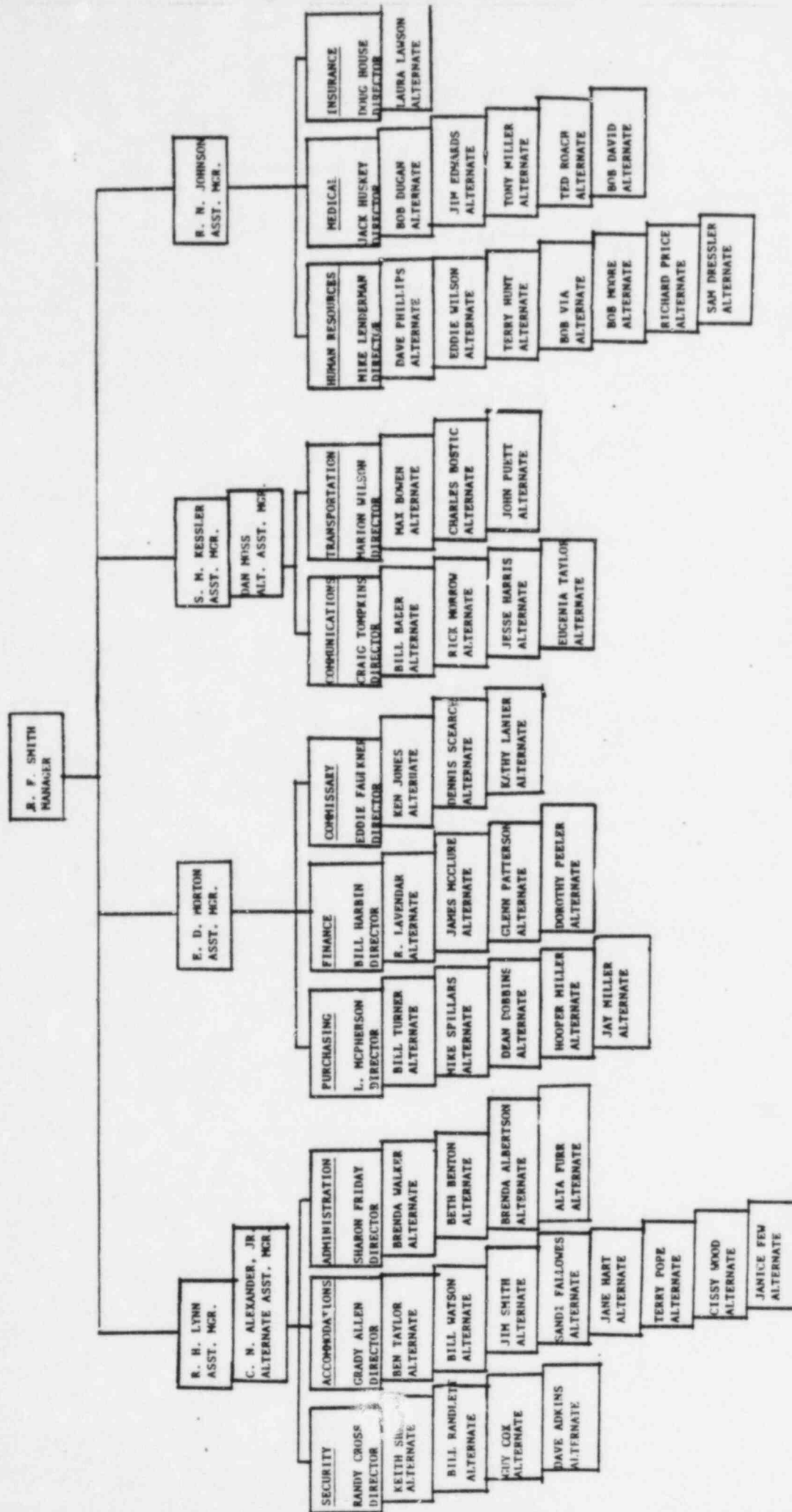
A.13 EXERCISES

Appendix A-5 explains activation of exercises as required by the NRC.

A.14 DECISION TREE

Appendix A-6 indicates a guide for the decision making process for managers and directors upon notification of an emergency, drill or exercise.

APPENDIX A-1
Page 1
ORGANIZATIONAL CHART



Rev. 6
June 15, 1983

EMERGENCY CLASSIFICATION SYSTEM

This section of the Crisis Management Plan generally describes each of the four classes of emergency action levels specifically addressed by each station's Emergency Plan. The four classes are as follows:

- 1) Notification of Unusual Event
- 2) Alert
- 3) Site Area Emergency
- 4) General Emergency

Emergency Classification - Initiating Conditions, Emergency Action Levels

Each class of emergency is described below.

NOTIFICATION OF UNUSUAL EVENT

This class is defined as primarily an in-plant occurrence requiring in-plant actions. It does not require offsite notification for the purpose of seeking assistance to protect the health and safety of the public. The purpose of this class is to provide notification of the emergency to the station staff utility headquarters, State and Local EOC's, and others as designated in station procedures.

ALERT

This class involves events that are in process or have occurred which involve an actual or potential substantial degradation of the level of safety of the station. The purpose of the alert class is to assure that emergency personnel are readily available to (1) activate the response centers, (2) respond if the situation becomes more serious or to perform confirmatory radiation monitoring if required, and (3) provide offsite authorities current status information.

SITE AREA EMERGENCY

This class involves events that are in process or have occurred which involve actual or substantial core degradation or melting with imminent potential for loss of containment integrity. The purpose of the general emergency class is to (1) initiate predetermined protective actions for the public, (2) provide continuous assessment of information from onsite and offsite measurements, (3) initiate additional measures as indicated by event releases or potential releases, and (4) provide current information for and consultation with offsite authorities and the public.

General Emergency

This class involves events that are in process or have occurred which involve actual or substantial core degradation or melting with imminent potential for loss of containment integrity. The purpose of the general emergency class is to (1) initiate predetermined protective actions for the public, (2) provide continuous assessment of information from onsite and offsite measurements, (3) initiate additional measures as indicated by event releases or potential releases, and (4) provide current information for and consultation with offsite authorities and the public. The actions in this class include all actions which would be taken in a Site Emergency.

APPENDIX A-3
PAGE 1

Crisis Management Organization (CMO)
Emergency Activation Message

The Nuclear Production Duty Engineer is contacted by the Nuclear Station in an emergency with information as shown in Figure E-4. The Duty Engineer contacts the Recovery Manager with that information. If the CMO is to be activated, the Duty Engineer uses this format to contact at least one person from each group shown in Figure B-12 of the Crisis Management Plan. Each group in the CMO uses this format to alert its members.

Your Name _____.

Person who contacted you _____ Your Group _____

Persons you contacted with this message _____ (If Any)

Message Format

1. This is _____ (caller's name).
2. I am notifying you of a drill/actual emergency at _____
Nuclear Station, Unit No. _____.
3. At this time the class of emergency is:

_____ Alert
_____ Site Area Emergency
_____ General Emergency
4. You are to activate your portion of the Crisis Management Organization and have them report to:

_____ the Charlotte General Office
_____ the Oconee Training Center
_____ the Liberty Retail Office
5. Specific Instructions (if any) _____

6. Please return a copy of this completed format to the Administration Director.

DEFINITIONS

ASSESSMENT ACTIONS

Those actions taken during or after an accident to obtain and process information that is necessary to make decisions to implement specific emergency measures.

CORRECTIVE ACTIONS

Emergency measures taken to ameliorate or terminate an emergency situation at or near the source of problem to prevent an uncontrolled release of radioactive material or to reduce the magnitude of the release, e.g., shutting down equipment, fire-fighting, repair and damage control.

PROTECTIVE ACTIONS

Those emergency measures taken after an uncontrolled release of radioactive materials has occurred for the purpose of preventing or minimizing radiological exposures to persons that would be likely to occur if the actions were not taken.

POPULATION-AT-RISK

Those persons for whom protective actions are being or would be taken.

AFFECTED PERSONNEL

Persons who have received radiation exposure or have been physically injured as a result of an accident to a degree requiring special attention as individuals, e.g., decontamination, first aid, or medical services.

RECOVERY ACTIONS

Those actions taken after the emergency to restore the station as nearly as practicable to its pre-emergency condition.

PROTECTIVE ACTION GUIDES (PAG)

Projected radiological dose or dose-commitment values to individuals in the general population that warrant protective action following a release of radioactive material. Protective actions would be warranted provided the reduction in individual dose expected to be achieved by carrying out the preventive action is not offset by excessive risks to individual safety in taking the protective action.

EMERGENCY ACTION LEVELS

Radiological doses or dose rates; specific contamination levels of airborne, waterborne, or surface-deposited concentrations of radioactive materials; or specific instrument indications (including their rate of change) may be used as thresholds for initiating such specific emergency measures as designating a particular class of emergency; initiating a notification procedure, or initiating a particular protective action.

SITE

That part of the nuclear station property consisting of the Reactor, Auxiliary, Turbine, and Service Buildings and grounds, contained within the owner controlled area fence.

EXCLUSION AREA

The area around the nuclear station, including the site, out to a radius of 2500 feet (5280 feet for Ocone).

PLUME EXPOSURE PATHWAY

The principle exposure sources from this pathway are (a) whole body external exposure to gamma radiation from the plume and from deposited material and (b) inhalation exposure from the passing radioactive plume. The time of potential exposure could range from hours to days.

INGESTION EXPOSURE PATHWAY

The principle exposure from this pathway would be from ingestion of contaminated water or foods such as milk or fresh vegetables. The time of potential exposure could range in length from hours to months.

EMERGENCY PLANNING ZONE (EPZ)

The area for which planning is needed to assure that prompt and effective actions can be taken to protect the public in the event of an accident. The plume exposure EPZ is about 10 miles in radius and the ingestion exposure EPZ is about 50 miles in radius.

TECHNICAL SUPPORT CENTER (TSC)

The Technical Support Center is utilized for evaluation of plant status by knowledgeable personnel in support of operations during an emergency situation.

OPERATIONAL SUPPORT CENTER (OSC)

The Operational Support Center is the place designated for operations support personnel to report in an emergency situation.

APPENDIX A-4
PAGE 3

CRISIS MANAGEMENT CENTER (CMC) OR (EOF)

The Crisis Management Center is the facility utilized for direction and control of all emergency and recovery activities with emphasis on the coordination of offsite activities such as dispatching mobile emergency monitoring teams, communications with local, State and Federal agencies, and coordination of corporate and other outside support. Frequently referred to as the Emergency Operation Facility (EOF).

PROTECTED AREA

An area encompassed by physical barriers and to which access is controlled.

VITAL AREA

Any area which contains vital equipment.

DRILL

A drill is a supervised instruction period aimed at testing, developing, and maintaining skills in a particular operation.

EXERCISE

An exercise is an event that tests the integrated capability and a major portion of the basic elements existing within emergency preparedness plans and organizations.

EXERCISES

Exercises

Duke Power Company will conduct an emergency exercise at its Oconee, Catawba and McGuire Nuclear Stations once a year. These annual exercises will be either "full-scale" or "small-scale" events (as defined in 10 CFR Part 50 Appendix E) and will be coordinated tests involving the Station organization, the Crisis Management Organization, the local counties, the State(s) emergency organization (full-scale only), and, when possible, Federal Agency involvement.

The exercise scenario, data, and messages will be developed by Duke Power Company personnel in conjunction with offsite agency representatives. The event will be designed to test the integrated capability of those involved and a major portion of the basic elements existing within the plans and organizations. Events involving all four emergency classes will occur in these exercises.

The "full-scale" exercises (held at least every five years) will include mobilization of State and local personnel and resources, the Crisis Management Organization and Federal Agencies; whereas, the "small-scale" exercises (held when a "full-scale" is not planned) will include local, Station, and Crisis Management Organization response only.

The scenario for these events will be varied from year to year to allow Emergency Planners to test group response to many of the initiating conditions. The exercise will be initiated at various times of the day, but in every six year period from 1981 on, one exercise will begin between 6:00 P.M. and midnight, and another between midnight and 6:00 A.M.

APPENDIX A-6
PAGE 1

DECISION TREE

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

R. F. Smith - Report to facility designated for activation after making necessary group notification.

S. M. Kessler - Make telephone notifications in accordance with call-up list.

Establish communication system at Crisis Management Center.

Transport Accommodations trailer to Oconee, if appropriate and set it up.

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.

R. H. Lynn - Make telephone notifications in accordance with call-up list.

Establish security checkpoints with instructions.

Establish Processing Center.

Send supplies and equipment to appropriate locations.

Report to Administration and Logistics area of the CMC.

APPENDIX A-6
PAGE 2

R. N. Johnson - Send Medical Team and supplies to CMC.

Report to Administration and Logistics area of CMC.

B.0 ADMINISTRATION DIRECTOR

B.1 PURPOSE

To provide general administrative office support and supplies.

B.2 MAJOR FUNCTIONS

B.2.a Coordinates training meetings

B.2.b Provides Site layouts

B.2.c Provides office supplies and equipment including flashlights, batteries, clocks, telecopiers, etc.

B.2.d Provides photography services and cameras

B.2.e Provides secretarial/clerical services

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

B.2.g Provides on-site newsletter

B.2.h Provides nametags and placecards

B.2.i Initiates audit of plan and distributes revisions

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)

Sharon Friday

B.3.b ALTERNATES

Beth Benton
Brenda Albertson
Brenda Walker
Alta Furr

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 in this area. Accommodations Group will initially require three clerical people at Ocone.

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 setting up copy machines. (Ocone PIO or G.O. PIO 5th room PB.)
 - (2) Responsible for getting a telecopier to Data Coordinator. (Ocone only.)
 - (3) Responsible for personnel needs of accommodations.

- Person #2:
- (1) Responsible for distributing placecards in Recovery Manager's office.
 - (2) Responsible for distributing disposable ashtrays. (Ocone)
 - (3) Ocone only - Relieve receptionist periodically.
 - (4) Responsible for data representation.

Person #3: Responsible for secretarial/clerical needs of state/county public information officers.

Person #4: Ocone

- (1) Maintain receptionist's desk and take care of normal Training Center calls by explaining drill/emergency situations.
- (2) Perform typing as required by Administration Group.

B.5 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.7 EQUIPMENT REQUIRED TO PERFORM DUTIES

Office supplies will be provided as shown in Appendix B-2 by the Director or designee. 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 Team.

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 DUKE POWER RETAIL OFFICES

A list of all Duke Power district offices in North and South Carolina is included in Appendix B-5. It may be necessary to obtain more assistance than already designated from these offices concerning office equipment, supplies, clerical personnel and other human resource needs.

B.10 FACILITY LAYOUT

Appendix B-6 shows the layout of the sites during a crisis. The commissary area, trailer setup, parking areas and heliport are indicated.

B.11 PHOTOGRAPHY SERVICES

Following are sources for photography services in addition to the cameras and supplies maintained in the Administration and Logistics office.

General Office: Tom Somers (Construction Department)
Work Phone
Home Phone

McGuire: Jim Reynolds
Work Phone
Home Phone

Oconee: Coleman Jennings
Work Phone
Home Phone

B.12 NEWSLETTER

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

B.13 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.14 INVENTORY OF SUPPLIES

Within two weeks after the completion of a drill, or crisis, an audit will be performed on the office supplies and equipment stored in the Crisis Management Closet. At that time the quantities that are low will be replenished. A check list showing required quantities will be provided.

B.15 RECORDS FOR ADMINISTRATION AND LOGISTICS TEAM

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

B.14.a Historical files

B.14.b Expenses

B.14.c Requisitions

B.14.d Correspondence - Incoming and Outgoing

B.14.e Minutes of Meetings

B.14.f Record of Audits Completed

B.14.g Logs of Identification Cards, SLED Badges and Manuals

B.16 AUDIT PROCEDURE

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

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APPENDIX B-1
PAGE 1
RESERVE PERSONNEL

	HOME PHONE	WORK PHONE	SUPERVISOR	DEPARTMENT	LOCATION	TYPING	SHORTHD	DICTAPH	SWITCHBOARD
<u>Oconee</u>									
Danny Powell			D L Freeze	SSD	Oconee	Has secretaries and clerks available			
Sheila Smith			Jay Norris	SSD	Oconee	X			
June Nix			Jay Norris	SSD	Oconee				
Karen Litzenberger			Danny Powell	SSD	Oconee				
Fran Riley			Danny Powell	SSD	Oconee				
*June Marshall			Craig Tompkins	SSD	Oconee	X			
*Diane Price			Craig Tompkins	SSD	Oconee	X			
*Vicki Cox			Craig Tompkins	SSD	Oconee	X			
Richard Bugert				Trng Center	Oconee				
Sharon R Crooks			Richard Bugert	Trng Center	Oconee	X		X	X
John McIntosh				Tech Support	Oconee				
Roger Nichols				Tech Sup	Oconee	Has secretaries and clerks available			
John Binder				Tech Sup	Oconee				

*To be used only as secondaries

	HOME PHONE	WORK PHONE	SUPERVISOR	DEPARTMENT	LOCATION	TYPING	SHORTHD	DICTAPH	SWITCHBOARD
<u>McGuire</u>									
Otis Gray			Otis Gray	Trng Center	McGuire				
Maudice Livingston			Maudice Livingston	Trng Center	McGuire				X
Tammy McKnight			Maudice Livingston	Trng Center	McGuire				X
Brenda Mork			Maudice Livingston	Trng Center	McGuire				X
Cynthia Henley			Maudice Livingston	Trng Center	McGuire				X
Vicki McGinnis			Maudice Livingston	Trng Center	McGuire				X
Patti Mayes			Maudice Livingston	Trng Center	McGuire				X
Johnnie M Caldwell			Maudice Livingston	Trng Center	McGuire				
Vicki Brewer			Maudice Livingston	Trng Center	McGuire				
Audrey Caldwell			E Scarborough	Trng Center	McGuire				X
Debbie Helton			E Scarborough	Trng Center	McGuire				X
Rebecca Hicks			E Scarborough	Trng Center	McGuire				X
Melva Hicks			E Scarborough	Trng Center	McGuire				X
Kay Hansen			C L Sansbury	DE	EC	X	X	X	

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PAGE 2

<u>Either Location</u>	<u>HOME PHONE</u>	<u>WORK PHONE</u>	<u>SUPERVISOR</u>	<u>DEPARTMENT</u>	<u>LOCATION</u>	<u>TYPING</u>	<u>SHORTHD</u>	<u>DICTAPH</u>	<u>SWITCHBOARD</u>
Kathy Klein			Bob Penninger	Fossil	Wachovia	45 wpm		*Document Control	
Virginia Blakely			Gary Murdock	Fossil	Wachovia	65 wpm		X	*Word Processing
Kathy Simmons			I W Pearce	DE	EC	63 wpm	100 wpm	X	
Arlene Ritter			R E Miller	DE	EC	X		X	
Kathy Rowland			C J Wyllie	DE	EC	X	X	X	
Renee Reeves			Judi Ferguson	Steam	Wachovia				
Debbie Branham			J H Rame	Steam	Wachovia				
Gary Moore			Richard Price	Purchasing	PB			*Mail, Copy Machine	
Burette Shipp			Gary Moore	Purchasing	PB			*Mail, Copy Machine	
Jay Huggins			A W Lemmond	Info Systems	PB			*Copy Machine, Telecopier, Supplies, Office Equipment	
Pam Deese			Steve Kessler	Purchasing	WC				
Donna Hester			Pete Herran	Design	EC				

APPENDIX B-2
*OFFICE SUPPLIES

QUANTITY REQUIRED	DESCRIPTION
1 Box	Letter Size File Folders
100 ea.	#10 Plain White Envelopes
100 ea.	#10 Envl. w/Char. Address
1 Box	Reusable Interoffice Envl.
12 ea.	Steno Notebooks
24 ea.	5 x 8 White Scratch Pads
12 ea.	4 x 6 White Scratch Pads
12 ea.	8½ x 11 Wht. Ruled Pads
12 ea.	8½ x 11 Yellow Legal Pads
20 ea.	Telephone Message Pads
1 Box	Ltr. Size Typewriter Carbon
2 pks.	8½ x 11 Xerocopy Paper
1 pk.	Blue Copy Sheets
1 pk.	Yellow Copy Sheets
1 pk.	Letterhead w/Charlotte Address
ea.	Typewriter Ribbons (Cor. Selectric)
6 ea.	Lift Off Tapes (For Cor. Selectric)
2 Btls.	White Correction Fluid
12 ea.	Typewriter Erasers
48 ea.	#2 Pencils
36 ea.	Black Med. Point Pens
36 ea.	Blue Med. Point Pens
36 ea.	Red Med. Point Pens
2 ea.	Scissors
4 ea.	Pencil Sharpeners
3 ea.	Desk Top Staplers
3 Bx.	Standard Staples
4 ea.	Staple Removers
2 Bx.	Medium Paper Clips
2 ea.	Tape Erase w/Dispenser
100 ea.	Transparencies

QUANTITY REQUIRED	DESCRIPTION
1 pack	Rubberbands (#18)
2 ea.	Letter Openers
10 ea.	Wooden Rulers
1 ea.	Legal Size Clipboard
1 ea.	Letter Size Clipboard
1 pack	8½ x 14 Xerocopy Paper
1 box	File Folder Labels Wht. w/blue
1 ctn.	Name Tags (Hello My Name is -)
30 ea.	Trash Can Liners
10 ea.	Black China Markers
12 ea.	Red - Water Color Markers
12 ea.	Blue - Water Color Markers
12 ea.	Black - Water Color Markers
1 ea.	Dictionary
15 ea.	Wire Ltr. Size File Trays
1 case	Disposable Ash Trays
72 ea.	Flashlight Batteries D Size
1 box	Safety Wands
24 ea.	Flashlights
36 ea.	7½ Volt Batteries
25 ea.	Spotlights
6 ea.	Metal Name Card Holders
2 ea.	Telecopiers
1 ea.	Typewriter Table
1 box	Bulldog Forms
1 ea.	Envelope containing Stamp Pads, Holders and ID Stamps for VISITOR CONSTRUCTION
1 ctn.	Containing Wooden Place Card Holders and Place Cards
1 box	Typewriter Ribbons for Selectric 71

*Supplies maintained in CMT Closet near Stationery Department in Power Building

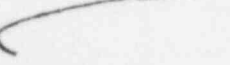

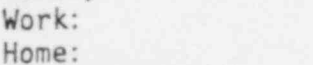
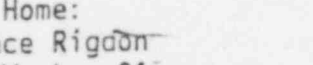
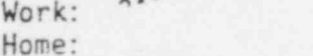
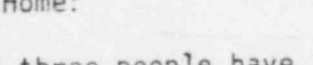
OFFICE EQUIPMENT

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

Initial Requirements: 1 - General Office PIO
1 - Oconee State/Counties Public Info Officers


1. DPCO
Power Building
Office Supply
Leslie Hvatt
2. Duke Power Company
422 South Church Street
Charlotte, N.C. 28242
Contact: Jay Huggins
Office No.
3. DPCO
Safety Department
Second Street
John Francis -
Brenda Perry -
4. DPCO
Power Building
Personnel
Kathy B. Brown -
5. DPCO
Residential Energy Services
Power Buidling
Diane Thompson
6. DPCO
Econ. Dev.
Wachovia Center
Lou G. Plowman
Jack Roddey -

COPY MACHINES - Oconee area

1. Oconee SSD
Lane Freeze
Home: -
2. Greenville Retail Office
Rod Dailey
Work: 
Home: 
Willy Crisp
Work: 
Home: 
Wallace Rigdon
Work: 
Home: 



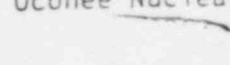
These three people have 24-hour access to the Greenville Retail Office and can transport supplies to the Liberty Retail Office if required.

3. E. O. Ferrell, III - Dist. Mgr. Anderson District Office:

Alternate: Walker Pickens, Marketing Manager
Office: 
Home:

Mr. Ferrell is able to draw from Duke Power in Pendleton, Clemson, etc. Type of machines available are: Xerox, Thermofax and Portable Blueprint (self-contained, no venting required).

ID CAMERAS - Two required initially

1. Accommodations Trailer
2. Louise Watson
General Office Personnel

3. Maudice Livingston
McGuire Training Center

4. Roger Nichols
Oconee Nuclear Station


APPENDIX B-3

PAGE 3

OFFICE EQUIPMENT

LINEMAN'S SPOTLIGHT (7½ V)

This light adjusts from spot to flood and can operate continuously for approximately eight to ten hours on one battery.

Also, available from Toddville Warehouse Ned Chavers
Matthew Jackson 4043 Pwr Bldg

After hours call watchman first, let it ring until answered. The watchman will secure the person alerted for emergency. This responsible person will then call and receive the necessary instructions and make the arrangements to fill the emergency. The watchman is not allowed to take instructions but only to secure a responsible person, thus eliminating the necessity for an outsider to make numerous calls trying to locate someone.

CAMERAS (1-Poloroid and 1-35 mm required initially)

1. Frank Boyce - Design Engineering - General Services
extension
2. Bob Hollis - Mill Power
extension (1 - Poloroid)
3. Jim Parker - Construction Services
extension

Film is maintained by each of these individuals

There is a distribution center in the Greenville area where additional items can be obtained by contacting the same individuals listed above.

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PAGE 4

BASE DICTAPHONE (Cassette Type) TRANSCRIBER (1 required initially)

1. Margaret Hunt - Mill Power, extension (1)
2. Ruth Helms - Mill Power, extension (1)

PORTABLE DICTATING UNIT (1 required initially)

1. Sharon Friday - Mill Power, extension (1)
2. Katherine Murphy - DE Electrical, extension (2 or 3)

TELECOPIERS (PORTABLE)

- 1 - NRC
- 1 - Data Coordinator

1. Crisis Management Closet
2. Legal and Finance - maintained in CMT Closet
3. McGuire Construction or Oconee SSD
4. John Simmons - extension

TELECOPIERS (NON-PORTABLE)

1. WC15-Fossil Production (Bob Penninger)
2. WC22-Construction Services (Judi Lewis)
3. PB2-Copy Center (Jay Huggins)
4. EC-Parking Level 2

TYPEWRITERS

- 1 - P.I.O.'s
- 2 - Court Recorders
- 1 - Spare

(Note: 2 typewriters are maintained for the Accommodations group in their trailer)

1. Brenda Walker - Office Supply extension 5401 (3)
2. Oconee SSD - Danny Powell (1)
3. Alta Furr - Purchasing, extension 4940
4. McGuire Construction (1)

APPENDIX B-4
PAGE 1

OFFICE SUPPLY COMPANIES

OCONEE NUCLEAR STATION

Harper Brothers
131 South Main Street
Greenville, S.C. 29602
Jim Williams
Office:

Harper Brothers
1001 North Main Street
Anderson, S.C. 29621

Young Office Supply
105 South Main Street
Spartanburg, S.C. 29301
Tom R. Young, Jr.
Office:
Home:

Fant's Book Store
101 North Main Street
Anderson, S.C. 29621
Marshall Fant
Office:
Home:

Business Equipment Company, Inc.
104 W. North Street
Greenville, S.C. 29601

Anderson Business Equip. Co., Inc.
510 Murray Avenue
Anderson, S.C. 29621

Oconee Office Supply
North Townville Street
Seneca, S.C. 29678

Kearns Corp.
337 West Main
Easley, S.C. 29640

Clemson University Bookstore
Clemson, S.C. 29631

Tempo Leasing Corporation
912 Laurens Road
Greenville, S.C. 29607

(lease desks, chairs, files, etc.)

APPENDIX B-4
PAGE 2

OFFICE SUPPLY COMPANIES

MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION

Forms and Supply
1733 University Commercial Place
Charlotte, N.C. 28213
Phone: _____

Office Interiors
1117 Clement Avenue
Charlotte, N.C. 28205
Phone: _____
Charles Cummings

Metrolina Office Suppliers, Inc.
P. O. Box 668436
Charlotte, N.C. 28266
Phone: _____

Pound and Moore
1447 South Tryon Street
P.O. Box 30427
Charlotte, N.C. 28230
Phone: _____

Kale Office Outfitters, Ltd.
217 South Tryon Street
Charlotte, N.C. 28201
Phone: _____

Scott Beaver
Building Services
Power Building
Extension _____
(Used Furniture)

APPENDIX B-4
PAGE 1

OFFICE SUPPLY COMPANIES

OCONEE NUCLEAR STATION

Harper Brothers
631 South Main Street
Greenville, S.C. 29602
Jim Williams
Office:

Harper Brothers
1001 North Main Street
Anderson, S.C. 29621

Young Office Supply
105 Southport Road
Spartanburg, S.C. 29301
Tom R. Young, Jr.
Office:
Home:

Fant's Book Store
126 North Main Street
Anderson, S.C. 29621
Marshall Fant
Office:
Home:

Business Equipment Company, Inc.
104 W. North Street
Greenville, S.C. 29601

Anderson Business Equip. Co., Inc.
510 Murray Avenue
Anderson, S.C. 29621

Oconee Office Supply
North Townville Street
Seneca, S.C. 29678

Kearns Corp.
337 West Main
Easley, S.C. 29640

Clemson University Bookstore
Clemson, S.C. 29631


Tempo Leasing Corporation
912 Laurens Road
Greenville, S.C. 29607

(lease desks, chairs, files, etc.)

APPENDIX B-5
PAGE 1

DUKE POWER
DIVISION OFFICES


NORTHERN DIVISION

Mr. J. G. Mann
Vice President
Duke Power Company
P. O. Box 5177
Winston-Salem, N.C. 27103
Phone: 

WESTERN DIVISION

Mr John F. Lomox
Vice President
Duke Power Company
P. O. Box 2589
Hickory, N.C. 28603


EASTERN DIVISION

Mr. T. M. Patrick, Jr.
Vice President
Duke Power Company
P. O. Box 21666
Greensboro, N.C. 27420
Phone: 

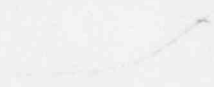
CHARLOTTE DIVISION

Mr. Fred E. West, Jr.
Vice President
Duke Power Company
P. O. Box 33189
Charlotte, N.C. 28242

CENTRAL DIVISION

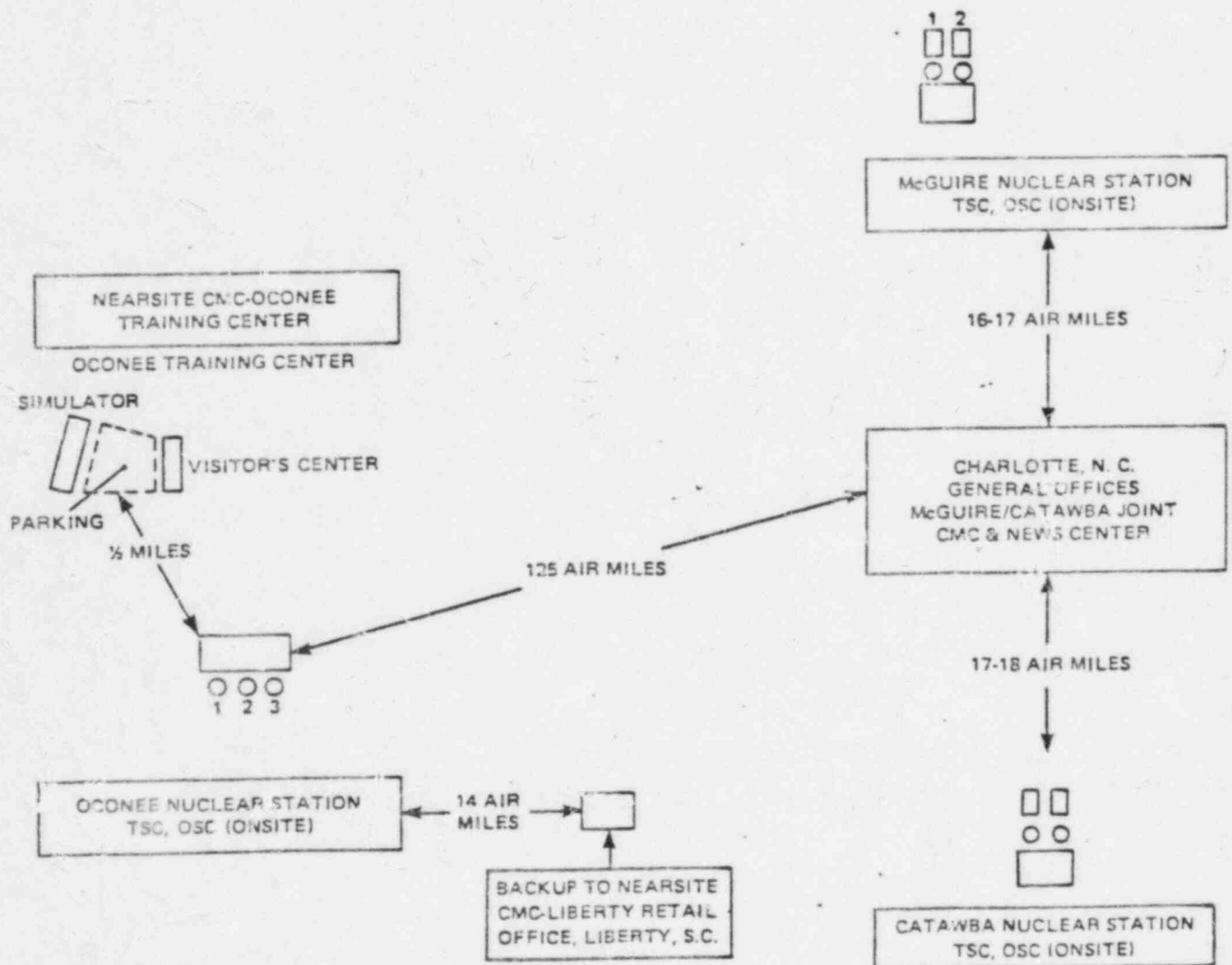
Mr. Dwight B. Moore
Vice President
Duke Power Company
P. O. Box 33189
Charlotte, N.C. 28242
Phone: 

SOUTHERN DIVISION

Mr. T. C. Berry
Vice President
Duke Power Company
P. O. Box 5107, Station B
Greenville, S.C. 29606
Phone: 

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

APPENDIX B-6
PAGE 1

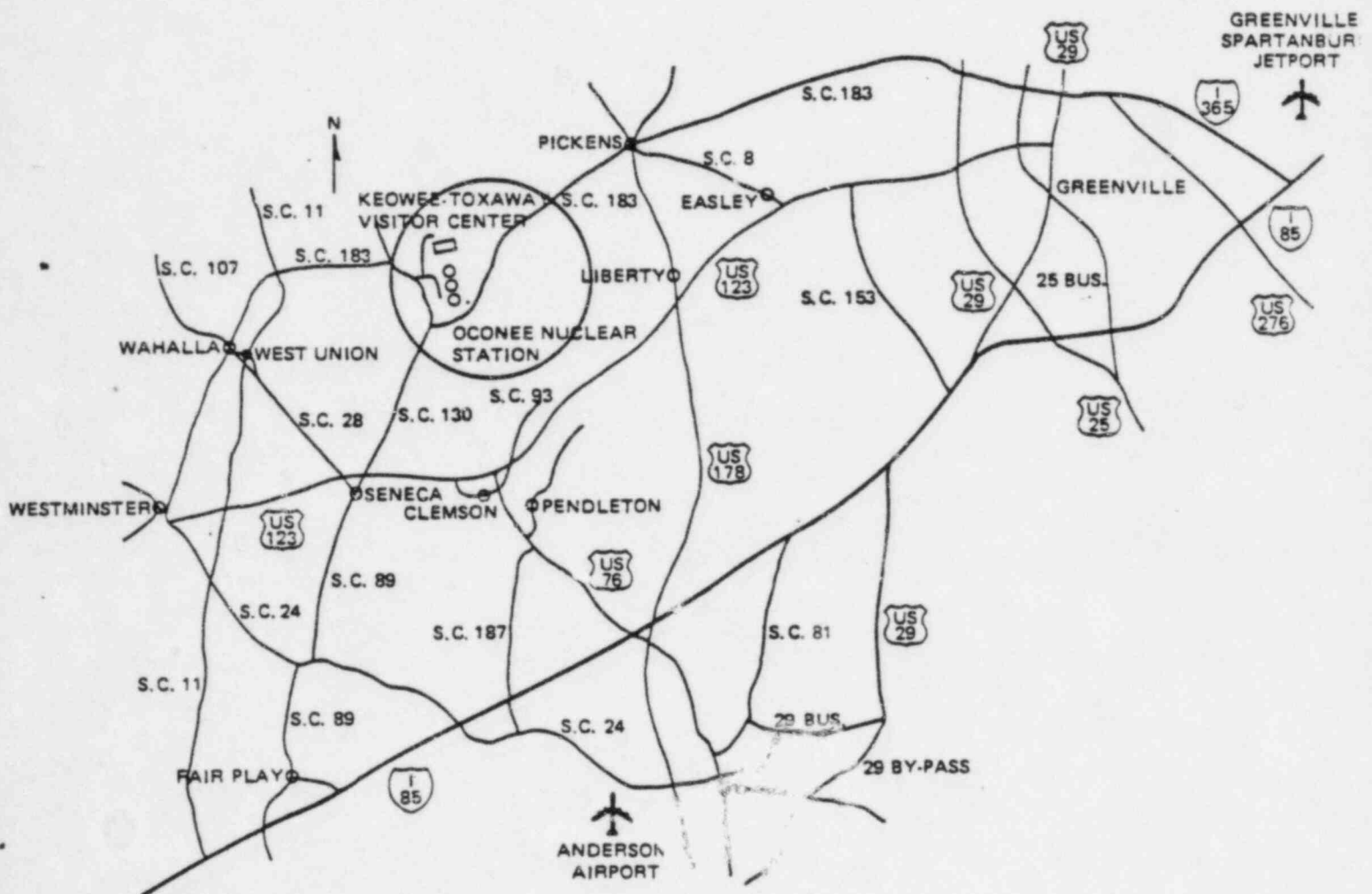


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JUNE 15, 1983

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

APPENDIX B-6
PAGE 2
OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LOCATION

DIRECTIONS: Take I-85 South
Turn at SC 153 to Right
Turn Left on SC 123
Turn Right on SC 130
Continue until you see Oconee on right



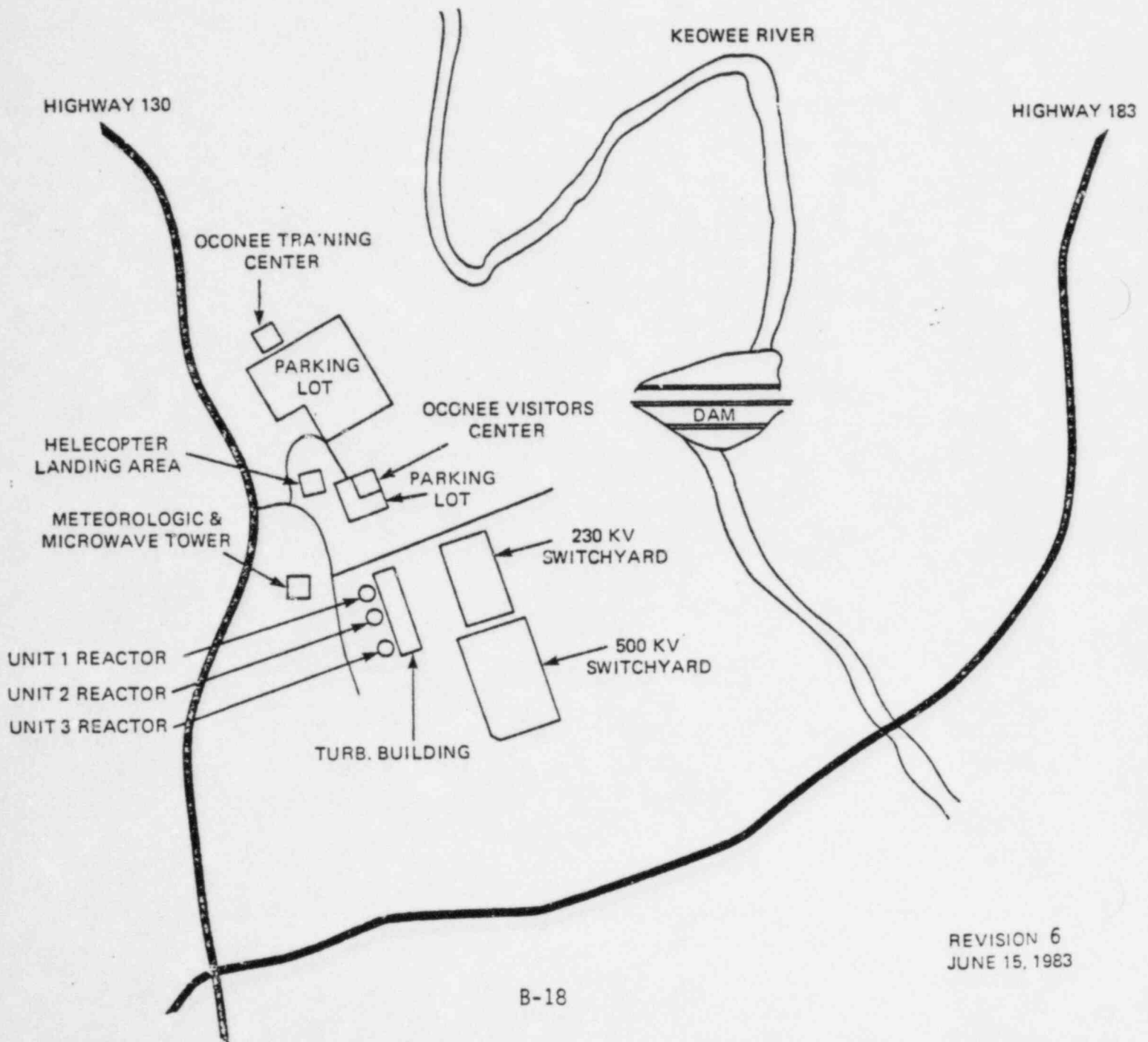
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DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

APPENDIX B-6
PAGE 3

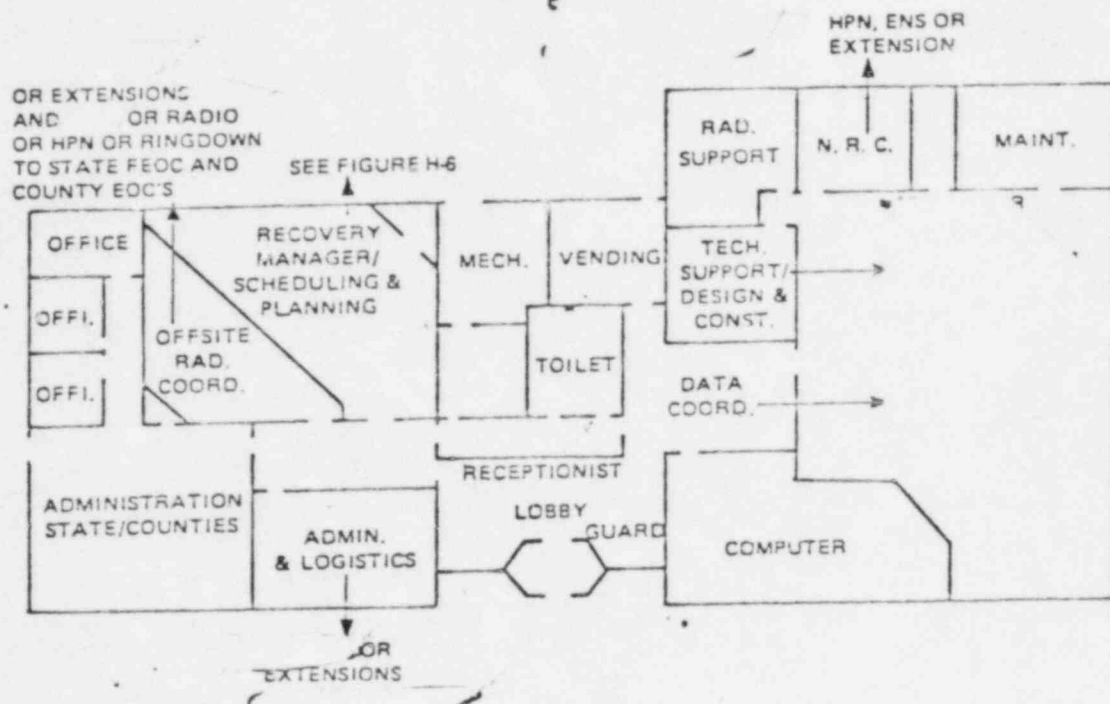
OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LAYOUT



REVISION 6
JUNE 15, 1983

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION
APPENDIX B-6
PAGE 4

NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER
COMMUNICATIONS LAYOUT



NOTE: EXTENSIONS ARE OFF OF

(AREA CODE IS 803)

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DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

OCONEE NUCLEAR STATION
APPENDIX B-6
PAGE 5

- ① TSC RINGDOWN ON SPEAKERPHONE
② (DEDICATED LINE TO S. C. DIRECTOR ON SPEAKERPHONE)
③ ON SPEAKERPHONE

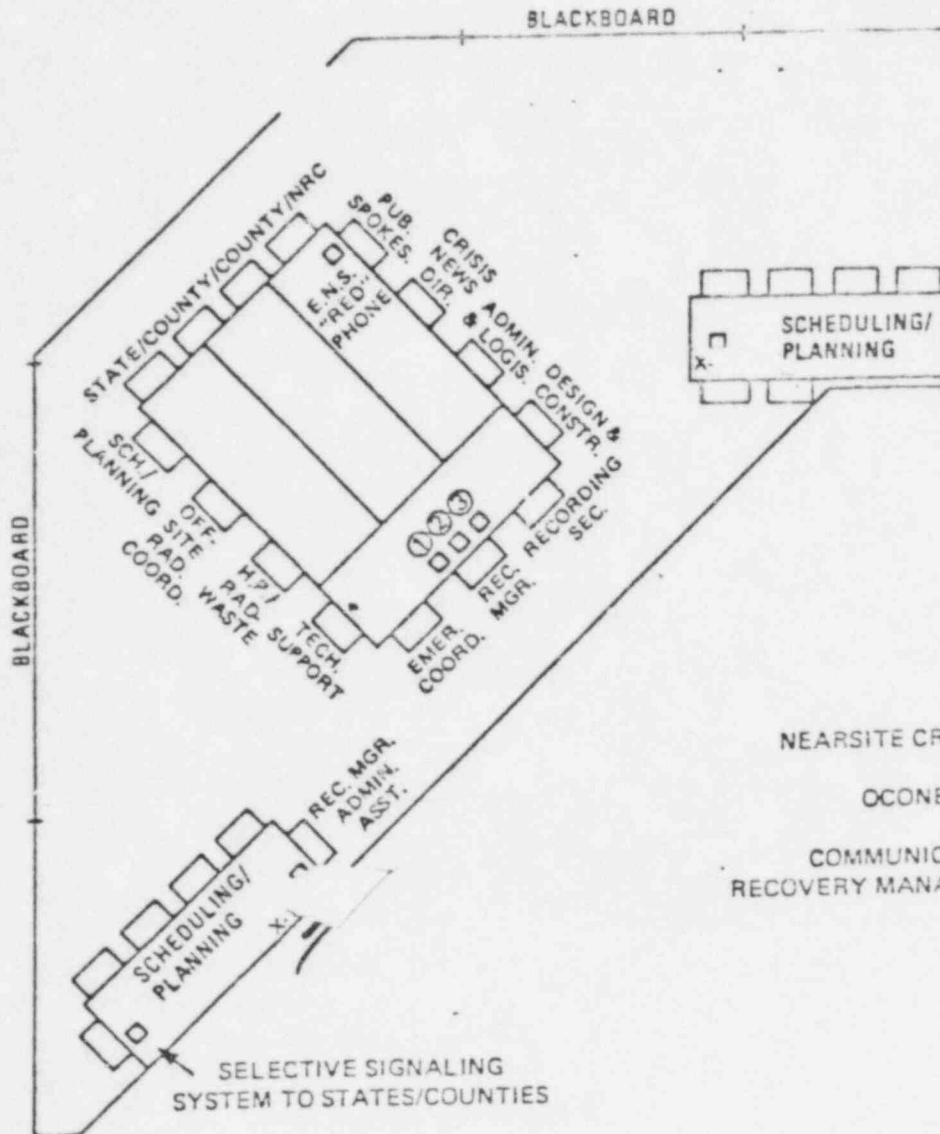


FIGURE H-6

NEARSITE CRISIS MANAGEMENT CENTER

OCONEE TRAINING CENTER

COMMUNICATIONS & ROOM LAYOUT
RECOVERY MANAGER/SCHEDULING & PLANNING

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DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

APPENDIX B-6
PAGE 6

McGUIRE/CATAWBA CMC
GENERAL LOCATION



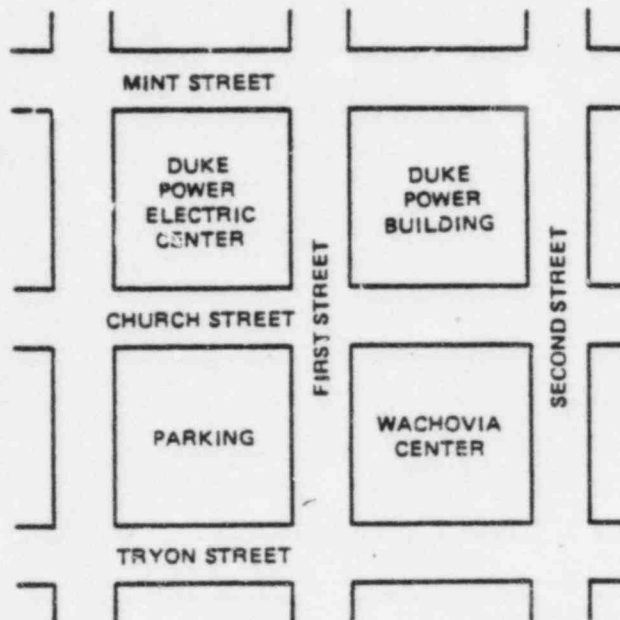
REVISION C
JUNE 15, 1983

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

APPENDIX B-6
PAGE 7

McGUIRE/CATAWBA CMC

GENERAL OFFICE BUILDING LAYOUT - CHARLOTTE, N. C.



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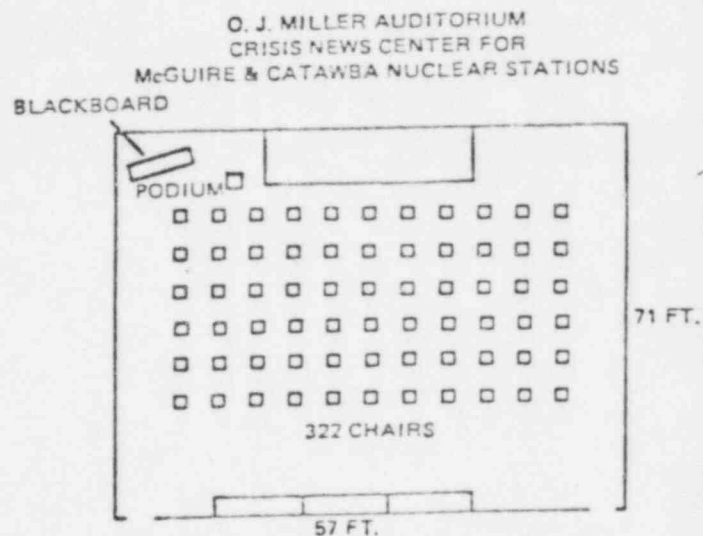
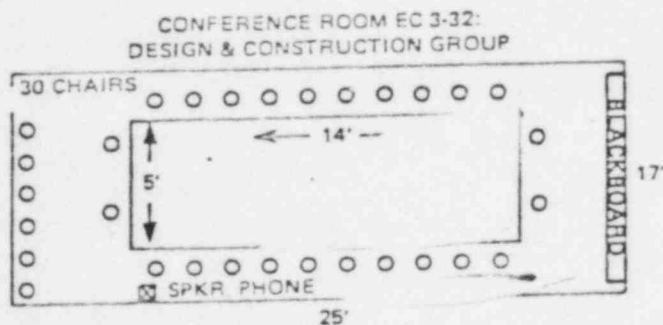
DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

APPENDIX B-6

PAGE 8

McGUIRE/CATAWBA CMC

ELECTRIC CENTER ROOMS
DESIGNATED FOR EMERGENCY USE



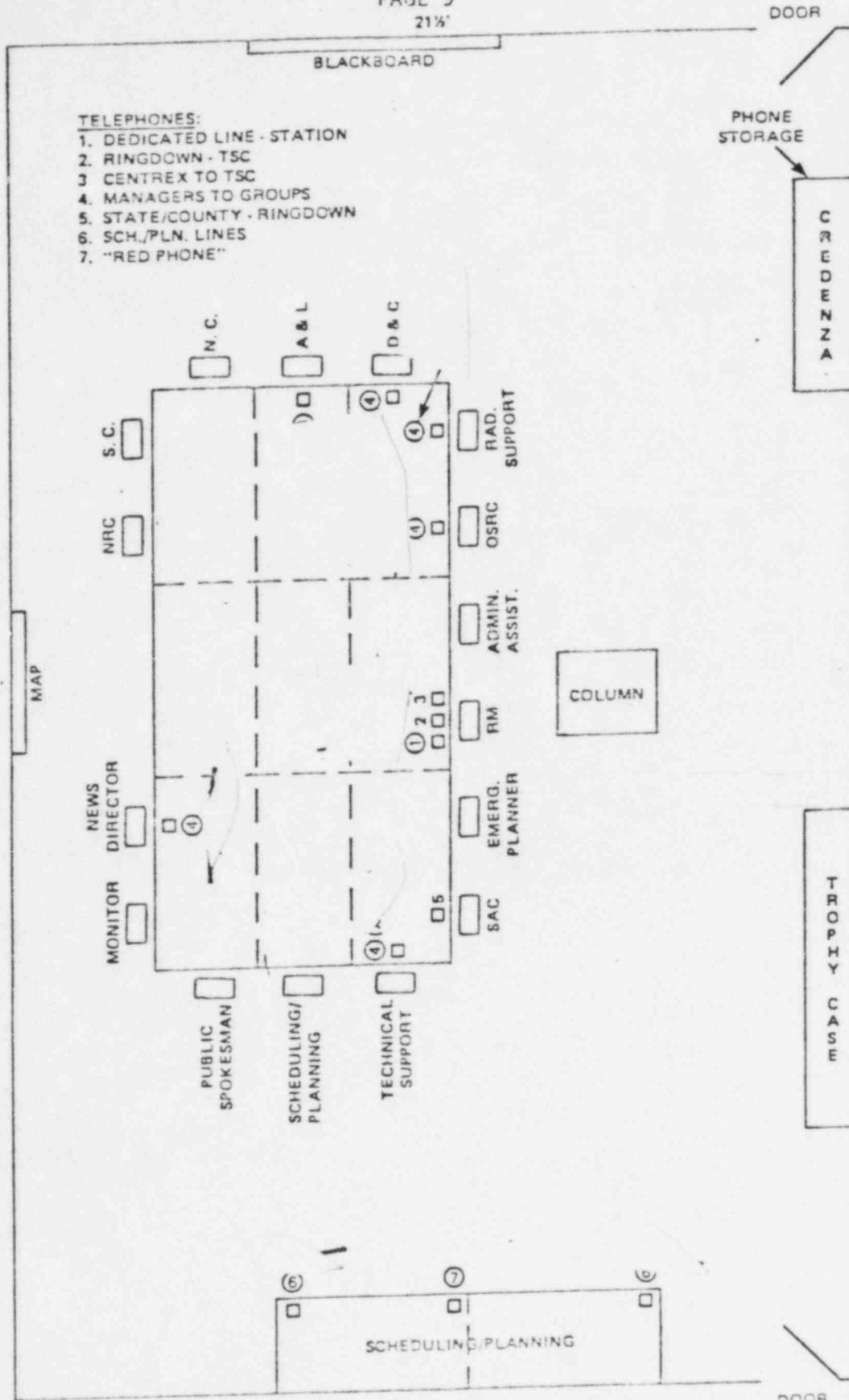
DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

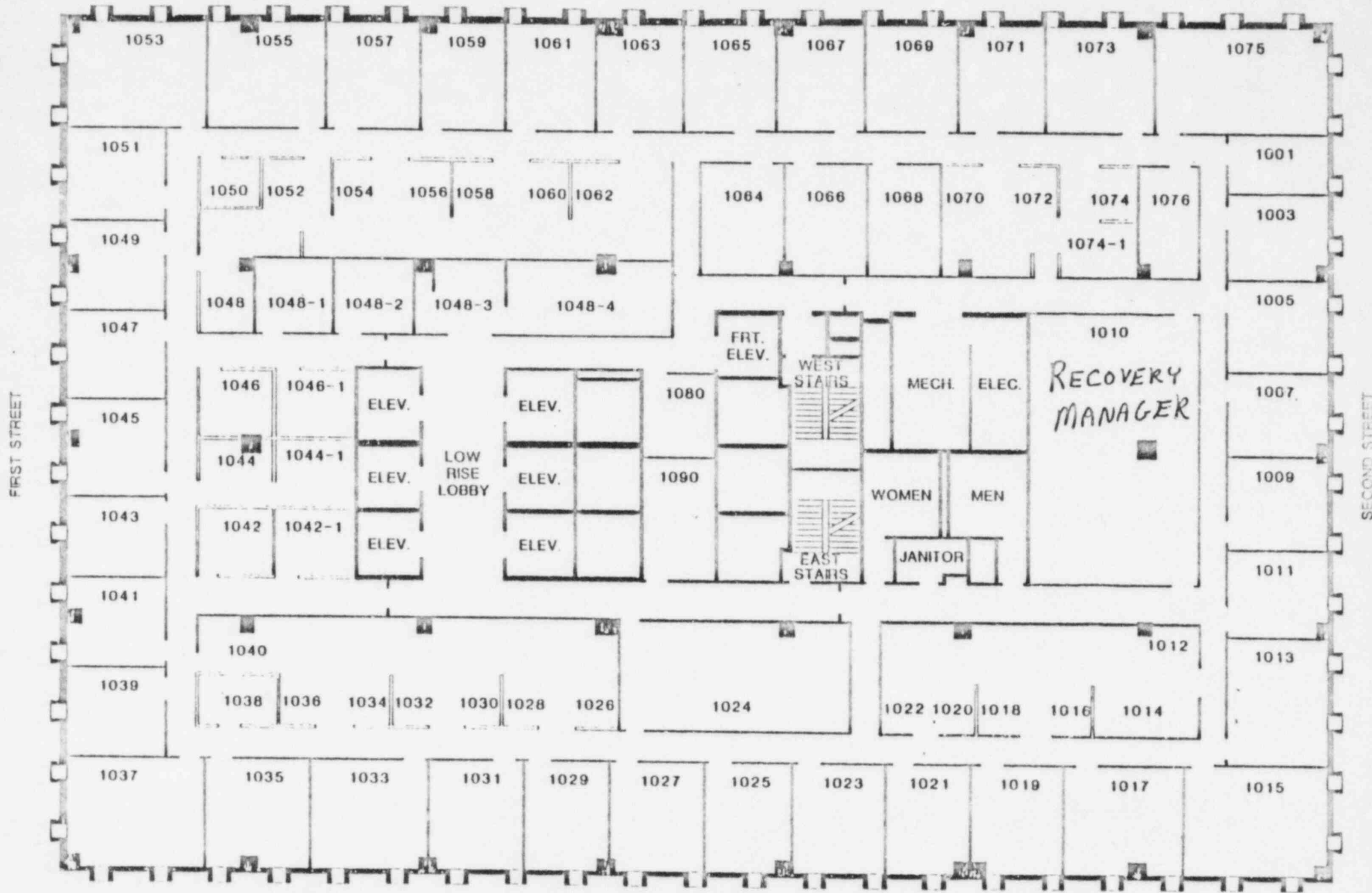
RECOVERY MANAGER/SCHEDULING & PLANNING OFFICE
WACHOVIA CENTER - ROOM 1010

APPENDIX B-6

PAGE 9

21 1/2'

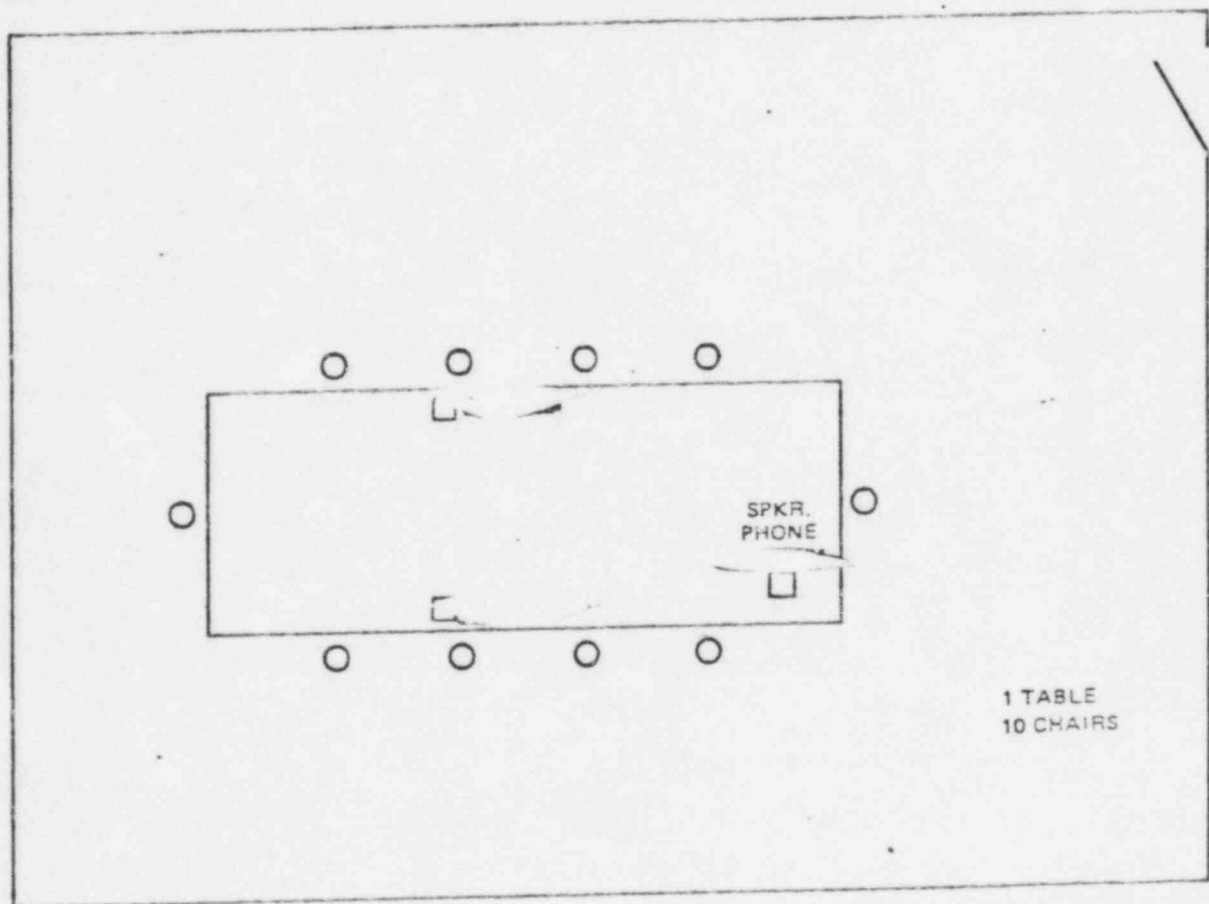




DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

APPENDIX B-6
PAGE 11

ADMINISTRATION & LOGISTICS OFFICE, ROOM 0925



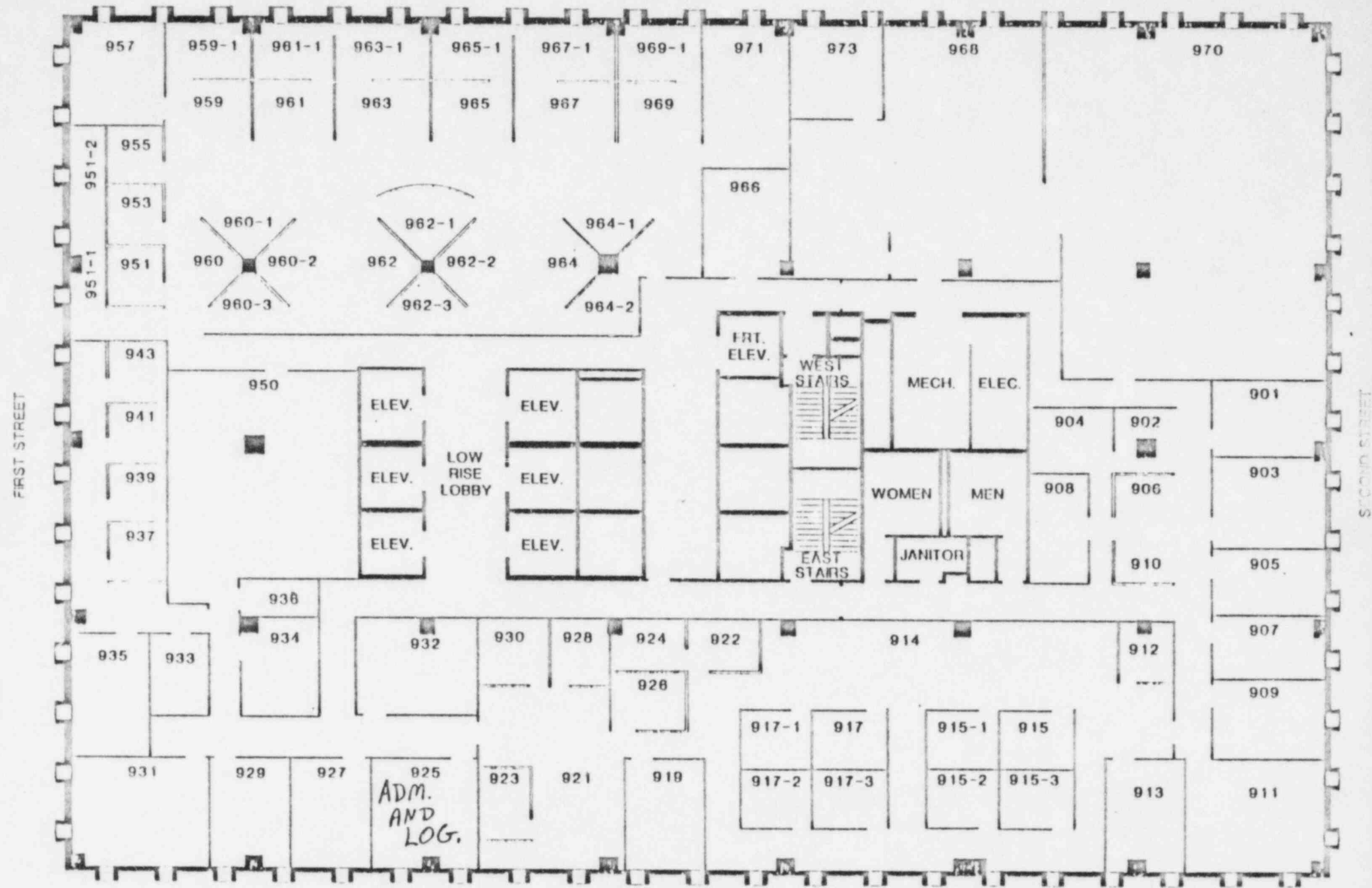
1 TABLE
10 CHAIRS

15 FT.

11 FT.

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CHURCH, C.E.T



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

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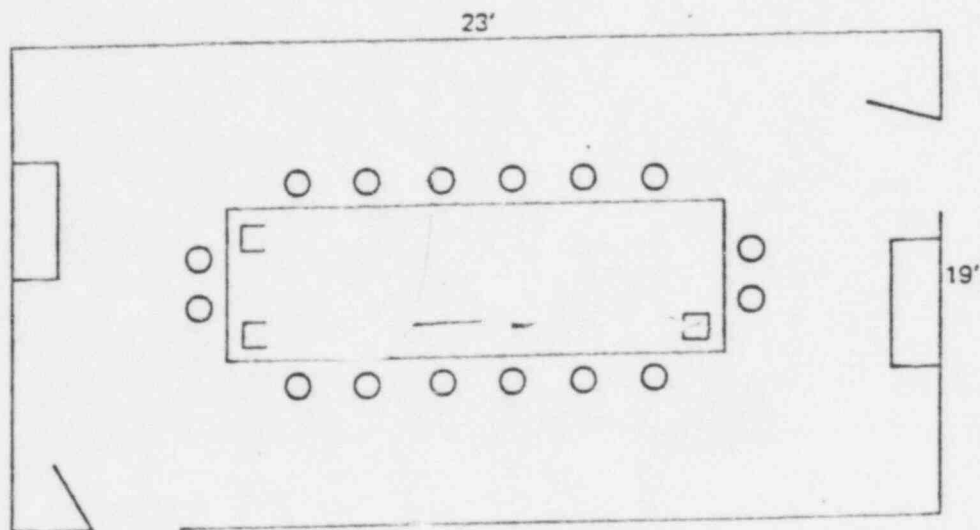
McGUIRE/CATAWBA CMC

CRISIS NEWS GROUP
5TH FLOOR POWER BLDG.
ROOMS: 1
PHONES

SOUTH CAROLINA PIO'S
5TH FLOOR POWER BLDG.
ROOMS: PB 5020, 5022
PHONES: 7

NORTH CAROLINA PIO'S
5TH FLOOR POWER BLDG. ROOM
ROOMS: PB 5018
PHONES: 7

OFFSITE RADIOLOGICAL COORDINATOR
ROOM 1222 WACHOVIA CENTER



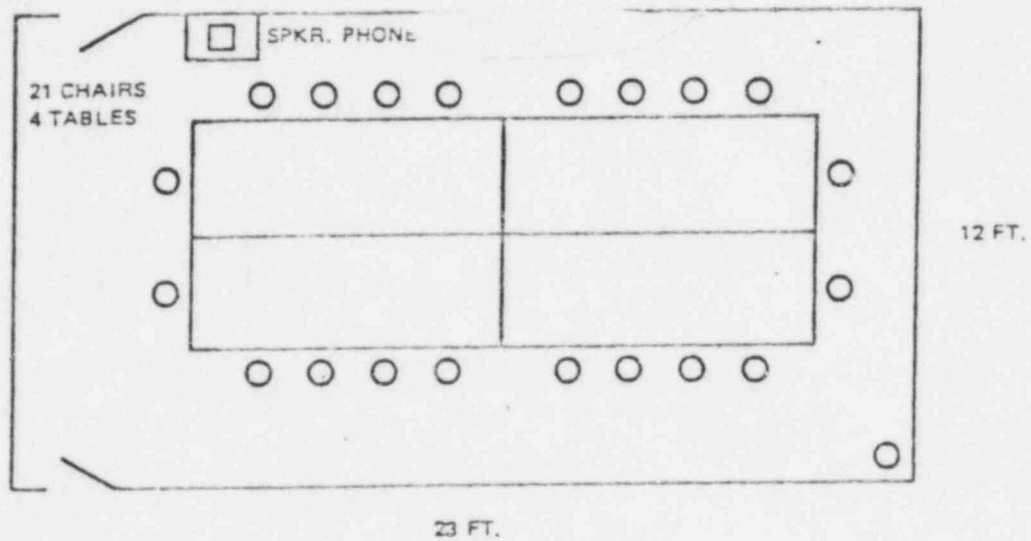
REVISION 6
JUNE 15, 1983

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

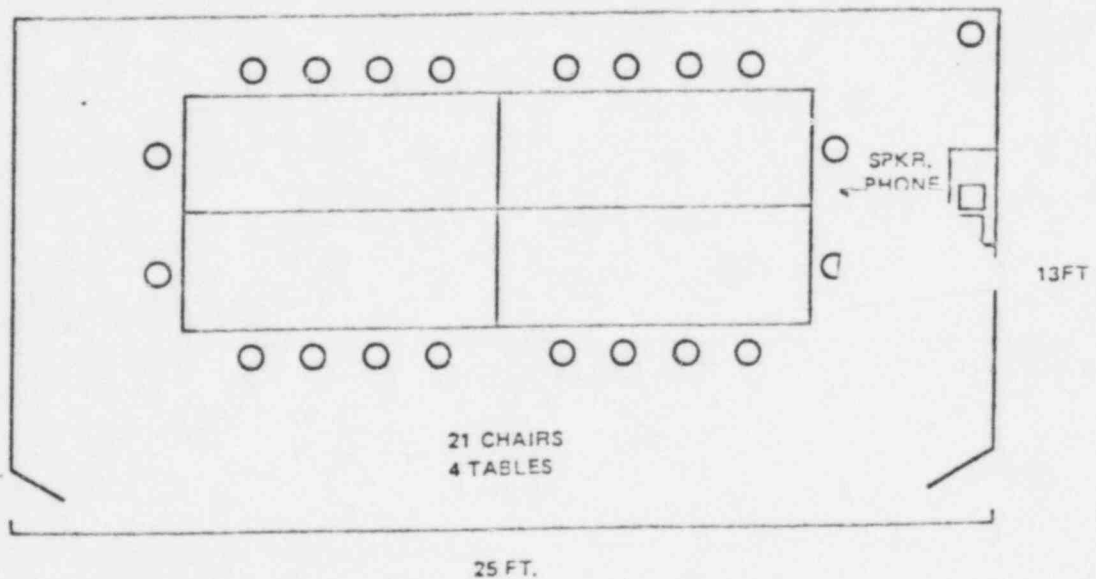
APPENDIX B-6
PAGE 14

McGUIRE/CATAWBA CMC

TECHNICAL SUPPORT OFFICE
WACHOVIA CENTER, ROOM 1704



ROOM 2390 - RADIOLOGICAL SUPPORT - GENERAL OFFICE RESPONSE LOCATION
WACHOVIA CENTER

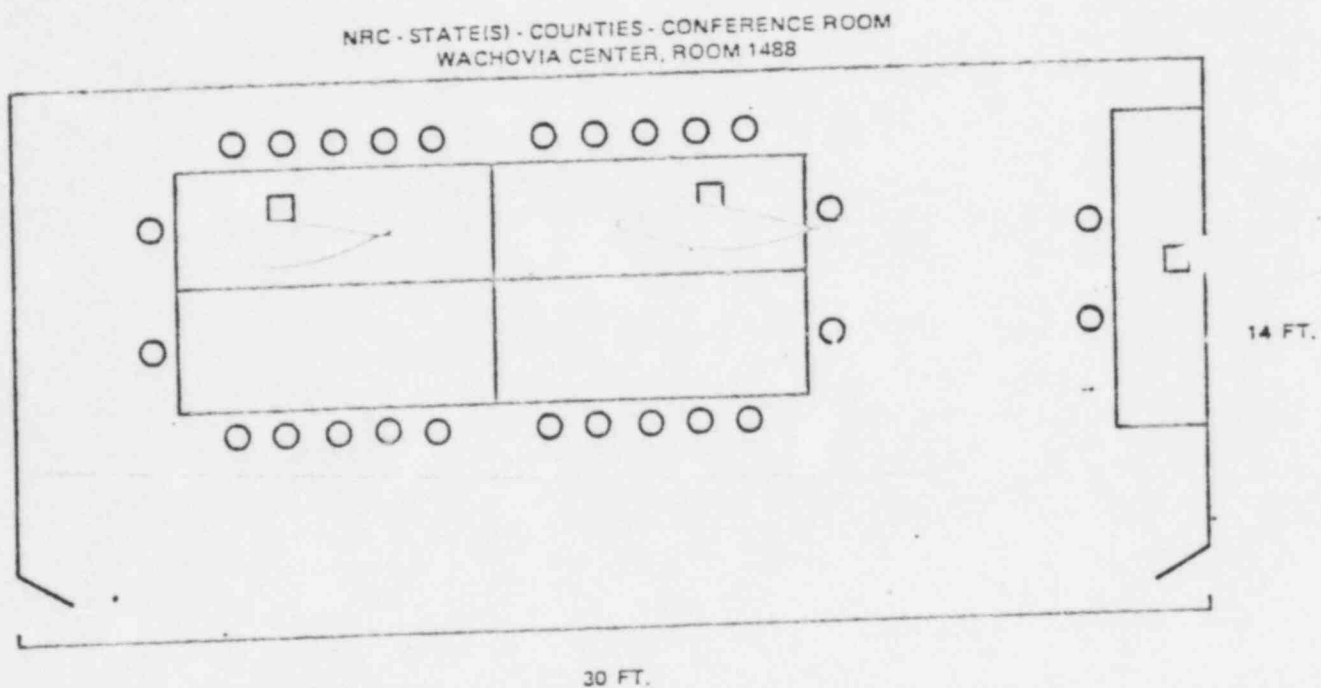


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DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

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McGUIRE/CATAWBA CMC



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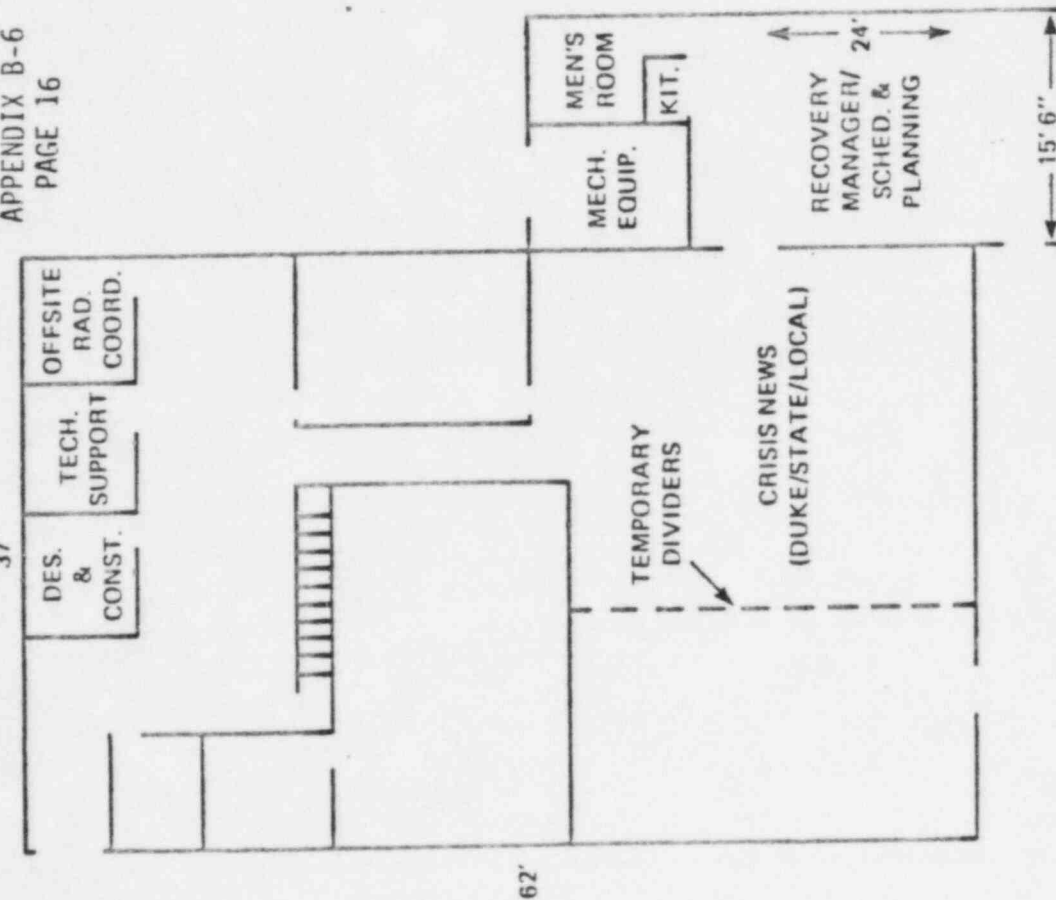
LIBERTY HETAIL OFFICE
LAYOUT

DUKE POWER COMPANY CRISIS MANAGEMENT PLAN
OCONEE NUCLEAR STATION BACKUP CMC

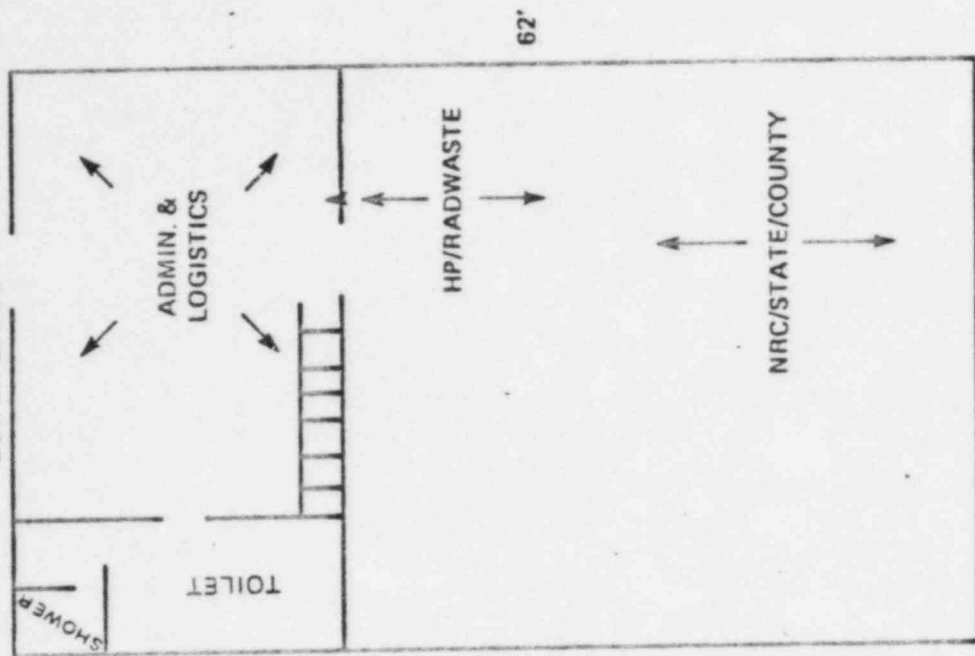
UPPER LEVEL

UPPER LEVEL
37'

APPENDIX B-6
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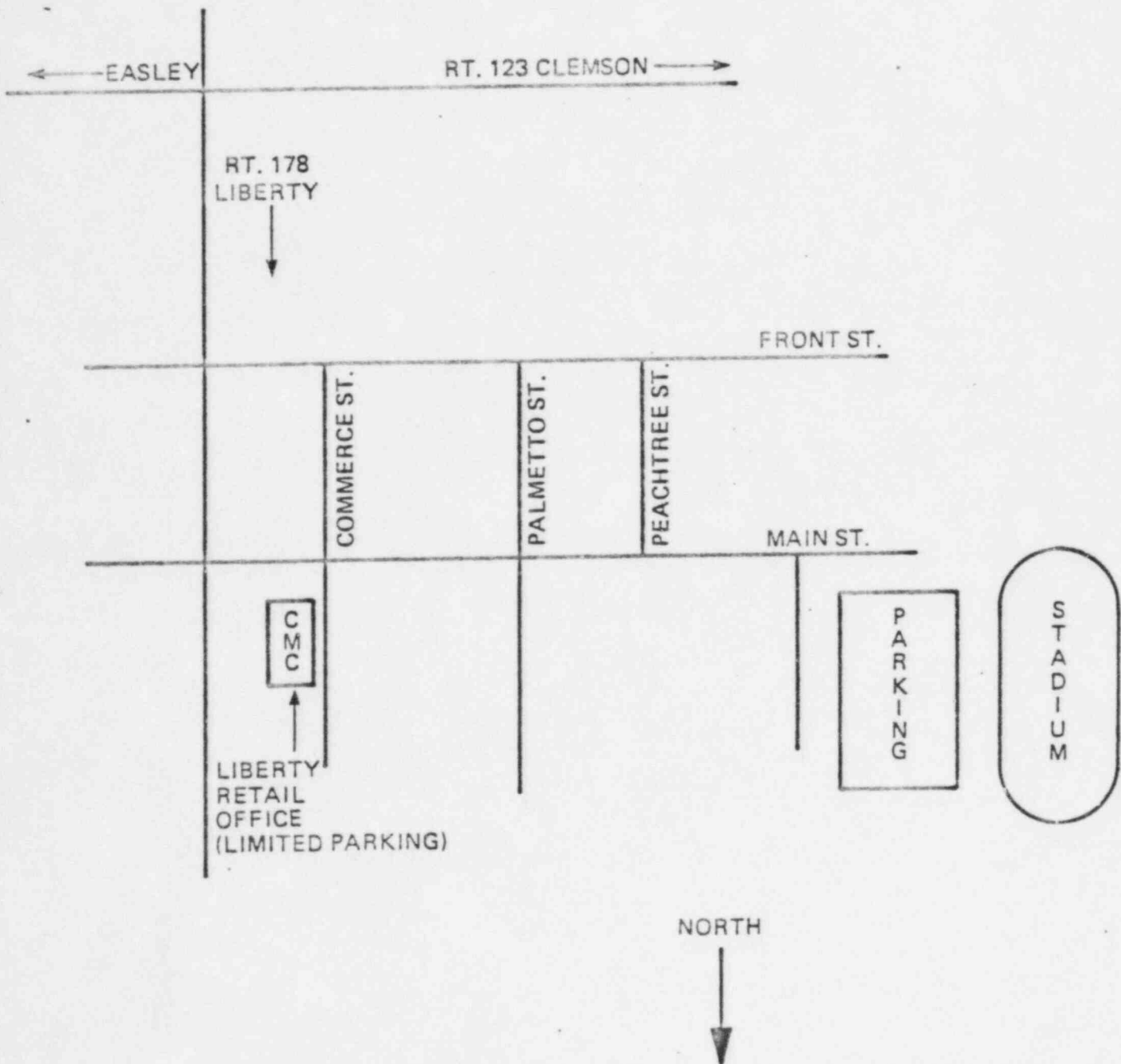
LOWER LEVEL



DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN

OCCONEE NUCLEAR STATION BACKUP CMC LOCATION

APPENDIX B-6
PAGE 17



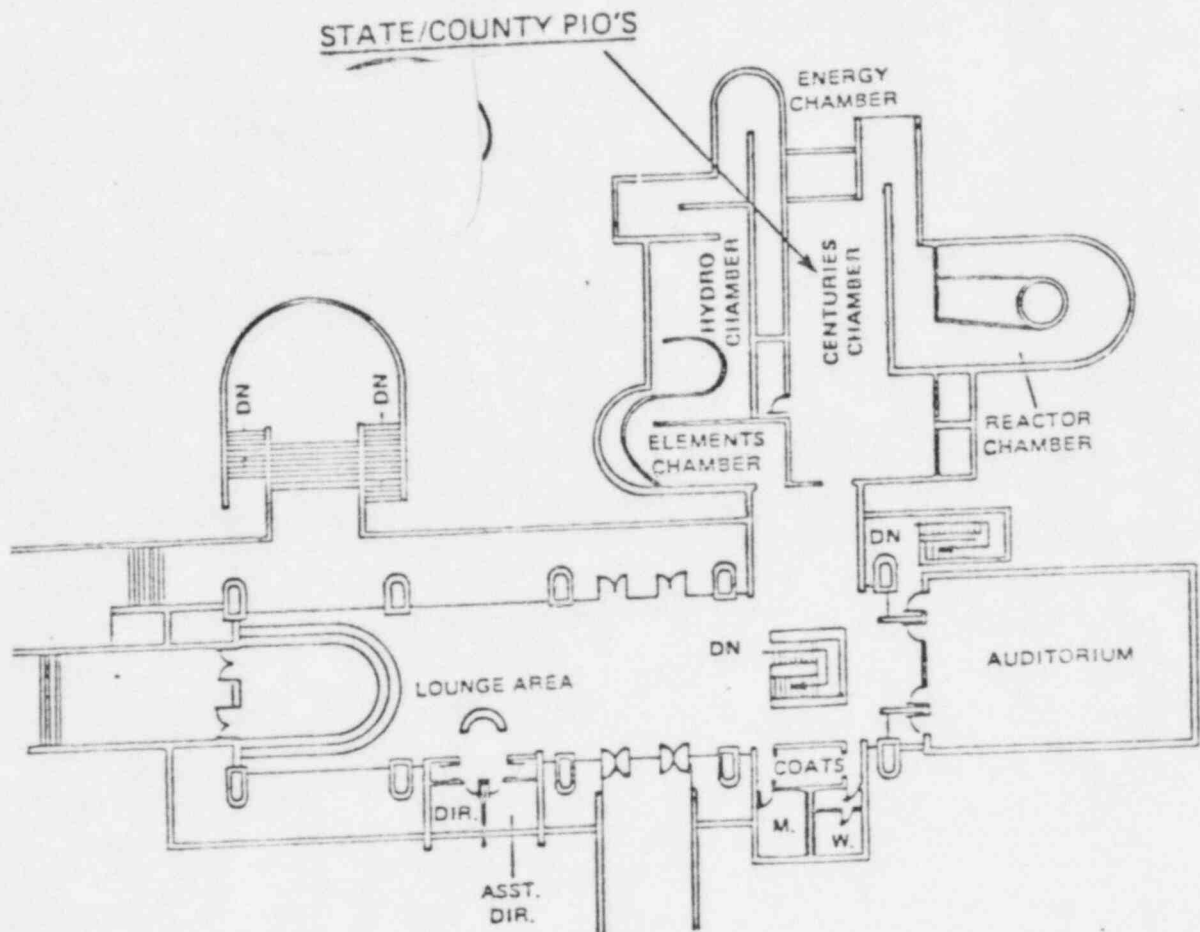
DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

APPENDIX B-6
PAGE 18

NEARSITE CRISIS NEWS CENTER
KEOWEE-TOXAWAY VISITOR'S CENTER (UPPER LEVEL)
MEDIA AREA-NEWS CONFERENCES, PHONES

o - 10 SENECA LINES CABLED BUT NOT ACTIVE

• - 5 SENECA LINES IN SERVICE



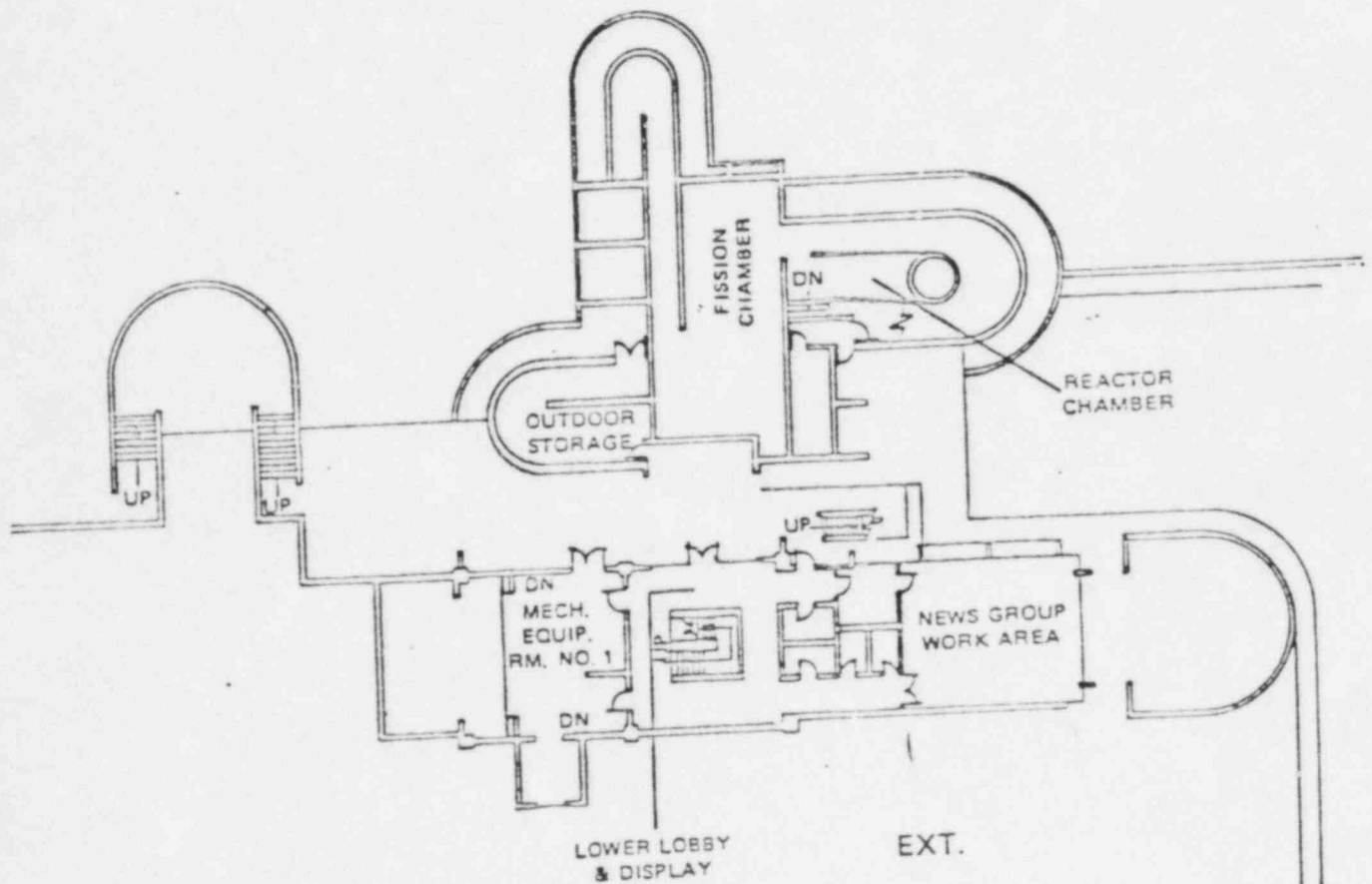
UPPER LEVEL FLOOR PLAN

REVISION 6
JUNE 15, 1983

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

APPENDIX B-6
PAGE 19

NEARSITE CRISIS NEWS CENTER
KEOWEE-TOXAWAY VISITOR'S CENTER (LOWER LEVEL)
CRISIS NEWS GROUP WORK AREA



APPENDIX B-7
PAGE 1

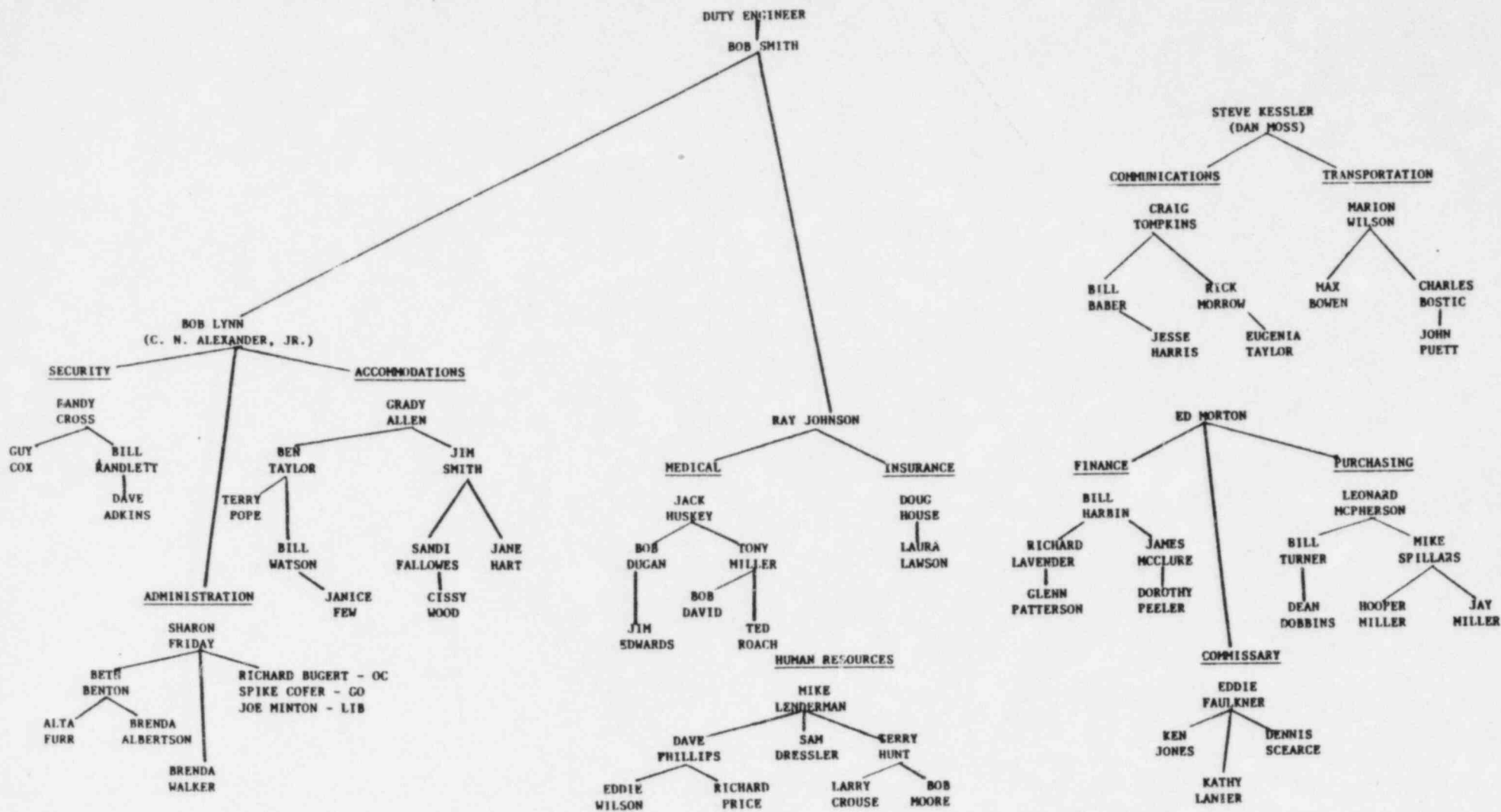
<u>NAME</u>	<u>HOME NUMBER</u>	<u>ALTERNATE NO.</u>	<u>WORK NUMBER</u>	<u>EXT.</u>	<u>ALT. EXT.</u>
D. ADKINS (NP)					
B. ALBERTSON (CT)					
N. ALEXANDER (QA)					
G. ALLEN (CT)					
B. BABER (CT)					
B. BENTON (CT)					
C. BOSTIC (CT)					
M. BOWEN (O-SSD)					
R. BUGERT (OTC)					
D. COFER (GO)					
G. COX (NP)					
R. CROSS (NP)					
L. CROUSE (O-SSD)					
L. CROUSE (O-SSD)					
B. DAVID (CT)					
J. DAVIS (NP)					
D. DOBBINS (CK)					
S. DRESSLER (CT)					
B. DUGAN (CS)					
J. EDWARDS (MC)					
S. FALLOWES (CS)					
E. FAULKNER (CT)					
J. FEW (O-SSD)					
S. FRIDAY (PUR)					
A. FURR (PUR)					
D. GRAY (MTC)					
B. HARBIN (CT)					
J. HARRIS (CT)					
J. HART (SMS)					
D. HOUSE (C INS)					
T. HUNT (CT)					
J. HUSKEY (CS)					
R. JOHNSON (CT)					
K. JONES (CT)					
S. KESSLER (PUR)					
K. LANIER (CS)					
R. LAVENDER (CT)					
L. LAWSON (C INS)					
M. LENDERMAN (CT)					
B. LYNN (CS)					
J. MCCLURE (CT)					
L. MCPHERSON (PUR)					
H. MILLER (CN)					
J. MILLER (PUR)					
T. MILLER (MT-SSD)					
J. MINTON (LIB)					
B. MOORE (MC)					
R. MORROW (MC)					

APPENDIX B-7
PAGE 2

NAME	HOME NUMBER	ALTERNATE NO.	WORK NUMBER	EXT.	ALT.	EXT.
E. MORTON (PUR)						
D. MOSS (TELE)						
G. PATTERSON (CK)						
D. PEELER (M-SSD)						
D. PHILLIPS (NP)						
T. POPE (NP)						
R. PRICE (PUR)						
J. PUETT (PUR)						
B. RANDLETT						
J. ROACH (CT-NP)						
T. ROACH (O)						
D. SCEARCE (CMS)						
K. SHANNON (NP)						
J. SMITH (PUR)						
R. SMITH (PUR)						
M. SPILLARS (PUR)						
B. TAYLOR (M-SSD)						
E. TAYLOR (PS)						
C. TOMPKINS (O-SSD)						
B. TURNER (O-SSD)						
B. WALKER (GS)						
B. WATSON (CT)						
G. WILSON (ALLEN)						
M. WILSON (CT)						
C. WOOD (PUR)						

CRISIS MAN. T TEAM
ADMINISTRATIVE LOGISTICS

TELEPHONE CALL-UP LIST



C.0 ACCOMMODATIONS DIRECTOR

C.1 PURPOSE OF GROUP

This position provides coordination and support as required during a Crisis situation and initial support during the recovery effort.

C.2 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.2.a PRIMARY (DIRECTOR)

Grady Allen

C.2.b ALTERNATES

Ben Taylor
Bill Watson
Sandi Fallowes
Jane Hart
Jim Smith
Terry Pope
Cissy Wood
Janice Few

C.3 ADDITIONAL PERSONNEL REQUIRED

Additional personnel will be required in the clerical/secretarial area. Initially, members from the Administrative Group will assist in the performance of these functions.

C.4 MAJOR FUNCTION - CRISIS SITUATION

C.4.a Upon notification of a crisis, the first person contacted (available) from the Accommodations Section shall assure that one or two group members are notified to staff the appropriate near-site facility and then report to the off-site CMC. Person(s) reporting to the particular site will provide registration, ID's, motel reservations, travel arrangements as needed, and support Security. An assessment of supplies shall be made and a State of readiness (for Recovery effort) shall be maintained.

C.4.b The individual reporting to the off-site CMC will secure lodging, make travel arrangements upon request, and maintain contact with appropriate A&L manager in order to provide coordination for the

near-site Accommodations Group. Upon notification of going into the Recovery effort, notify group members at the site, and contact necessary personnel to provide adequate support at the near-site CMC.

C.5 EQUIPMENT REQUIRED DURING CRISIS
McGUIRE, CATAWBA, OR OCONEE NUCLEAR STATION (SITE)

1-ID Cameras
1-Typewriters

C.6 MAJOR FUNCTIONS - RECOVERY EFFORT

C.2.a Registers incoming personnel.

C.2.b Provides general employee training.

C.2.c Provides hotel/motel accommodations

C.2.d Assists with airline arrangements

C.7 EQUIPMENT REQUIRED DURING RECOVERY
McGUIRE, CATAWBA, OR OCONEE NUCLEAR STATION (SITE)

1-ID Camera
2-Typewriter

C.8 INTERFACING WITH PLANT SECURITY

Plant Security is responsible for people entering the project area in accordance with crisis team identification cards made by Accommodations. Plant Security will allow only people with these cards to enter. Reference Sections C.8.a and K.7.

C.9 CENTRAL PROCESSING CENTER

Accommodations will begin registering people in the Central Processing Center and performing general employee training when the perimeter security points are established upon site evacuation.

C.9.a REGISTRATION

C.9.a.1 All persons (with the exception of NRC, PIO or Duke Power personnel with red dot identification cards) not stationed at the site will be required to register. The Accommodations Group will screen these people to determine whether they are Duke or Non-Duke employees; whether they are on the permanent crisis team or responding to a summons; who requested them; where/to whom they are to report; and whether there are any prior arrangements to authorize entry. All

groups requesting additional personnel not on the permanent crisis team will submit to the Accommodations Group a listing of the personnel, and a statement authorizing their entry prior to arrival. Personnel not on an approved list will be delayed during processing.

Temporary personnel passing screening will be distributed a Registration Form. These forms will be completed, checked for accuracy, and identification cards issued if necessary.

C.9.a.2 Permanent site personnel requiring access for normal scheduled work will be coordinated by the Plant Manager and Security.

C.9.a.3 The Crisis News Director and staff will register and provide identification for the news media.

C.9.b TRAINING

During registration, each person will be given information concerning processing steps, parking information, meal schedule, etc. See Appendix C-1.a and C-1.b for examples of training packages to be used.

C.9.c REQUEST FOR DUKE POWER CRISIS MANAGEMENT TEAM IDENTIFICATION CARDS

Directors requesting additional permanent team member(s) will complete Appendix C-2. This form can be obtained from the Crisis Management Manager(s).

C.9.d IDENTIFICATION CARDS

Appendix C-3 contains examples of the cards which allow access to the area surrounding the plant during a crisis situation. Each employee on the Crisis Management Team has the appropriate permanent Duke Power identification card illustrated.

For employees not on the Crisis Team and personnel outside Duke Power (with the exception of NRC or PIO personnel), identification cards will be made in the Central Processing Center. Each person must wear their identification cards at all times while on site. Plant Security will be responsible for admitting personnel into the restricted area and for determining the identification required to obtain access there.

Employees who have the Crisis Management Team identification cards will be required to return the cards and have regular identification cards made upon removal from active Crisis Management Team membership. Each manager from each group or designee will be responsible for insuring this procedure is followed.

C.9.e. SLED PASS/BADGE CARDS

Accommodations Group will maintain log of South Carolina Law Enforcement Division Passes/Badges provided to the Crisis Management Team in accordance with Section K.10.b.

C.9.f FORMS

Appendix C-4 Individual Register- To be used for general information, work location, and telephone number;

Appendix C-5 Motel Space Availability- To be used for recording availability of rooms in the area when motels are contacted.

Appendix C-6 Motel Room Assignment- To be used in assigning individuals to motels upon request. The policy will be to assign one (1) person per bed per room.

Appendix C-7 Motel Verification- To be issued to persons requesting motel accommodations for presentation to the motel upon check-in. Authorization will be by a member of the Accommodations Group.

Appendix C-8 Air Travel Request- To be used for requesting the Accommodations Group to provide airline arrangements.

Appendix C-9 Air Travel Request Log- To be used in listing all airline arrangements made by the Accommodations Group.

C.10 LODGING

Upon implementation of the Recovery Effort, the Accommodations Group will assess the lodging requirements. On the basis of this assessment, hotels/motels will be contacted as required for reservations. It is the responsibility of this group to make the decision concerning room assignments. Appendices C-10 (Oconee) and C-11 (McGuire/Catawba) list hotels/motels availability. Appendix C-12 lists armories in the vicinity.

C.11 AIRLINE RESERVATIONS

Appendix C-13 lists phone numbers of various airlines in the area. The Accommodations Group will provide assistance as requested in obtaining airline reservations.

C.12 AUDIT PROCEDURES

The entire Accommodations Section will be periodically verified for accuracy in accordance with Section A.8 of this manual.

T R A I N I N G P A C K A G E

OCONEE NUCLEAR STATION

Registration Information

1. Complete the Individual Register Form
2. Have identification card made, if needed.
3. Give Individual Register Form to Accommodations Group.
4. Obtain Hotel/Motel accommodations, if required, from the Accommodations Group. A Motel Verification Form will be provided with the motel name and room number to which you are assigned. This form will be signed by a member of the Accommodations Group and must be presented to the motel at check-in.
5. Report to Security at Checkpoint 1.

This package contains information which will be helpful to you during this assignment. Enclosed are maps, layouts of the site, location of supplies, names of contacts in the Administration and Logistics area who will be responsible for providing various services, parking instructions, and transportation instructions.

Members of the Accommodations Group and their staff will assist you in obtaining lodging, registration, general training, and airline reservations. Permanent members of this group are listed below:

Grady Allen
Jim Smith
Ben Taylor
Bill Watson
Sandi Fallows
Jane Hart
Terry Pope
Cissy Wood
Janice Few

GENERAL INFORMATION

Parking

Parking lots are available for use both at the Training Center (Crisis Management Center) and the Visitor's Center (Crisis Management News Center). Parking at the site is limited, and personnel should leave their cars at the Training Center or Visitor's Center parking lots and walk to the station.

Hard Hats and Safety Glasses

These items are distributed by Security personnel at the Station Personnel Access Portal (PAP).

Radiation Monitors

These will be distributed by Health/Physics Group.

Cameras and Photography Service

Cameras are available for checkout from the Administration and Logistics Group. Photography Service will also be obtained through this group.

Lost and Found

Contact the Administration and Logistics Group.

Mail

Mail should be taken to the Administration and Logistics Office at the Training Center for distribution.

Telephone Directories

Telephone directories which include instructions on telephone usage are available in Administration and Logistics Group.

Telecopier and Copier Locations

These are located at the Training Center.

Office Supplies and Equipment

These items will be distributed by the Administration and Logistics Group.

Clerical/Secretarial Needs

These functions are handled by the Administration and Logistics Group on a pool basis.

Newsletter

Any information to be included in the newsletter should be given to the Administration and Logistics Group.

Meal Schedule

The meal schedule is posted in the Mess Tent. Coffee and drinks are available at all times.

Access to Ocone

Access to the Ocone Nuclear Station will be coordinated with the Crisis Management Security Coordinator; however, authority to grant access lies with station management. Those granted access will enter the station through Checkpoint 3.

Medical Assistance

Medical aid is available in the Training Center. See attached map for location.

ADMINISTRATION AND LOGISTICS CONTACTS

A. General Information - Contact managers listed below:

- | | | |
|------------------|-------------------------|---------------|
| 1. R. F. Smith | 4. E. D. Morton | 7. D. S. Moss |
| 2. R. H. Lynn | 5. R. N. Johnson | |
| 3. S. M. Kessler | 6. C. N. Alexander, Jr. | |

B. Administration - Provides office supplies and equipment and secretarial support:

- | | | |
|-----------------|--------------------|---------------|
| 1. S. H. Friday | 3. B. C. Walker | 5. A. H. Furr |
| 2. J. E. Benton | 4. B. J. Albertson | |

C. Accommodations - Performs functions concerning registration, employee training, airline and motel/hotel arrangements:

- | | | |
|-------------------|-----------------|---------------|
| 1. G. L. Allen | 4. B. E. Taylor | 7. Terry Pope |
| 2. J. E. Smith | 5. W. J. Watson | 8. Cissy Wood |
| 3. S. P. Fallowes | 5. J. S. Hart | 9. Janice Few |

D. Communications - Provides telephone requirements, special radio requirements:

- | | | |
|-------------------|-----------------|-------------------|
| 1. Craig Tompkins | 3. Rick Morrow | 5. Eugenia Taylor |
| 2. B. B. Baber | 4. Jesse Harris | |

E. Purchasing - Provides functions as the recovery organization purchasing agent with responsibility for contract negotiation/administration and material control:

- | | | |
|----------------------|------------------|-----------------|
| 1. Leonard McPherson | 3. Bill Turner | 5. Dean Dobbins |
| 2. Hooper Miller | 4. Mike Spillars | 6. Jay Miller |

F. Finance - Responsibility of administering the petty cash fund and expense accounts and providing the handling of payroll matters:

- | | | |
|-------------------|--------------------|---------------------|
| 1. W. E. Harbin | 3. James McClure | 5. Richard Lavender |
| 2. Dorothy Peeler | 4. G. R. Patterson | |

G. Commissary - Provides food, tents, toilets and trash cans for the entire recovery organization:

- | | |
|-------------------|-----------------|
| 1. D. E. Faulkner | 3. K. B. Jones |
| 2. Dennis Scarce | 4. Kathy Lanier |

APPENDIX C-1.a
PAGE 5 OF 8

H. Human Resources - Provides additional manpower requirements.

- | | | |
|-------------------|-------------------|-----------------|
| 1. Mike Lenderman | 4. R. A. Price | 7. Larry Crouse |
| 2. R. G. Moore | 5. G. E. Wilson | 8. Terry Hunt |
| 3. D. W. Phillips | 6. S. W. Dressler | |

I. Transportation - Covers many areas of the recovery operation from the initial establishment of a base operation, ground preparation, trailer delivery and setup to continued personnel and material movement throughout the recovery period.

- | | |
|------------------|-------------------|
| 1. Marion Wilson | 3. Charles Bostic |
| 2. M. F. Bowen | 4. John Puett |

J. Medical Support - Furnishes medical assistance.

- | | | |
|----------------|-----------------|--------------|
| 1. Jack Huskey | 3. J. Edwards | 5. Bob David |
| 2. R. S. Dugan | 4. T. R. Miller | 6. Ted Roach |

K. Security - Responsible for providing and implementing the overall security plan and procedures to be followed in the event of a crisis:

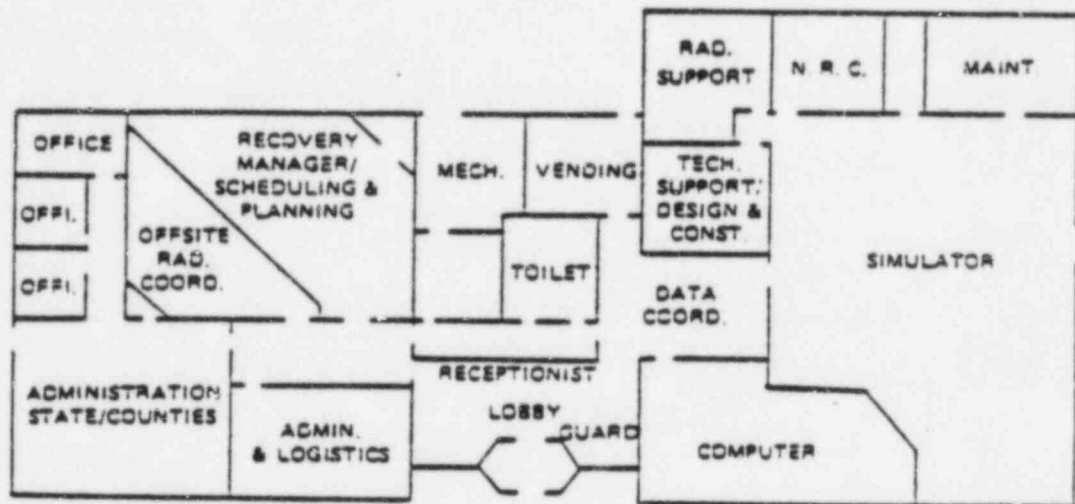
- | | |
|------------------|----------------|
| 1. Randy Cross | 4. Guy Cox |
| 2. Keith Shannon | 5. Dave Adkins |
| 3. Bill Randlett | |

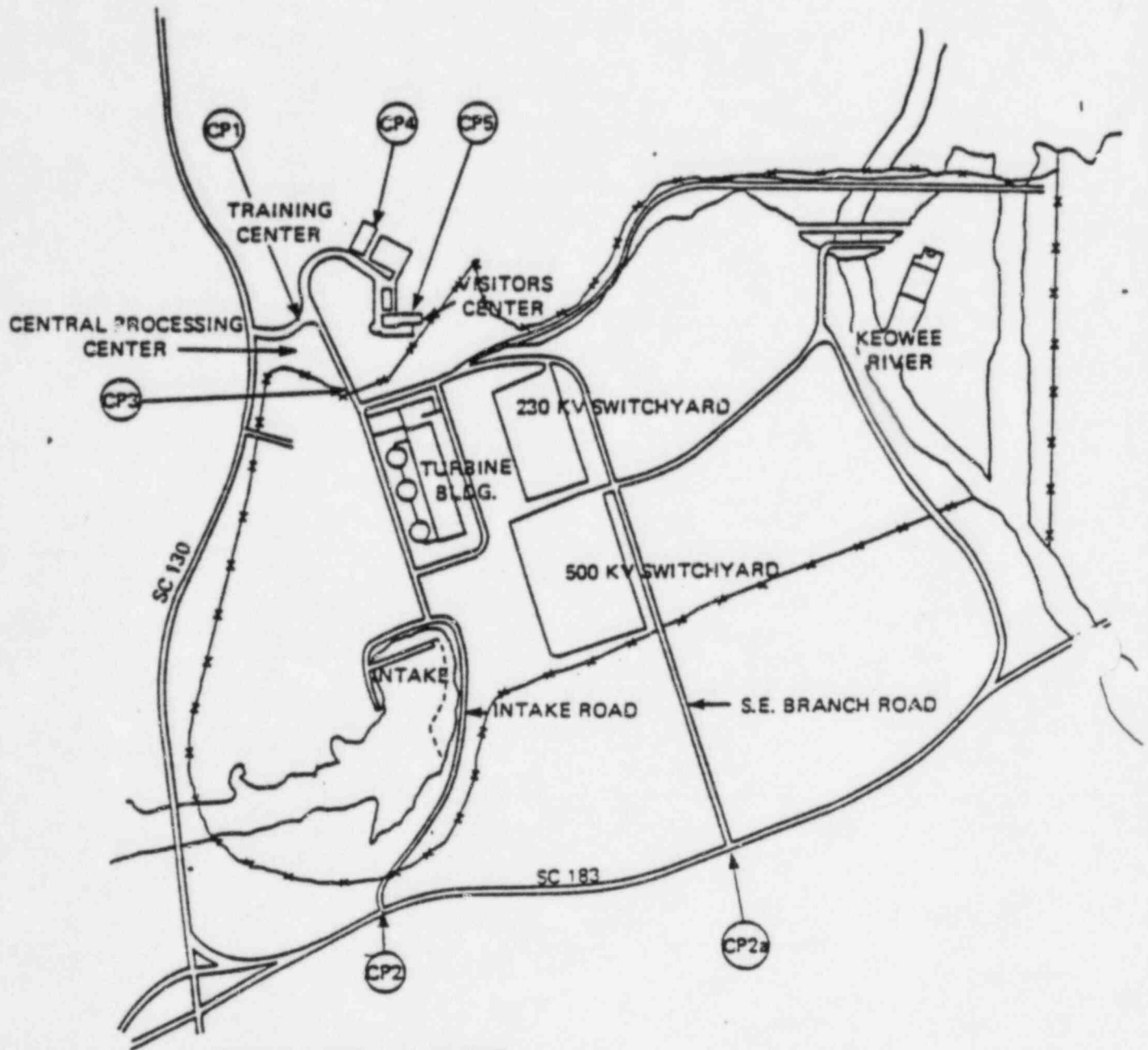
L. Insurance - Will be the liaison between Duke and the insurance companies. This group will interface with other crisis management groups in providing assistance needed by the insurance companies:

- | | |
|---------------|-----------------|
| 1. Doug House | 2. Laura Lawson |
|---------------|-----------------|

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

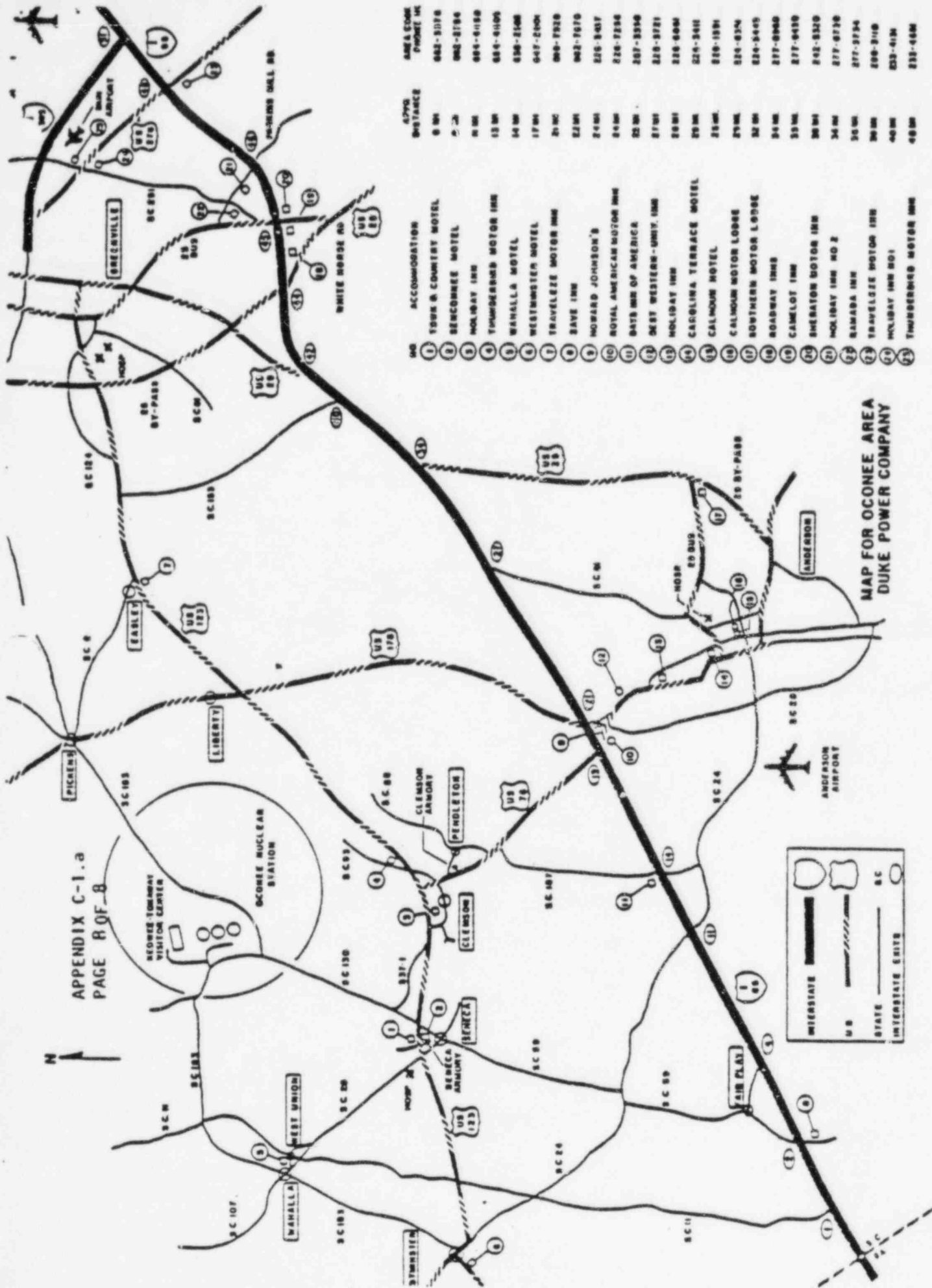
NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER





- CP1 - MAIN ENTRANCE
- CP2 - PLANT EMPLOYEES AND CONSTRUCTION ONLY
- CP2a - ALTERNATE FOR CP2
- CP3 - FINAL ENTRANCE TO STATION AREA
- CP4 - ACCESS TO CMC
- CP5 - ACCESS TO NEWS CENTER

OCONEE NUCLEAR STATION
CRISIS MANAGEMENT TEAM
SECURITY PLAN



NO	ACCOMMODATION	APPROXIMATE DISTANCE	AREA CODE
1	TOWN & COUNTRY MOTEL	0 NM	002-31176
2	SENECA MOTEL	2 NM	002-31176
3	HOLIDAY INN	11 NM	002-31176
4	THUNDERBOLT MOTEL INN	13 NM	002-31176
5	WALLA MOTEL	14 NM	002-31176
6	WESTMINSTER MOTEL	17 NM	002-31176
7	TRAVELER MOTEL INN	21 NM	002-31176
8	SAVE INN	22 NM	002-31176
9	HOWARD JOHNSON'S	24 NM	002-31176
10	ROYAL AMERICAN MOTEL INN	24 NM	002-31176
11	BAYS INN OF AMERICA	25 NM	002-31176
12	BEST WESTERN-UNITED INN	27 NM	002-31176
13	HOLIDAY INN	28 NM	002-31176
14	CAROLINA TERRACE MOTEL	29 NM	002-31176
15	CALHOUN MOTEL	29 NM	002-31176
16	CALHOUN MOTEL LODGE	29 NM	002-31176
17	SOUTHERN MOTEL LODGE	30 NM	002-31176
18	ROADWAY INN	31 NM	002-31176
19	CAMELOT INN	31 NM	002-31176
20	SHERATON MOTOR INN	31 NM	002-31176
21	HOLIDAY INN NO 2	34 NM	002-31176
22	RAMADA INN	34 NM	002-31176
23	TRAVELER MOTEL INN	34 NM	002-31176
24	HOLIDAY INN NO 1	34 NM	002-31176
25	THUNDERBOLT MOTEL INN	34 NM	002-31176

TRAINING PACKAGE

MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION

Registration Information

1. Complete the Individual Register Form.
2. Have identification card made, if needed.
3. Give Individual Register Form to Accommodations Group.
4. Obtain Hotel/Motel accommodations, if required, from the Accommodations Group. A Motel Verification Form will be provided with the motel name and room number to which you are assigned. This form will be signed by a member of the Accommodations Group and must be presented to the motel at check-in.
5. Report to Security at Checkpoint 1.

This package contains information which will be helpful to you during this assignment. Enclosed are maps, layouts of the site, location of supplies, names of contacts in the Administration and Logistics area who will be responsible for providing various services, parking instructions, and transportation instructions.

Members of the Accommodations Group and their staff will assist you in obtaining lodging, registration, general training, and airline reservations. Permanent members of this group are listed below:

Grady Allen
Jim Smith
Ben Taylor
Bill Watson
Sandi Fallows
Jane Hart
Terry Pope
Cissy Wood
Janice Few

GENERAL INFORMATION

Parking - General Office

Parking is available in various lots around the General Office. Wachovia Center parking is charged by the hour. Most single level lots have daily rates as well as hourly rates.

Shuttle Bus Service - to McGuire or Catawba

A shuttle bus will run between General Office and site periodically. Check Administration and Logistics Office for schedules.

Hard Hats and Safety Glasses

These items are distributed by Security personnel.

Cameras and Photography Service

Cameras are available for checkout from the Administration and Logistics Group. Photography Service will also be obtained through this group.

Lost and Found

Contact the Administration and Logistics Group.

Mail

Mail should be taken to the Administration and Logistics Office.

Telephone Directories

Telephone directories which include instructions on telephone usage are available in Administration and Logistics Group.

Office Supplies and Equipment

These items will be distributed by the Administration and Logistics Group.

Clerical/Secretarial Needs

These functions are handled by the Administration and Logistics Group on a pool basis.

Newsletter

Any information to be included in the newsletter should be given to the Administration and Logistics Group.

Meal Schedule

In the GO each group is responsible for their own meals. The only exceptions are those in the Recovery Manager's office. The A & L Commissary Team will provide for their needs.

Access to McGuire/Catawba

Persons requiring access to McGuire Nuclear Station are requested to use the shuttle bus service available from the Crisis Management Center.

APPENDIX C-1.b
PAGE 4 OF 8

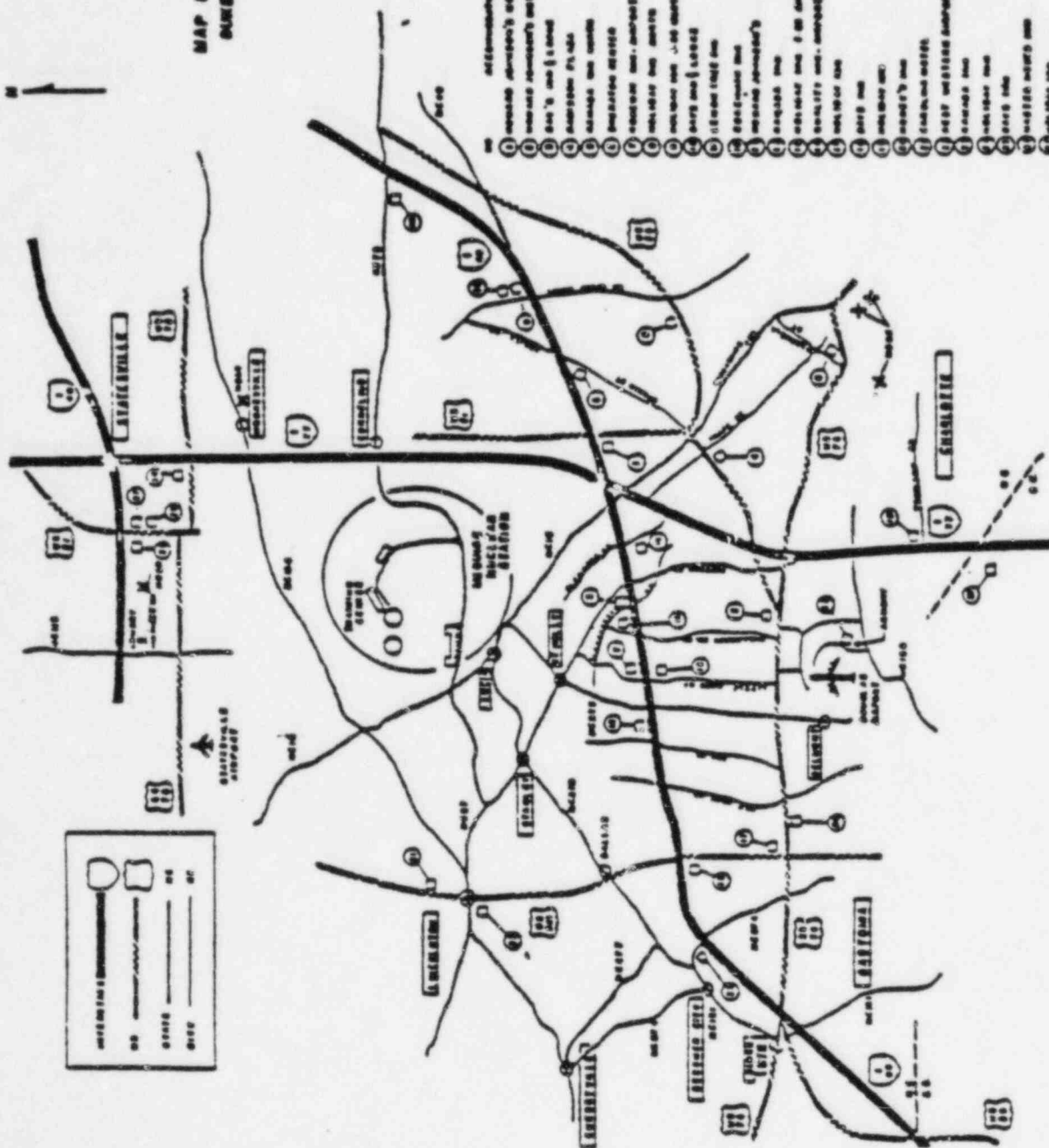
ADMINISTRATION AND LOGISTICS CONTACTS

- A. General Information - Contact managers listed below:
- | | | |
|------------------|-------------------------|---------------|
| 1. R. F. Smith | 4. E. D. Morton | 7. D. S. Moss |
| 2. R. H. Lynn | 5. R. N. Johnson | |
| 3. S. M. Kessler | 6. C. N. Alexander, Jr. | |
- B. Administration - Provides office supplies and equipment and secretarial support:
- | | | |
|-----------------|--------------------|--------------|
| 1. S. H. Friday | 3. B. C. Walker | 5. A.H. Furr |
| 2. J. E. Benton | 4. B. J. Albertson | |
- C. Accommodations - Performs functions concerning registration, employee training, airline and motel/hotel arrangements:
- | | | |
|------------------|-----------------|---------------|
| 1. G. L. Allen | 4. B. E. Taylor | 7. Terry Pope |
| 2. J. E. Smith | 5. W. J. Watson | 8. Cissy Wood |
| 3. S. P. Fallows | 6. J. S. Hart | 9. Janice Few |
- D. Communications - Provides telephone requirements, special radio requirements:
- | | | |
|-------------------|-----------------|-------------------|
| 1. Craig Tompkins | 3. Rick Morrow | 5. Eugenia Taylor |
| 2. B. B. Baber | 4. Jesse Harris | |
- E. Purchasing - Provides functions as the recovery organization purchasing agent with responsibility for contract negotiation/administration and material control:
- | | | |
|----------------------|------------------|-----------------|
| 1. Leonard McPherson | 3. Bill Turner | 5. Dean Dobbins |
| 2. Hooper Miller | 4. Mike Spillars | 6. Jay Miller |
- F. Finance - Responsibility of administering the petty cash fund and expense accounts and providing the handling of payroll matters:
- | | | |
|-------------------|--------------------|---------------------|
| 1. W. E. Harbin | 3. James McClure | 5. Richard Lavender |
| 2. Dorothy Peeler | 4. G. R. Patterson | |
- G. Commissary - Provides food, tents, toilets and trash cans for the entire recovery organization:
- | | | |
|-------------------|-----------------|--|
| 1. D. E. Faulkner | 3. K. B. Jones | |
| 2. Dennis Searce | 4. Kathy Lanier | |
- H. Human Resources - Provides additional manpower requirements.
- | | | |
|-------------------|-------------------|-----------------|
| 1. Mike Lenderman | 4. R. A. Price | 7. Larry Crouse |
| 2. R. G. Moore | 5. G. E. Wilson | 8. Terry Hunt |
| 3. D. W. Phillips | 6. S. W. Dressler | |

APPENDIX C-1.b

PAGE 5 OF 8

- I. Transportation - Covers many areas of the recovery operation from the initial establishment of a base operation, ground preparation, trailer delivery and setup to continued personnel and material movement throughout the recovery period.
- | | |
|------------------|-------------------|
| 1. Marion Wilson | 3. Charles Bostic |
| 2. M. F. Bowen | 4. John Puett |
- J. Medical Support - Furnishes medical assistance.
- | | | |
|----------------|-----------------|--------------|
| 1. Jack Huskey | 3. J. Edwards | 5. Bob David |
| 2. R. S. Dugan | 4. T. R. Miller | 6. Ted Roach |
- K. Security - Responsible for providing and implementing the overall security plan and procedures to be followed in the event of a crisis:
- | | | |
|------------------|------------------|----------------|
| 1. Randy Cross | 3. Bill Randlett | 5. Dave Adkins |
| 2. Keith Shannon | 4. Guy Cox | |
- L. Insurance - Will be the liaison between Duke and the insurance companies. This group will interface with other crisis management groups in providing assistance needed by the insurance companies:
- | | |
|---------------|-----------------|
| 1. Doug House | 2. Laura Lawson |
|---------------|-----------------|

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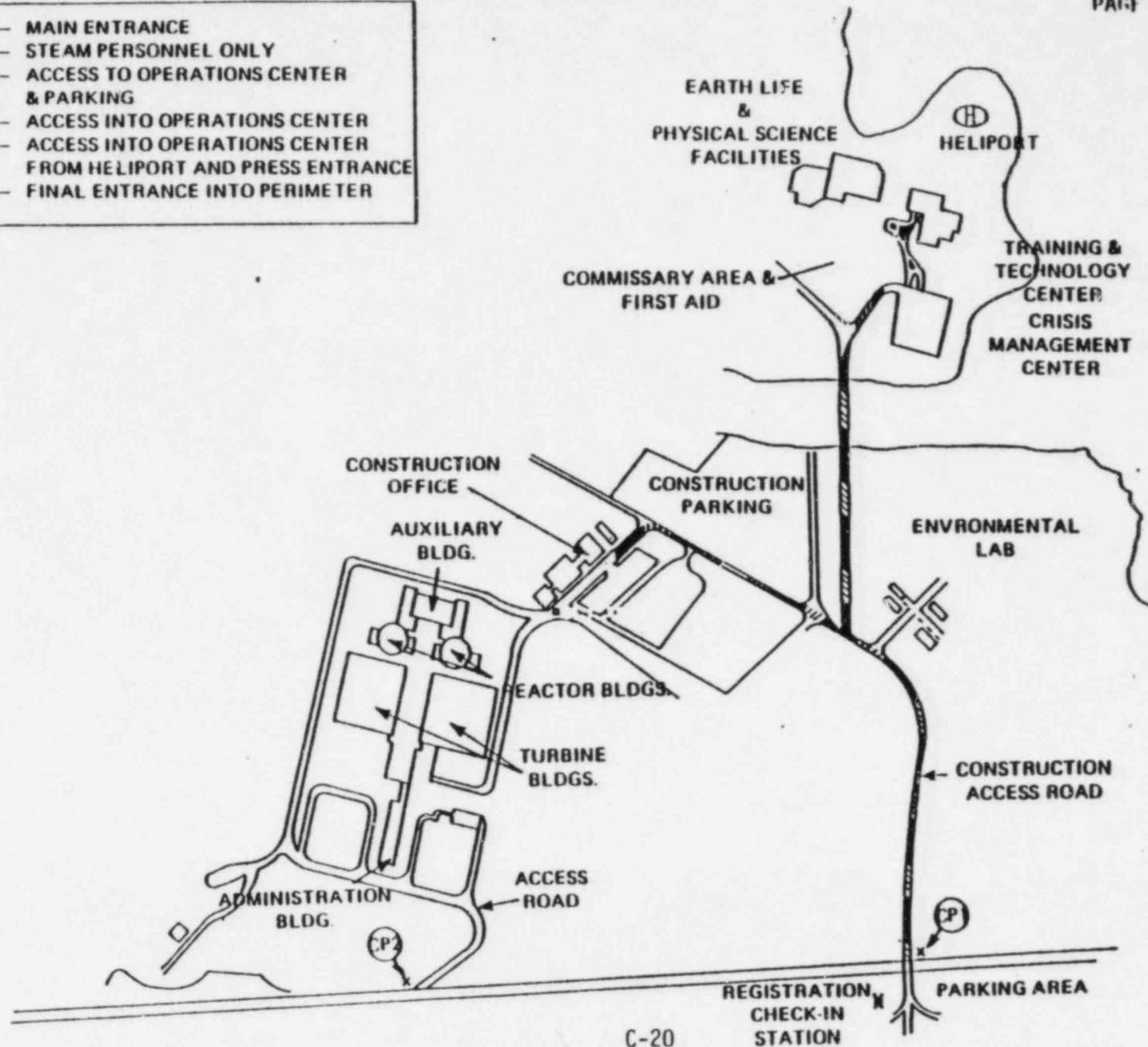
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Rev. 6
June 15, 1983

McGUIRE NUCLEAR STATION
CRISIS MANAGEMENT TEAM
SECURITY PLAN

APPENDIX C-1.b
PAGE 7

- CP1- MAIN ENTRANCE
- CP2- STEAM PERSONNEL ONLY
- CP3- ACCESS TO OPERATIONS CENTER
& PARKING
- CP4- ACCESS INTO OPERATIONS CENTER
- CP5- ACCESS INTO OPERATIONS CENTER
FROM HELIPORT AND PRESS ENTRANCE
- CP6- FINAL ENTRANCE INTO PERIMETER



C-20

Rev. 6
June 15, 19

REQUEST FOR DUKE POWER CRISIS MANAGEMENT TEAM IDENTIFICATION CARD

Instructions:

1. CMT Director or Group Leader completes the two-part form below and sends it to the CMT Manager for approval.
2. The CMT Manager returns the form to the CMT Director or Group Leader.
3. The CMT Director or Group Leader sends the form to the Employees' Supervisor for approval.
4. The Employees' Supervisor returns the form to the CMT Director or Group Leader.
5. The CMT Director or Group Leader distributes the form as follows:
 - a. The Original copy to Grady Allen located at Catawba Construction. The Accommodations Section then contacts the employee for making a Crisis Management Team Identification Card.
 - b. The Carbon copy is retained by the CMT Director or Group Leader so appropriate manuals, etc., can be issued.

Date _____

Grady Allen, Accommodations Director
Administration and Logistics Group
Crisis Management Team
Catawba Construction

Please make a Crisis Management Team Identification Card for the following person:

Name _____ Phone _____

Department _____ Location _____

Crisis Management Team Group _____

Reason _____

Will this person be involved in drills in South Carolina?

Yes _____ No _____ (SLED Badges)

Access required to Crisis Management Center? Yes _____ No _____ (Green Dot)

Director or Group Leader's Signature

Manager of Appropriate Crisis
Management Group

Approved (Employee's Supervisor)

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CRISIS MANAGEMENT TEAM
IDENTIFICATION CARD
PERMANENT

Below is an example of the 'Permanent' Identification Card. This replaces the Duke Power Company Identification Card and is issued to all (except red dot card holders) permanent Duke Power employees who are involved in the Crisis Management Plan.

Colored dot indicates registration complete

Background in accordance with Corporate policy

PICTURE

EMPLOYEE SIGNATURE

Duke Power

NAME	
DEPARTMENT	
SOC. SEC. NO.	DATE HIRED
DATE ISSUED	DATE EXPIRES

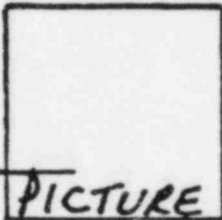

CRISIS MANAGEMENT TEAM

Green Dot allows admittar. to Crisis Management Center

CRISIS MANAGEMENT TEAM
IDENTIFICATION CARD
PERMANENT
IMMEDIATE ACCESS

Below is an example of the 'Permanent' Identification card which allows immediate access without registration. This replaces the Duke Power Company Identification Card and is issued to Crisis Management Managers and other Duke Power Company VIP.

Duke Power

 Background in accordance with Corporate policy	NAME 		Red Dot allows admittance to Crisis Management Center
	DEPARTMENT/LOCATION		
	SOC. SEC. NO. <i>CRISIS M. TEAM</i>	DATE HIRED	
	DATE ISSUED	DATE EXPIRES	
EMPLOYEE SIGNATURE			

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CRISIS MANAGEMENT TEAM
IDENTIFICATION CARD
TEMPORARY

Below is an example of the 'Temporary' Identification Card issued to individuals (except NRC or P10 personnel), who are not permanent members, upon arrival to the project when a crisis occurs. This identification card will only be valid for the duration of a crisis.

Colored dot
indicates
registration
complete

White
background

Duke Power	
NAME	
DEPARTMENT	
SEC. NO.	
DATE ISSUED	
DATE EXPIRES	

PICTURE

EMPLOYEE SIGNATURE

Green Dot
allows
admittance
to Crisis
Management
Center

Form 04156 (5-82)

CRISIS MANAGEMENT TEAM

"INDIVIDUAL REGISTER"

Please Print

Name: _____

Social Security Number: _____ Employee Number: _____

Company/Agency: _____

Department: _____

Principal Work Location: _____

City: _____ State: _____

Requirements:

Do you need - Hotel Accommodations: Yes ____ No ____

- Transportation: Yes ____ No ____

- Other _____

Drill Location: _____

Phone 5-62-623

PMW 6 = 2.1 * 8.0

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MOTEL VERIFICATION

NAME: _____
MOTEL: _____
ROOM NUMBER: _____

AUTHORIZED SIGNATURE

NAME: _____
MOTEL: _____
ROOM NUMBER: _____

AUTHORIZED SIGNATURE

NAME: _____
MOTEL: _____
ROOM NUMBER: _____

AUTHORIZED SIGNATURE

power 5-13-69

AIR TRAVEL REQUEST LOG

[illegible]

OCONEE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Best Western-University Inn 3430 Clemson Blvd. Anderson, SC 29621 (803) 225-3721	100	50-75	50-100	*Royal American Motor Inn Rt. 2 Box 405 Clemson Hwy., I-85 & US76 Anderson, SC 29621 (803) 226-7236	52	15	25-30
**Carolina Terrace Motel 700 N Murray Avenue Anderson, SC 29622 (803) 226-3411	42		25	**Southern Motor Lodge 1310 Williamston Road Anderson, SC 29621 (803) 224-3443	47	10	15
*Days Inn of America I-85 at 187 Ex. 14 Anderson, SC 29621 (803) 287-3550	113	65	100	**Thunderbird Motor Lodge 110 Sharpe Street Anderson, SC 29621 (803) 224-6351	48	30	48
*Holiday Inn 3025 N Main Anderson, SC 29621 (803) 226-6051	130	50	75	**Vatrice Hotel 512 Williamston Road Anderson, SC (803) 225-5445			
*Howard Johnson's P.O. Box 5022 I-85 at 76 & 28 Bypass Anderson, SC 29623 (803) 226-3457	60	20	35	**Clemson Motel Hwy 93 (Box 249) Clemson, SC 29631 (803) 654-2744	20		

OCONEE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
Holiday Inn S Hwy 123 lemson, SC 29631 803) 654-4450	220	50-100	100-125	**Star Motel Route 10 - US 123 Easley, SC 29640 (803) 269-1311	22		
Ramada Inn .O. Box 1706 Hwys 76 & 123 lemson, SC 29633 803) 654-7501	149	20	40	*Traveleze Motor Inn 1800 Hwy 123 Easley, SC 29640 (803) 859-7520	101	40	60
*Thunderbird Motor Inn .O. Box 311 Hwy 123 North lemson, SC 29631 803) 654-4605	40	20-30	35-40	*Econo Lodge I-85 & SC-59 Fairplay, SC 29643 (803) 972-9001	135	80	100
*Landmark Motel 159 Greenville Hwy asley, SC 29640 803) 859-7374	10	8-10	10	**Save Inn - Lake Hartwell Hwy I-85 Fairplay, SC 29643 (803) 442-7470			
*Nelson's Motel Route 10 - US 123 asley, SC 29640 803) 269-9830	11	11	11	*Best Western/Greenville Inn 2800 Laurens Road Greenville, SC 29607 (803) 288-3110	184	50	100

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OCONEE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
Cabana Inn 07 N. Main Street Greenville, SC 29601 (803) 235-8531	75	30	40	**Econo-Travel Motor Hotel 536 Wade Hampton Blvd. Greenville, SC 29609 (803) 232-6416	48		8-15
Camelot Inn 500 Augusta Road Greenville, SC 29605 (803) 277-8430	100	50	75	*Golden Eagle Motor Inn 540 N. Pleasantburg Drive Greenville, SC 29606 (803) 271-0060	198		
Colonial Court Hotel 55 Wade Hampton Blvd. Greenville, SC 29602 (803) 233-5393	109	30	30	*Holiday Inn I-85 I-85 @ Exit 46 Greenville, SC 29606 (803) 277-6730	140	5-30	15-50
Comfort Inn -85 & Hwy 25 South Business Greenville, SC 29605 (803) 277-8630	98	50	75	*Holiday Inn No. 1 100 S. Pleasantburg Drive Greenville, SC 29607 (803) 233-4131	146		
Cricket Inn 465 S. Pleasantburg Drive Greenville, SC 29605 (803) 277-8670	100	100	100	*Howard Johnson 10 Mills Avenue Greenville, SC 29605 (803) 233-3951	60		

OCONEE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
Howard Johnson South 291 By-Pass Greenville, SC 29606 (803) 277-4010	90			*Ramada Inn 1314 S. Pleasantburg Drive Greenville, SC 29605 (803) 277-3734	122	20	30
Hyatt Regency - Greenville 1. Main Street Greenville, SC 29601 (803) 235-1234	329			*Roadway Inns I-85 at Whitehorse Road Greenville, SC 29605 (803) 277-0950	160	75	100
Masters Inn P.O. Box 6552 Sta.B I-85 @ 276 Greenville, SC 29606 (803) 288-6600	120	60	100	*Sheraton Center 1001 S Church Street Greenville, SC 29602 (803) 242-5320	145	50	100
Poinsett Hotel 120 South Main Street Greenville, SC 29601 (803) 232-6438	200			*Sheraton Palmetto 4295 Augusta Road Greenville, SC 29605 (803) 277-8921	158	10	15
Quality Inn I-85 at US 276 Greenville, SC 29606 (803) 288-2650	120			*Thunderbird Motor Inn S.C. 271 at Tower Drive Greenville, SC 29607 (803) 233-4651	192		

OCONEE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
**Traveleze Motor Inn I-85 & Hwy 276 Greenville, SC 29607 (803) 288-3110				**Lone Oak Motel E. Currahee St. Toccoa, GA 30577 (404) 886-6871			
**Wade Hampton Motel PO Box 775 Wade Hampton Blvd. Greenville, SC 29602 (803) 244-0340	42	20	25	**Pecks Motel 509 W. Currahee St. Toccoa, GA 30577 (404) 886-9458			
**Pine Court Motel 1003 E.N. 1st Street Seneca, SC 29678 (803) 882-3636	12			*Plaza Motor Inn Big A Road Toccoa, GA 30577 (404) 886-9461	80		
**Senconee Motel By Pass 123 Box 746 Seneca, SC 29678 (803) 882-2784	28			**Toccoa Motel 212 S. Pond St. Toccoa, GA 30577 (404) 886-2183			
**Town & Country Motel By Pass 123 - Box 320 Seneca, SC 29678 (803) 882-3376	21			**Trav-Air Motel 520 W. Currahee St. Toccoa, GA 30577 (404) 886-2109			

OCONEE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
**Walhalla Motel 901 E Main Street Walhalla, SC 29691 (803) 638-2585	18	12	15-18				
**Westminster Motel 109 Windsor Street Westminster, SC 29693 (803) 647-2001	18	10	10				

MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Best Western - Coliseum 3024 E. Independence Blvd. Charlotte, NC 28205 (704) 375-4424	151			*Comfort Inn - Coliseum 3016 E. Independence Blvd. Charlotte, NC 28205 (704) 375-8444	109		
*Best Western - Downtown 900 N. Tryon Street Charlotte, NC 28206 (704) 373-0300	118			*Cricket Inn 4115 Glenwood Drive Charlotte, NC 28208 (704) 394-4131	100		
*Best Western Motel Douglas Municipal Airport Charlotte, NC 28219 (704) 392-5311	56	45	50	*Days Inn I-77 & Woodlawn Road Charlotte, NC 28210 (704) 527-1620	143		
*Catalina Motor Lodge 2403 Wilkinson Blvd. Charlotte, NC 28208 (704) 375-8851	105			*Days Inn - Airport 4419 Tuskaseegee Road Charlotte, NC 28208 (704) 394-5181	120	0-80	20-30
*Coliseum Inn 3016 E. Independence Blvd. Charlotte, NC 28205 (704) 377-1501	178	60	100	*Days Inn - Sugar Creek 1408 W. Sugar Creek Road Charlotte, NC 28213 (704) 597-8110	151	30	100

MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Econo Lodge 2222 E. Independence Blvd. Charlotte, NC 28205 (704) 372-6250	60			*Holiday Inn I-85 North 5301 N I-85 Charlotte, NC 28206 (704) 596-9390	100		
*Econo Lodge 1415 Tom Hunter Road Charlotte, NC 28213 (704) 597-0470	132			*Holiday Inn - Coliseum 2701 E. Independence Blvd. Charlotte, NC 28205 (704) 377-6581	131		
*Econo Lodge - Airport I-85 @ Little Rock Road Charlotte, NC 28203 (704) 394-0172	140			*Holiday Inn - Woodlawn 212 Woodlawn Road Charlotte, NC 28210 (704) 525-8350	432	200	100
*Executive Inn 631 N. Tryon Street Charlotte, NC 28232 (704) 332-3121	200			*Holiday Inn North 3815 North Tryon Street Charlotte, NC 28225 (704) 377-4441	432		
*Holiday Inn I-85 Airport 2707 Little Rock Road Charlotte, NC 28214 (704) 394-4301	220	5	12	*Hornes Motor Lodge PO Box 668101 185 & Freedom Dr Charlotte, NC 28266 (704) 392-7311	150	140	140

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MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Howard Johnson's Motor Lodge 3931 Statesville Ave Charlotte, NC 28206 (704) 377-1593	80	25	45	*Oak Tree Inn - Airport 3101 I-85 @ Mulberry Rd. Charlotte, NC 28208 (704) 394-3381	119		
*Howard Johnson's Motor Lodge 2400 Wilkinson Blvd. Charlotte, NC 28208 (704) 377-6961	114	35	50	*Quality Inn - Downtown 201 S. McDowell Street Charlotte, NC 28204 (704) 372-7550	197		
*Howard Johnson's Motor Lodge 118 E. Woodlawn Road Charlotte, NC 28210 (704) 525-6220	96			*Radisson Plaza Two NCNB Plaza Charlotte, NC 28280 (704) 377-0400	372		
**New Imperial Motel 1025 S. Tryon Street Charlotte, NC 28203 (704) 377-3611	40			*Ramada Inn - Coliseum 3501 E. Independence Blvd. Charlotte, NC 28205 (704) 537-1010	176	176	176
*Nova Plaza Hotel 5321 E. Independence Blvd. Charlotte, NC 28212 (704) 535-8300	72			*Ramada Inn - Downtown 600 S. Kings Drive Charlotte, NC 28204 (704) 377-6800	100		

MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Ramada Inn - South 515 Clanton Road Charlotte, NC 28210 (704) 527-3000	173			*Rodeway Inn - Downtown 601 N. Tryon Street Charlotte, NC 28202 (704) 372-2300	144	30	50
*Ramada Inn North 4330 I-85 North Charlotte, NC 28213 (704) 596-8020	100			*Sheraton Center 555 S. McDowell Street Charlotte, NC 28204 (704) 372-4100	309	35	115
*Red Roof Inn 3300 I-85 South Charlotte, NC 28208 (704) 394-2316	85			*Tryon Lodge Motel 1022 S. Tryon Street Charlotte, NC 28203 (704) 377-4901	125		
*Registry Inn 321 W. Woodlawn Road Charlotte, NC 28210 (704) 525-4441	184			*Uptown Motor Inn 319 W. Trade Street Charlotte, NC 28202 (704) 376-9841	100		
*Rodeway Inn - Airport 4040 S. I-85 & Little Rock Rd. Charlotte, NC 28208 (704) 394-4111	120			*Colonial Motor Court Hwy 29 & 601 North Concord, NC 28025 (704) 782-2146	65	25	35

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MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Days Inn P.O. Box 3322 I-85 & 73 Concord, NC 28025 (704) 786-9121	80	55	65	*Best Western/Carolina Inn 800 W. Franklin Avenue Gastonia, NC 28052 (704) 865-3421	96	20	45
*Holiday Inn 1601 Hwy 29N Concord, NC 28025 (704) 786-5181	100			*Days Inn of America I-85 at Edgewood Box 388 Gastonia, NC 28052 (704) 867-0231	122		
*Hotel Concord 14 Union Street, N Concord, NC 28025 (704) 782-2131	100			*Honey's Inn 1400 E. Franklin Ave. Gastonia, NC 28052 (704) 864-8744	60		
**Mayfair Hotel Court 1516 Hwy 29N Concord, NC 28025 (704) 786-1175	23			*Howard Johnson's 1700 N. Chester Street Gastonia, NC 28052 (704) 864-9981	71	35	60
*Holiday Inn of Fort Mill-Carowinds 211 I-77 & Carowinds Blvd. Fort Mill, SC 29715 (803) 548-2400		20	50	*Mid Town Motor Inn 210 S. Chester St. (Hwy 321) Gastonia, NC 28052 (704) 864-9751	53	33	40

MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-H</u>
*Ramada Inn Rt. 6, Box 62 I-85 & Route 274 Gastonia, NC 28052 (704) 867-1821	114	57	80-85	**Williams Motel Rt. 1, Box 129 Hwy 601 Midland, NC 28107 (704) 786-0442	10	5	5
**Center Motel 1503 North Cannon Blvd. Kannapolis, NC 28081 (704) 932-4656	16			**Imperial Court P.O. Box 787 Hwy #29 Mt. Pleasant, NC 28124 (704) 436-9619	18		
**Parker's Motel, Inc. 1810 North Cannon Blvd Kannapolis, NC 28081 (704) 932-5617	13			*Holiday Inn of Rock Hill Mt. Gallant Rd. & US 21 Bypass Rock Hill, SC (803) 329-2100	201		
**Carolina Motel 202 North 321 Bypass Lincolnton, NC 28092 (704) 735-8021	37	15-25	30	*Howard Johnson's Motor Lodge I-77 & U.S. 21 North Rock Hill, SC (803) 329-3121	103		
*Town & Country Motel 614 Clark Dr Hwy 150/321 Bypass S Lincolnton, NC 28092 (704) 735-8271	62			**Pine Rest Motor Inn Bypass 21 & Business 21 North Rock Hill, SC (803) 366-7131	22		

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MCGUIRE

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
**Porter's Motel Hwy US 21 North Rock Hill, SC (803) 329-3100	35			**Hallmark Inn Motel Hwy 64 @ I-40 Statesville, NC 28677 (704) 872-2781	25		
*Ramada Inn I-77 & U.S. 21 North Rock Hill, SC (803) 329-1122	130			*Holiday Inn Hwy 21, North Statesville, NC 28677 (704) 872-4101	100		
**Red Coach Motor Inn 503 E. Main Street Rock Hill, SC (803) 329-3131	40			*Master Hosts Inn 725 Sullivan Road Statesville, NC 28677 (704) 873-5236	100	50	50-60
**Cline's In-Town Motel 123 West Front Street Statesville, NC 28677 (704) 872-2748	25			*Ramada Inn I-77 & US 70 Statesville, NC 28677 (704) 872-5215	120		
*Days Inn Sullivan Road I-40 & 21 N Statesville, NC 28677 (704) 873-5252	122	50	122	*Scottish Inn P.O. Box 1748 I-40-Gaither Rd Statesville, NC 28677 (704) 827-9891	104	92	92

MCGUIRE

TOTAL RMS 8-HRS 24-HRS

TOTAL RMS 8-HRS 24-HR

**U.S. 21 Motel
1415 Shelton Avenue
Statesville, NC 28677
(704) 873-8062

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AIRLINES

Greenville-Spartanburg Airport

Eastern Airlines:

Greenville - (803) 232-3571 (Passenger Reservations & Information)
Spartanburg - (803) 585-9121 (Passenger Reservations & Information)

Republic Airlines:

Greenville - (803) 242-6535
Spartanburg - (800) 241-9385 (Passenger Reservations & Information)

Douglas Municipal Airport - Charlotte

Eastern Airlines - (704) 366-6131 (Passenger Reservations & Information)

Delta Airlines - (704) 372-3000 (Passenger Reservations & Information)

Piedmont Airlines - (704) 376-0235 (Passenger Reservations & Information)

United Airlines - (704) 376-8515 (Passenger Reservations & Information)

World Travel Agency - Charlotte

704-375-6223 or 704-375-3600

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.1.a Installs and maintains telephone system

D.1.b Provides telephone directory

D.1.c Supplies mobile radios and radio pages

D.1.d 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.2.a PRIMARY

Craig Tompkins

D.2.b ALTERNATES

Bill Baber
Jesse Harris
Rick Morrow
Eugenia Taylor

D.4 ADDITIONAL PERSONNEL REQUIRED

Additional personnel will 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.

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. Ocone Nuclear Station

D.6.a.1. Telephone System:

The telephone system to be utilized is detailed in Crisis Management Plan Implementing Procedure 5.3.10. It consists of approximately 13 totally independent lines for use by press personnel, 29 extensions located in the CMC for communications between the CMC and TSC, and 5 outside lines for use by the CMC. In addition, provisions are made for installing phones at the mess tent, trailer city, the registration trailer, NRC use, and special offsite agency coordination.

D.6.a.2. Radio Communications

The Oconee emergency radio base station at the Training Center will be placed in operation upon arrival. This system is detailed in Implementing Procedure 5.3.10. Also, 11 portable radios will be available for use by CMC personnel as required.

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 5.3.11. It consists of independent lines for use by press personnel and provisions are made for phones for NRC use and special Offsite Agency Coordination use.

D.6.b.2. Radio Communications

The McGuire emergency radio base station in WC-1222 will be placed in operation upon arrival. This system is detailed in Implementing Procedure 5.3.11. Also, 11 portable radios will be available for use by CMC personnel as required.

D.7 Equipment

D.7.1. Phones

The phones for the ONS CMC are stored at the ONS Training Center. The phones and related equipment for the press lines at ONS are stored in the Visitor's Center. All phone equipment for the MNS/CNS CMC is in each individual room and location.

D.7.2. Radio Equipment

The base stations for both ONS CMC and the MNC CMC are stored with the phone equipment at each site. The portable radios will be brought with the director or his designee.

D.8. SYSTEM TESTING

Each telephone jack, telephone headset, and radio will be tested in conjunction with drills and exercises involving the Crisis Management Organization. The testing will be documented as to Procedure 5.3.16 in Crisis Management Plan Implementary Procedure.

D.9. TELEPHONE DIRECTORIES

D.9.a OCONEE NUCLEAR STATION

The Oconee telephone directory is shown in Crisis Management Plan Implementing Procedure 5.3.10. Information for revisions to the telephone directory will be given to the Emergency Response Coordinator for typing and distribution, on a quarterly basis.

D.9.b MCGUIRE NUCLEAR STATION AND CATAWBA NUCLEAR STATION

The McGuire and Catawba telephone directory is shown in Crisis Management Plan Implementing Procedure 5.3.11. Information for revisions to the telephone directory will be given to the Emergency Response Coordinator for typing and distribution, on a quarterly basis.

D.10 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 Coordinate receipt of material

E.2.f Coordinate 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

Bill Turner

Mike Spillars

Dean Dobbins

Hooper Miller

Jay Miller

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-2. The CMC Purchasing Team will utilize the clerical support provided by the Administration Director for typing, sending telecopies, answering telephones, handling material control paperwork, etc.

E.5 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.6 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 the Nuclear Production Department concerning the receipt and distribution of equipment and material.

E.7 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
- Access need for additional personnel support
- Access need to assign team member to Nuclear Production Receiving Dept.
- Establish expediting level at Level One

E.8 PROCEDURES

E.8.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.8.b EXPEDITING

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

E.8.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.9 MAJOR EQUIPMENT IDENTIFICATION

Design Engineering maintains a complete listing of major equipment with such information as Equipment 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.10 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.11 UTILITIES WITH SIMILAR EQUIPMENT

A list, Appendix E-1, has been prepared of other utilities in the United States with nuclear plants either operating or under construction. This should assist us in 'borrowing' some of the long lead time items necessary for recovery.

E.12 AUDIT PROCEDURES

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

Contacts and Titles

Nuclear Plants

Reactor Supplier

Arkansas Power and Light
P. O. Box 551
Little Rock, Ark. 72203
Ph. (501) 371-4000

J. L. Maulden - President
W. Cavanaugh, III - V. P. Generation & Construction
J. D. Cook - Manager Purchasing & Stores

Nuclear Unit 1 - 836 MW,
Russellville, Ark.
Ph. (501) 968-2519
Plant Manager: J. O'Hanlon
Mgr. Oper. & Maintenance: Finley Foster

B&W

Commonwealth Edison Company
P. O. Box 767
Chicago, Ill. 60690
Ph. (312) 294-4321

J. J. O'Conner - President
P. B. Kavanagh - V. P. Purchasing
D. P. Galle - Div. Mgr. Nuclear Sta.

Zion 1 - 1100 MW
Zion 2 - 1100 MW
Zion, Illinois
Plant Superintendent: K. L. Graesser
Status: Operational

Westinghouse

Westinghouse

Byron 1 - 1120 MW
Byron 2 - 1120 MW
Byron, Illinois
Ph. (815) 234-5441
Station Superintendent: R. E. Querio
Status: Active Construction

Westinghouse

Braidwood 1 - 1120 MW
Braidwood 2 - 1120 MW
Braidwood, Illinois
Ph. (815) 458-2801
Superintendent: J. F. Gudac
Status: Active Construction

Consumers Power Company
212 W. Michigan Avenue
Jackson, Michigan 49201
Ph. (517) 788-0550

J. D. Selby - President

B&W

Florida Power Corporation
P. O. Box 14042
St. Petersburg, Fla. 33733
Ph. (813) 866-5151

A. H. Hines, Jr. - President
L. H. Scott - Sr. V. P. Operations
J. W. Maloney - Director Purchasing & Stores

B&W

Georgia Power
333 Piedmont Avenue
Atlanta, Ga. 30308
Ph. (404) 526-6526

J. H. Miller - President
R. W. Scherer - COB, CEO
J. R. Allen - Manager Materials

Westinghouse

Vogtle 1 - 1100 MW
Vogtle 2 - 1100 MW
Waynesboro, Georgia
Ph. (404) 554-7711 - 722-1543
Project Manager: H. H. Gregory, III
Status: Active Construction

	Contacts and Titles	Nuclear Plants	Reactor Supplier
Houston Lighting & Power P. O. Box 1700 Houston, Texas 77001 Ph. (713) 228-9211	Don D. Syaora - President, Chief Operating Officer D. D. Jordan - Chairman BRD, CEO A. R. Beavers - V. P. Purchasing	South Texas Project 1 - 1250 MW South Texas Project 2 - 1250 MW Palacios, Texas Ph. (512) 972-5466 Asst. Superintendent: Warren Kinsey Status: Active Construction Manager: D. G. Barker	Westinghouse
Indiana and Michigan Electric Co. 1 Summit Square P. O. Box 60 Fort Wayne, Ind. 46801 Ph. (219) 425-2111	W. A. Black - President R. H. Middleton - Director purchasing & Stores	Donald C. Cook 1 - 1050 MW Donald C. Cook 2 - 1100 MW Bridgeman, MI Ph. (616) 465-5901 Plant Manager - D. V. Shaller Status: Operating Plant	Westinghouse
Kansas Gas and Electric 201 North Market Street Wichita, Kansas 67202 Ph. (316) 261-6221	Wilson Cadman - President R. T. Ivy - Purchasing Agent Bob Hagen - Manager Nuclear Services	Wolf Creek - 1150 MW Burlington, Kansas Ph. (316) 364-8421 Construction Manager: Gary Fouts Status: Active Construction	Westinghouse
Metropolitan Edison P. O. Box 542 Reading, PA 19640 Ph. (215) 929-3601	Floyd J. Smith - President H. L. Robidoux - V.P. T&D Engr. & Oper. William P. Gehlen - Director Material Management	Three Mile Island 1 - 792 MW Three Mile Island 2 - 880 MW Middletown, PA Ph. (717) 944-7621 Station Superintendent: G. P. Miller	B&W
Northeast Utilities 107 Selden Street Berlin, Connecticut 06037 Ph. (203) 666-6911	W. B. Ellis - President R. O. Smith - V. P. Purchasing W. G. Council - Sr. V. P. Nucl. Engr. & Oper.	Millstone 3 - 1150 MW Waterford, Connecticut Ph. (203) 442-0751 Project Mgr.: Steve Toth, Ext. 526 Status: Active Construction	Westinghouse
Pacific Gas & Electric Co. 77 Beale Street San Francisco, CA 94106 Ph. (415) 781-4211	B. W. Shackelford - President R. P. Benton - Materials Manager	Diablo Canyon 1 - 1060 MW Diablo Canyon 2 - 1060 MW Diablo Canyon, CA	Westinghouse
Portland General Electric Co. 121 S. W. Salmon St. Portland, Oregon 97204 Ph. (503) 226-8333	W. J. Lindblad - President Les E. Hodel - V. P. Engr. & Constr.	Trojan - 1130 MW Rainier, Oregon Ph. (503) 556-3713 Plant Superintendent: Paul Yundt Status: Operating Plant	Westinghouse

	Contacts and Titles	Nuclear Plants	Reactor Supplier
Public Service Co. of Indiana, Inc. 1000 East Main Street Plainfield, Indiana 46168 Ph. (317) 839-9611	D. Menscer - President Gary Jansen - Exec. Dir. Purchasing	Marble Hill 1 - 1130 MW Marble Hill 2 - 1130 MW Madison, Indiana Ph. (812) 289-1000 Sr. V.P. Nuclear Div.: S. W. Shields (Ext. 200) Status: Active Construction	Westinghouse
Public Service Co. of New Hampshire P. O. Box 330 Manchester, NH 03105 Ph. (603) 669-4000	R. J. Harrison - President F. V. Pitman - Director Purchasing Bruce B. Beckley - Manager Nuclear Project	Seabrook 1 - 1150 MW Seabrook 2 - 1150 MW Seabrook, NH Ph. (603) 474-9521 Station Superintendent: Don E. Moody Status: Active Construction	Westinghouse
Public Service Electric & Gas Co. 80 Park Plaza Newark, NJ 07101 Ph. (201) 430-7000 Corres.: P. O. Box 570 Newark, NJ 07101	Howard Sonn - President John Gill - Manager, Purchasing	Salem 1 - 1090 MW Salem 2 - 1115 MW Salem, NJ Plant Manager: H. Midura Status: Active Construction	Westinghouse
Sacramento Municipal Util. District P. O. Box 15830 Sacramento, CA 95813 Ph. (916) 452-3211	W. C. Walbridge - General Mgr. W. K. Latham - Asst. General Manager Operations	Rancho Seco - 913 MW Clay Station, California Ph. (916) 452-3211 Operations Mgr.: Ron Rodriguez Maintenance Superintendent: George Coward, Extension 4300	B&W
Tennessee Valley Authority 400 W. Summitt Hill Dr. Commercial Building Knoxville, Tenn. 37902 Ph. (615) 632-2101	C. H. Dean, Jr. - Chairman of Board J. L. Williams, Jr. - Director Purchasing Ph. (615) 751-2624 Chattanooga, TN	Sequoyah 2 - 1148 MW Sequoyah 2 - 1148 MW Daisy, Tenn. Ph. (615) 842-2120 Plant Superintendent: A. E. McWhorter	Westinghouse
		Watts Bar 1 - 1177 MW Watts Bar 2 - 1177 MW Spring City, Tenn. Ph. (615) 365-5403 Proj. Mgr.: Guenter Wadewitz Constr. Super.: Charles Jutton Status: Active Construction	Westinghouse

	<u>Contacts and Titles</u>	<u>Nuclear Plants</u>	<u>Reactor Supplier</u>
Texas Utilities Generating Co. 2001 Bryan Tower Dallas, Texas 75201 Ph. (214) 653-4600	Perry G. Brittain - President Carroll Graves - Manager Purchasing Ph. (214) 653-4994	Comanche Peak 1 - 1150 MW Comanche Peak 2 - 1150 MW Glen Rose, Texas Ph. (817) 897-4856 Mgr. Nuclear Operations: James C. Ruykendall Status: Active Construction	Westinghouse
Toledo Edison 300 Madison Avenue Toledo, Ohio 43652 Ph. (419) 259-5000	W. A. Johnson - President	Davis-Besse 1 - 906 MW Davis-Besse 2 - 906 MW Davis-Besse 3 - 906 MW Oak Harbor, Ohio Ph. (419) 259-5660 Plant Superintendent: T. D. Murray	B&W
Union Electric Company 1901 Gratiot Street St. Louis, Missouri 63103 Ph. (314) 621-3222	Charles J. Dougherty - Chairman Board, CEO D. F. Schnell - V.P. Nuclear J. W. Iselin - Purchasing Agent	Callaway 1 - 1150 MW Callaway 2 - 1150 MW Fulton, Missouri Ph. (314) 676-3111 (Union Elec.) Plant Superintendent: S. E. Miltenberger Status: Active Construction	Westinghouse
Virginia Electric and Power Co. One James River Plaza Richmond, Virginia 23261 Ph. (804) 771-3000	W. W. Berry - President F. B. McNeil - Mgr. Purchasing	North Anna 3 - 938 MW North Anna 4 - 938 MW Mineral, Virginia Ph. (703) 894-5151 Station Mgr.: W. R. Cartwright	B&W

APPENDIX E-2
PAGE 1 OF 1

CRISIS MANAGEMENT TEAM
PURCHASING DEPARTMENT
G.O. TEAMS

<u>Team A</u>	<u>Team B</u>	<u>Team C</u>
Phillips -	Guthrie -	Stephensen -
Ivey -	Carter -	Ballard -
Langford -	S. Smith -	Black -
Lail -	Armstrong -	Williams -
Hollis -	Sawyer -	McCarty -
Bowers -	Laney -	Durell -
Applegate -	Anderson -	Mitchell -
Hill -	Poutier -	McCreary -
<u>Back-Up</u>		
Springer -	White -	Faile -
Vaughn -	Livingston -	Roseman -
Bone -	Newton -	Shook -
Lindley -	Helms -	Bell -
Broadway -	Allen -	

12 hour shifts. (24 hours off)

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)

Bill Harbin

F.3.b ALTERNATES

James McClure
Dorothy Peeler
Glenn Patterson
Richard Lavender

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.

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 Accommodations 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/Catawba

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/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 Appendices F-1 and F-2 for examples 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 Accommodations Group. This information will include employee's full name, payroll and company numbers, social security number, and permanent job location.
- b. A file containing the information received from the Accommodations 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 (Form 55DW).
- c. The work hours and work description will be reported daily by the Human Resources Group on the "Foreman's Daily Report," Form number 04001.
- d. The foreman's daily report will be checked against any time adjustments for the employee. After checking for time adjustments, the information from the foreman's report will be recorded on the employee time card daily.
- e. The employee time sheets will be totaled at the end of the week, batched with a batch header (Form 55B), 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

LOCATION Crisis Management - oconee

MONTH ENDING 8-31-82

[illegible]

I HEREBY CERTIFY THAT THE ABOVE IS A CORRECT STATEMENT OF MY FUND AS OF 8-31-82

Date Prepared 9-7-82

Signed W. E. Gordon
Manager

Prepared By

MONTH ENDING 8-31-82

Signed W. E. Horbin
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

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

Dennis Searce

Ken Jones

Kathy Lanier

G.4 ADDITIONAL PERSONNEL REQUIRED - OCONEE

Personnel will be required to set-up the tents within eight hours.

G.5 ARRIVAL AT SITE OR CMC

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

G.6 FOOD SUPPLIERS

G.6.a OCONEE NUCLEAR STATION

Within one hour, coffee and donuts will be delivered to the recovery location and regular meals for up to 500 persons will be available within three hours by the following suppliers:

Po Folks Restaurant
Seneca, S. C. 29678
(803) 882-5555
Jerry Nelms

Jim's Country Kitchen
Seneca, S. C. 29678
(803) 882-8346
Jim Alexander

Alternate: Wometco
803-225-4101

After hours: Dean Phillips -
Roy Gambrell -
Mike Taylor -
Warren Tallent

G.6.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION (FOR
RECOVERY ONLY)

The following food suppliers will supply meals for up
to 500 people and coffee on a continual basis.
Vendors can respond within eight (8) hours.

Consolidated Coin Caterers
704-334-6852

After hours: Shields Harvey
Herb Jennings
Jim Spencer -
Mary Hammer -

Servomation
704-392-7331

After hours: Norb Balabuch
Henry Dillard
W. H. Griffin

Servomation
3050 Tate Boulevard, SE
Hickory, N. C. 28001
704-328-2011

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

After hours: Charles Foster -
Phil Sumnling
John Cannon -

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

G.7 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:

Taylor's Rent Center (Oconee)
128 White Hall Road
Anderson, S.C.
803-224-8881
Bob Pierce - Owner

Columbia Tent and Awning .
803-799-7623

After hours: Bill Trevathorn -

Clemson National Guard
(Floyd Jones)

Tennessee Tent and Awning Company
1601 McCallie Avenue
Chattanooga, Tenn. 37404
615-662-7024

After hours: Wilson Smith -
Roger Smith -

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

Chair and Equipment Rentals
800 Central Avenue
Charlotte, N. C. 28204
704-332-8176

After hours: Tony Philmon -

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

G.8 TRASH REMOVAL

G.8.a OCONEE NUCLEAR STATION

Trashcans will be available within three hours from the following supplier:

Poe Hardware
803-271-9000

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

G.8.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION
(DURING RECOVERY STAGE ONLY)

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

Poe Hardware
803-271-9000 (24 hour number)

Little Hardware
803-333-3133

After hours: Cecil Jones -

G.9 PORTABLE TOILETS

G.9.a OCONEE NUCLEAR STATION

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

Porto-Let Greenville
803-244-8908

G.9.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION
(DURING RECOVERY STAGE ONLY)

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

Porta-Jon
704-375-8988

After hours: Ned Carpenter -
Reese Carpenter -

Carolina Spot Jon Service
704-333-4955

After hours: Terry Brotherton -
S. M. Brotherton -

G.10 FURNITURE

G.10.a OCONEE NUCLEAR STATION

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

Additional equipment may be rented from the following:

Taylor's Rent Center (Oconee)
128 White Hall Road
Anderson, S.C. 803-224-8881
Bob Pierce - Owner

A-Aaro Rents
803-242-6791

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

G.10.b MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION
(DURING RECOVERY STAGE ONLY)

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

After hours: Charles Couins -
Charles Couins -
Check Cummings -
Terry Grier -

A-1 Chair and Equipment Rentals
704-332-3156

After hours: M. W. Hooks -
Charles Hooks
Jim Little -
Tony Philmon

Chair and Equipment Rentals
300 Central Avenue
Charlotte, N. C. 28204
704-332-8176

After hours: Tony Philmon -

- G.11 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.6.a)
 - B. McGuire Nuclear Station (See Commissary Section G.6.b)
 - C. Catawba Nuclear Station (See Commissary Section G.6.b)
 - D. Crisis Management Center Charlotte (See Commissary Section G.6)
 - II. Established 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.7)
 - IV. Notify Portable Toilets Suppliers (See Commissary Section G.9).
 - 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. Insure around the clock coverage, in all areas listed in.

G.12 OFFICE TRAILER

Design Space International
6351 N. Tryon Street
P. O. Box 26811
Charlotte, N. C. 28213
704-596-7050
Steve Carter
Brenda Brewer

Design Space International
P. O. Box 6711
Greenville, S. C. 29606
803-879-2195

G.13 AUDIT PROCEDURE

Periodically, each supplier will be mailed a questionnaire along with a stamped, return envelope requesting verification of information contained in this section. An example follows in Appendix G-1. Follow-up phone calls and/or visits will be made to those vendors who fail to return a completed form. Completed forms or visit reports will be kept in a permanent file by the commissary representative and replaced as updated. Frequency of this audit will be in accordance with Section A.8 of this manual.

APPENDIX G-1
PAGE 1 OF 2

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
Methods Engineering Section
Construction Services Division

DEF/flr

Attachments

APPENDIX G-1
PAGE 2 OF 2

1. Supplier Name:
2. Commodities supplied during 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: _____

SSD Oconee

D. L. Freeze
Terry Chappell

SSD Mt. Holly

Carey York
Jim Smith
Ben Taylor

System Maintenance
Support

R. Fred Gray

Harvey Lyerly

Work
Home

Work
Home

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

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

H.8.b Builders and utility personnel requirements will be met initially through contacts in Section H.2. Additional personnel requirements will be met through the following contacts:

Builders: Dickie Scruggs
Utility: C. K. Williams

H.8 OTHER UTILITY COMPANIES

Appendix E-1 provides a list of other utility companies who may be contacted for assistance.

H.0 HUMAN RESOURCES DIRECTOR

H.1 PURPOSE

This position fulfills the personnel needs of the recovery organization both in technical and craft disciplines during crisis management efforts.

H.2 FUNCTIONS

H.2.a Provides personnel necessary to establish facilities and park cars - Oconee only

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

H.2.c Provides technical and craft personnel upon request

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

H.2.e. Insures Heliport preparation

H.2.f. Insures preparation of aux. parking area

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 (DIRECTOR)

Mike Lenderman

H.3.b ALTERNATES

Terry Hunt
Dave W. Phillips
Bob Moore
G. E. Wilson
R. A. Price
Bob Via
Sam Dressler
T. Larry Crouse

H.4 TECHNICAL AND CRAFT PERSONNEL

Listed below are contacts at Catawba, McGuire, SSD Oconee, SSD Mt. Holly, and System Maintenance Support:

Catawba	J. C. Rogers C. B. Aycock Ralph Morrison
---------	--

McGuire	Bob Bivens Carey York
---------	--------------------------

H.9 HELIPORT

A heliport 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 PARKING

Additional parking areas in close proximity to the Central Processing Center will be prepared, maintained and attended as required by Human Resources personnel.

H.11 CRISIS MANAGEMENT/RECOVERY EFFORT WORK SCHEDULE

Once the Crisis Management Team 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 per week maximum). A schedule of persons on duty will be posted as necessary.

H.12 FACILITY CLEANUP

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

H.13 AUDIT PROCEDURE

Reference Section A.8 of this manual.

APPENDIX H-1

<u>COMPANY</u>	<u>BUS. PHONE</u>	<u>CONTACT</u>	<u>HOME PHONE</u>
Babcock and Wilcox Co. 2117 Wachovia Center 400 South Tryon Charlotte, N.C. 28285		Rick Edwards	
General Electric Co. P. O. Box 30697 Charlotte, N.C. 28230		Henry Snead	
Westinghouse Electric Corp. P. O. Box 32817 Charlotte, N.C. 28232		Don Fuller	
Combustion Engineering, Inc. Power Systems Div. 1730 Jefferson First Union Plaza Charlotte, N.C. 28282		Dave Donaldson	
Southern Engineering Co. P. O. Box 34609 Charlotte, N.C. 28234		H. L. Hance Jr.	
Envirotech Corporation Bahnson Company Div. 1001 S. Marshall Street Winston Salem, N.C. 27108		A. Keith Pooser	
Jones Chemical Co., Inc. P. O. Box 30516 Charlotte, N.C. 28230		Charlie Sherrill	
Metric Fasteners of Charlotte 634 Anderson Street Charlotte, N.C. 28205		Robert Randle	
Bechtel Power Corporation 15740 Shady Grove Road Gaithersburg, Maryland 20760			
Stone and Webster Mgt. Consultants 90 Broad Street New York, N.Y. 10004			
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 Delivers and sets up trailers.

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

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

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

I.2.e. Provides fuel for on the site recovery vehicles.

I.3 MEMBERS OF GROUP

I.3.a PRIMARY (DIRECTOR)

Marion Wilson

I.3.b ALTERNATES

Max Bowen
Charles Bostic
John Puett

I.4 ADDITIONAL PERSONNEL REQUIRED

Truck 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, 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. Appendix I-1 details equipment and personnel available for use on first call-out.

The first contingency will begin with establishment of base operations. This will include trailer setup if necessary, personnel establishment and transport equipment assessment.

Equipment presently harbored at the 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, Transmission Substation Division Construction, Office (704) 373-8112, Home is available on request.

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 and also, 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-4 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-5. In addition to the commercial carriers, Appendix I-6 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 Project
Personnel and Equipment
(803) 831-1512

Marion Wilson
Home -

<u>Equipment Vehicle No.</u>	<u>Description</u>
04474	1975 Chev. Suburban
06857	1978 Chev. Suburban
04754	1976 Chev. Suburban
04823	1976 Ford Club Wagon (one for security use)
C7544	PU Truck without radio
C7190	PU Truck without radio
C7805	Ford Tractor (for use with trailer)
C8012	Boom truck (for moving generator, blocking for trailer, and trash pickup)
C7556	Chevrolet bus
C4334	25 ton Grove crane
C7556	Bus
C8012	Boom Truck

Drivers

Jesse E. Johnson, Gaffney, SC
Home -

Larry Davis, Clover, SC
Home -

Alex W. Ingrn, Lancaster, SC
(803) 285-7236

Paul L. Harvey, Gaffney, SC
Home -

Other -

Carpenter

W. A. Knowles, Jr., Mt. Holly, NC
Home -

Appendix I-2
1 of 2
OUTSIDE CARRIERS

Specialized Heavy Equipment

Moss Trucking Co., Inc.
Larry Dulin - V.P.
Charlotte, NC

L. A. Chitwood, Jr.
C. E. Infinger - Supt.
Charleston Heights, SC

Wilhoit Steel Erectors
Duane Hull - Engineer
Columbia, SC

C & H Transportation Co., Inc.
West Columbia, SC

Trailer and Building Movers

Transit Homes, Inc.
Boyce Landry - V.P. Operations
Jerry Sullivan - Asst. V.P. Operations
Greenville, SC

Radioactive Shipments

Home Transportation Company, Inc.
Richard Hayden - Term. Mgr.
Barnwell, SC

Moss Trucking Co., Inc.
Eugene Holland - Term. Mgr.
Charlotte, NC

Tri-State Motor Transit Co.
Bill Rucker - Nuclear Disp.
Joplin, MO

Furniture Movers

Carolina Moving & Storage, Inc.
Allied Van Lines
Flay V. Smith, President
Charlotte, NC

Charlotte Van & Storage Co., Inc.
North American Van Lines
William S. McMillian, V.P.
Charlotte, NC

Furniture Movers (cont'd)

Russell Transfer Company
Earl W. White, V.P.
Charlotte, NC

Bus Transportation

Spartanburg Transit (Duke Power Company)
Paul Briggs- District Mgr.

David Hart - Asst. District Mgr.
Paul McKinney- Transportation Supt.

Anderson Transit (Duke Power Company)
J. Waitfield- Asst. District Supt.

G.W. Wilson - Transportation Mgr.

Railroad

Southern Railway System - Seneca, SC
Sidney E. Hawkins - Supt.
Greenville, SC

Seaboard Coast Line Railroad Company - Cowans Ford, NC
Kenneth Kitts- Asst. Supt.
Charlotte, NC

Appendix I-3
1 of 2
Commercial Airlines
Telephone Listing

GREENVILLE-SPARTANBURG JETPORT

<u>Company</u>	<u>Air Freight Telephone No.</u>	
	<u>Spartanburg</u>	<u>Greenville</u>
Eastern Airlines, Inc.	803-585-9121	803-232-4474
Republic Air, Inc.	800-241-9385	803-242-4121

CHARLOTTE-DOUGLAS MUNICIPAL AIRPORT

<u>Company</u>	<u>Air Freight Telephone No.</u>
Delta Airlines, Inc.	(704) 399-0487
Eastern Airlines, Inc.	(704) 399-3331
Piedmont Aviation, Inc.	(704) 392-5692
United Airlines, Inc.	(704) 399-0773

ATLANTA AIRPORT

<u>Company</u>	<u>Air Freight Telephone No.</u>
Braniff International	(404) 766-1678
Delta Airlines, Inc.	(404) 765-2851
Eastern Airlines, Inc.	(404) 432-4281
Frontier Airlines	(404) 768-9106
Northwest Orient Airlines	(404) 767-9756
Ozark Airlines	(404) 768-7411
Piedmont Aviation, Inc.	(404) 766-7879
Republic Airlines	(404) 766-3562

GREENSBORO, HIGH POINT, WINSTON-SALEM AIRPORT


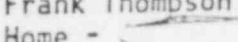
<u>Company</u>	<u>Air Freight Telephone No.</u>
Delta Airlines, Inc.	(919) 294-2122
Eastern Airlines, Inc.	(919) 275-3371
Piedmont Aviation, Inc.	(919) 294-0416
United Airlines, Inc.	(919) 299-0370

Appendix I-3
2 of 2
Air Cargo Carriers
Telephone Listing
24 Hour Numbers

AIRPORTS

	<u>Greenville- Spartanburg</u>	<u>Charlotte-Douglas Municipal</u>	<u>Atlanta Airport</u>	<u>Greensboro High Point Winston-Salem</u>
Airborne Freight Corp.	(803) 232-2763	(704) 523-9335	(404) 765-1400	(919) 294-4570
Burlington Northern Air Freight	(803) 232-1187	(704) 392-1373	(404) 768-1818	(919) 294-3350
Emery Air Freight	(803) 233-5329	(704) 394-6161	(404) 762-1611	(919) 299-9362
Federal Express	(803) 288-8191	(704) 394-5101	(404) 452-0314	(919) 855-5340
	Above numbers until 9:30 p.m. After 9:30 p.m.		(800) 238-5355	
Flying Tigers		(704) 394-1361 Open 24 hours 7 a.m. Monday through 7 a.m. Saturday	(300) 241-4442	(919) 852-6831

Appendix I-4
1 of 2
Aircraft Charter
Telephone Listing and Equipment

Company: Thurston Aviation, Inc.
Charlotte, NC
(704) 394-4331 (24 hour number)
Flight Dispatcher: Tom Tevepaugh
Home - \ 
Dir. of Flight Operations: Frank Thompson
Home - \ 

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

Piston-Powered
Cessna 402, 5 passengers
2-Cessna 310's, 3 passengers

Appendix I-4
2 of 2
Helicopter Equipment Charter
Telephone Listing
24 Hour Numbers

<u>Company</u>	<u>Telephone</u>
Inland Air Lines, Inc. Mr. Bob Burns	(704) 392-2548
Imperial Helicopters, Inc. Mr. Butch Allen	(704) 392-0303
North Carolina Helicopters, Inc. Mr. Reece Kelso	(704) 376-5943
Saber Aviation, Inc. Mr. Mark Thorpe	(704) 394-7279

J.0 MEDICAL SUPPORT DIRECTOR

J.1 PURPOSE

This position provides medical assistance to the Crisis Management Team.

J.2 MAJOR FUNCTIONS

- J.2.a Establishes a base of operations and operates a First Aid Station
- J.2.b Establishes contact with local hospitals and medical supply companies
- J.2.c Assists and transports any victim of serious illness or accident

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)

Jack H. Huskey

J.3.b ALTERNATES

Ted W. Roach
Robert S. Dugan
Jim Edwards
Tony Miller
Bob David

J.4 RESERVE PERSONNEL

J.4.a NURSES

J.4.a.1 PRIMARY

Barbara Fagan Catawba Nuclear Station
Telephone: Home
 Alternate

J.4.a.2 ALTERNATES

Jn Alexander McGuire Nuclear Station

Telephone: Home Unlisted
Work: , Ext.

Pat Rice Oconee Nuclear Station

Telephone: Home
Work

Suzanne Horne Catawba Nuclear Station

Home:
Work: Ext.

Jackie Huskey Catawba Nuclear Station

Telephone: Home:
Work: , Ext.

Zellar Morrison McGuire Nuclear Station

Telephone: Home:
Alt.
Work:

J.4.b. EMERGENCY MEDICAL TECHNICIANS

J.4.b.1 PRIMARIES

Chester Dunavant Catawba Nuclear Station

Telephone: Home:
Work: Ext.

Brian West Oconee Nuclear Station

Telephone: Home
Work

Garland Cloer McGuire Nuclear Station
Statesville, NC

Telephone: Home &
Alt.
Iredell Co. Emergency Services
Unit

J.4.b.2 ALTERNATES

Randy Byrum Catawba Nuclear Station

Telephone: Home
Work: Ext.

Bill Baker Catawba Nuclear Station

Telephone: Home
Work: , Ext.

Dawn McCurdy	Cherokee Nuclear Station
Telephone: Home	
Alt.	
Work	, Ext.
Rickie Eagle	Catawba Nuclear Station
Telephone: Home	803-831-4962
Ofc.	803-831-1512, Ext.
Cliff Ouzts	Bad Creek
Telephone: Home	
Ofc.	
Jim Parker	Construction Services
Telephone: Home	
Work	
Mike Pylar	Construction Training
Telephone: Home	
Work	
Don Crisp	Mt. Holly - SSD
Telephone: Home	
Work	

J.4.c AMBULANCE DRIVERS

J.4.c.1 PRIMARY

Chester Dunavant	Catawba Nuclear Station
Telephone: Home	
Work	, Ext.

ALTERNATES

Max Manley	Catawba Nuclear Station
Telephone: Home	
Work	
Neal McGinn	Construction Services
Telephone: Home	
Alt.	

J.5 FIRST CALL-OUT

Upon notification of alert, the Medical Support group will notified and members, as determined, will report to either the General Office Crisis Management Center or to the National Guard Armory in Clemson depending on location of the crisis. The Medical Support Group will proceed to the Near-Site Crisis Management Center only when the recovery operation begins. At that time prepackaged supplies will be loaded and transported to the Recovery Operation location if

deemed necessary by the director. Vans and/or ambulances will be provided as necessary. Ambulances will be fully equipped as required by North and South Carolina, vans will be equipped with either a first aid kit or a trauma kit.

J.6 INSTRUCTIONS FOR MEDICAL SUPPORT TEAM

Construction sites will supply the vehicles as deemed necessary by the Director, Medical Support group. Semi-annually or after each Recovery Operation or exercise, an inventory of supplies will be made to assure useability and availability. Boxes will be numbered in order of need, as determined by the primary nurse. An inventory of each box will be made with one copy in each box and a master inventory list of all boxes kept in box number one. A copy of supplies and inventory checks will be given to materials handling supervisor and construction safety G.O. All dated items will be replaced in the inventory before their expiration date.

J.7 FACILITY AND EQUIPMENT REQUIREMENTS

J.7.a. Building or trailer for First Aid Station

J.7.b Crystals for radios for direct contact with local hospital emergency rooms

J.8 RESUPPLY OF FIRST AID TEAM

Additional supplies are available at the Toddville Center within 24 hours, or at local first aid supply companies. Agreements with vendors are shown in Appendix J-2.

J.9 RADIATION ASSISTANCE

U. S. Department of Energy offers radiation assistance through the Regional Coordinating Offices for Radiological Emergency Assistance shown below:

Jak Ridge Operations Office
P. O. Box E
Oak Ridge, Tennessee 37830
615-483-8611, Ext. 34510

Savannah River Operations Office
P. O. Box A
Aiken, South Carolina 29801
803-725-6211, Ext. 3333

J.10 HOSPITALS

J.10.a McGuire

J.10.a.1 West of McGuire Via 73 West, 273 West, and I-85-S

Gordan Crowell Hospital
Lincolnton, NC
704-735-7421
Part-time E. R. Physician
Overall Care-General
Trauma Care-General

Lincoln County Hospital
Lincolnton, NC
704-735-3071
24 Hour E. R. Physician
Overall Care-General
Trauma Care-General

Gaston Memorial Hospital
Gastonia, NC
704-866-2000
Overall Care-Major
Trauma Care-General

J.10.a.2 North of McGuire Via I-77, 21 North, or 115 North

Iredell Memorial Hospital
873-5661
Part-time E. R. Physician-Statesville
Overall Care-General
Trauma Care-General

Davis Hospital
873-0281
20 Hr. E. R. Physician Coverage-Statesville
Overall Care-Not Listed
Trauma Care-Not Listed

Lowrence Hospital
664-1113
Part-time E. R. Physician-Mooresville
Overall Care-General
Trauma Care-General

J.10.a.3 East of McGuire Via 73 East and I-77
North-150

Huntersville Hospital
875-1661
E. R. Physician on call-Huntersville
Overall Care-Basic
Trauma Care-Basic

Cabarrus Memorial Hospital
786-2111
24 Hr. E. R. Physician-Concord
Overall Care-Major
Trauma Care-General

Rowan Memorial Hospital
636-3311
24 Hr. E. R. Physician - Salisbury
Overall Care-Major
Trauma Care-Major

J.10.a.4 South of McGuire Via I-77 South; 21 South,
115 South, 16 South, 27 South, and 73 I-85
South

*Charlotte Memorial Hospital
373-2171
24 Hr. E. R. Physician-Charlotte
(Regional Trauma Center)
Overall Care-Comprehensive
Trauma Care-Comprehensive

*Mercy Hospital
379-5000
24 Hr. E. R. Physician-Charlotte
Overall Care-Major
Trauma Care-Major

*Presbyterian Hospital
371-5000
24 Hr. E. R. Physician-Charlotte
Overall Care-Major
Trauma Care-Major

J.10.b OCONEE

*Oconee Memorial Hospital
West Highway, Seneca, SC
803-882-3351

Greenville Memorial
803-242-7000

*Anderson Memorial Hospital
803-261-1000

Cannon Memorial Hospital
Pendleton Ave.
Pickens, SC
803-878-4791

J.11 AUDIT PROCEDURES

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

*Indicates those hospitals that are capable of treating contaminated patients.

APPENDIX J-1
PAGE 1 OF 1

PRE-PACKAGED FIRST AID SUPPLIES

4 Bxs.	2 x 2's	3 Bxs.	Betadine Prep Swab
8 Bxs.	4 x 4's	4 Bxs.	Alcohol Prep Swab
2 Bxs.	8" x 7½" ABD's	1 Gal.	Betadine Scrub
2 Bxs.	8" x 10" ABD's	1 Btl.	Tincture of Benzoin
24	10" x 30" Multi-Trauma Dressings	1 Btl.	Oil of Cloves
2 Bxs.	2" x 3" Telfa Pads	2 Cans	Topical Antiseptic
2 Bxs.	3" x 4" Telfa Pads	6 Btls.	Irrigating Saline
2 Bxs.	2" x 3" Adhesive Telfa Pads	1 Btl.	Aspirin
2 Bxs.	3" x 4" Adhesive Telfa Pads	1 Btl.	Tylenol
1 Cs.	2" Kling	2 Btls.	Maalox
1 Cs.	3" Kling	2 Btls.	Pepto Bismol
1 Cs.	4" Kling	1 Pr.	Ralk Splinter
1 Cs.	6" Kling	2 Pr.	Bandage Scissors
2 Bxs.	2" Ace Elastic Bandages	1 Pr.	Kelly-Murphy Hemostat, Straight
2 Bxs.	3" Ace Elastic Bandages	1 Pr.	Kelly-Murphy Hemostat, Curved
2 Bxs.	4" Ace Elastic Bandages	1 Pr.	Halstead Mosquito Forceps, Straight
4 Bxs.	2" Coban	1 Pr.	Halstead Mosquito Forceps, Curved
4 Bxs.	3" Coban	1	Bard-Parker Surgical Handle, #3
2 Bxs.	4" Coban	2 Bxs.	Bard-Parker Blades, #11 and 15
2 Bxs.	1/2" Dermicel Cloth Tape	1	Ophthalmoscope
2 Bxs.	1" Dermicel Cloth Tape	12	Thermometers, Oral
1 Box	2" Dermicel Cloth Tape	4	Folding Stretchers
1 Box	1" Dermilite II Paper Tape	4	C-Cell Flashlights
1 Box	1" Waterproof Adhesive Tape	2	7½ Volt Lanterns
1 Box	2" Waterproof Adhesive Tape		Maps From Charlotte to All Sites
1 Box	Oval Eye Pads		Maps From Site to Nearest Hospital
4 Bxs.	1" x 3" Coverlet Band-aids	8 Prs.	Disposable Coveralls
4 Bxs.	Coverlet Knuckle Dressings	2	HEF Cartridge Respirators - Full-Fac
2 Bxs.	Coverlet Large Digit Dressing	2	Safety Belts
4 Bxs.	Non-sterile Cotton Tipped Applicators	2	3/4" Rope in 100 Ft. Sections
2 Bxs.	Sterile Cotton Tipped Applicators	4	1/2" Rope in 50 Ft. Sections
1 Box	Tongue Blades	8 Prs.	Leather Gloves
24	Burn Sheets	2	5-Gal. Drinking Water Containers
48	Disposable Ice Packs	48	Meals Pre-Packed Food
2 Bxs.	Alumafoam Finger Splints	1	2 Burner Propane Stove
2 Bxs.	Steri-Strips	2 Btls	Propane Gas
26	10-Pack 4 x 4's	2	Cots
2 Btls.	Visine	12	Blankets
4 Btls.	Dacrocise (Isotone)	24	Hand Towels
2 Btls.	Neosporin Ophthalmic	24	Assorted Plastic Bags
1 Btl.	Vasocon A	1	Pot
3 Tubes	Boric Acid Eye Ointment	1	Fry Pan
1 Gal.	Zephiran Antiseptic	1 Pkg.	Paper Plates (100)
3 Btls	Alcohol	100	Styrofoam Cups
3 Btls.	Hydrogen Peroxide	1 Bx.	Knives, Forks & Spoons
3 Btls.	Merthiolate		
1 Jar	Silvadene (1 lb)		
2 Bxs.	Neosporin		
1 Tube	Neosporin G		
3 Bxs.	Betadine Ointment		

Quick Response INC

4210 BARRINGER DRIVE • CHARLOTTE, N.C. 28210 • (704) 527-5595

August 31, 1982

APPENDIX J-2
Page 1 of 2

Duke Power Company
Construction Safety WC/22
P.O. Box 33189
Charlotte, North Carolina 28242

Attention: Mr. Jack Huskey

Dear Mr. Huskey:

This letter is to confirm our agreement to serve as a back-up source for medical supplies and equipment for the medical division of the crises management team in the event of an unforeseen disaster.

In the event of an emergency situation and our services are required other than between normal business hours, please contact one of the following:


Mr. Marshall Stewart

Mr. Thomas Stewart

Please contact our company if any additional information is needed.

Sincerely,

QUICK RESEPONSE, INC.


Susan L. Dean

cc: Mr. Marshall Stewart
Mr. Thomas Stewart
file

UNITED Medical and Surgical Supply Corporation

MEDICAL & SURGICAL
SUPPLIES & EQUIPMENT

PHARMACEUTICALS

HOSPITAL FURNITURE

SURGICAL INSTRUMENTS

INDUSTRIAL & UNIT FIRST AID KITS

SAFETY EQUIPMENT



2829 WHITE HORSE ROAD

P. O. Box 132 Greenville, South Carolina 29602 Phone 269-2911

June 15, 1981

Mr. Clifton Ouzts
Duke Power Company
SSD Oconee
P. O. Box 219
Seneca, South Carolina 29678

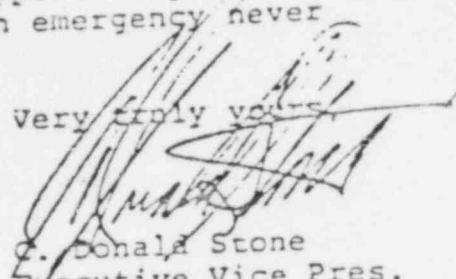
Dear Mr. Ouzts:

We are pleased to advise that our company is in a position to offer you 24 hour emergency service for your medical needs. Should the occasion arise, you can obtain this service by calling either of the parties listed below:

Billy Joe Allen
Rick Merritt

We certainly appreciate the opportunity of serving your regular needs and hope an emergency never arises.

Very truly yours,



C. Donald Stone
Executive Vice Pres.

CDS/j

Rev. 6
June 15, 1983

K.0 SECURITY DIRECTOR

K.1 PURPOSE

The Security Group, a part of the Administration and Logistics Team, is responsible for providing and implementing the overall security plan and procedures to be followed in the event of a crisis at an operating nuclear station and during site recovery efforts.

K.2 MAJOR FUNCTIONS

K.2.a Coordinates Local Law Enforcement activities for the Crisis Management Center.

K.2.b Coordinates contacts with the State Highway Patrol located with the State Emergency Response Team (SERT) at the Air National Guard Facility, Charlotte, N.C., or the State Highway Patrol and South Carolina Law Enforcement Division (SLED) located at the State Emergency Operations Center at the National Guard Armory, Clemson, SC.

K.2.c Establishes and maintains security checkpoints as addressed in Sections K.5 and K.6.

K.3 MEMBERS OF GROUP

The Security Director shall have the overall responsibility and authority for implementing the Crisis Management Security Plan and Procedures in the event of a crisis at any operating nuclear station and during site recovery efforts. Reporting to the Security Director is the Assistant Security Director. The Assistant Security Director shall provide assistance to the Security Director. In the Security Director's absence, the Assistant Security Director may assume the responsibility and authority of the Security Director.

K.3.a SECURITY DIRECTOR

Randy Cross

K.3.b ASSISTANT SECURITY DIRECTORS

Bill Randlett
Keith Shannon
Guy Cox
Dave Adkins

K.4 PLAN STRUCTURE

The plan is structured to describe the security functions which are required should a crisis event occur at Oconee Nuclear Station or McGuire Nuclear Station. Section K.5 addresses the requirements for Oconee Nuclear Station. Section K.6 addresses the requirements for McGuire Nuclear Station. Note that Section K.6.b Potential Plan for Use During Site Recovery Efforts addresses those requirements which may be implemented at McGuire if the circumstances dictate.

Plan enclosures are located in the back of Section K.0 and provide support to the main text in detailing relationships and requirements. Each section of the plan, where necessary, references any applicable enclosures.

K.5 OCONEE NUCLEAR STATION

K.5.a Requirements for Both Initial Crisis Event and Site Recovery Efforts

K.5.a.1 MANPOWER REQUIREMENTS

Manpower needs shall be provided by Security personnel at the site. At minimum, the Security force shall consist of eight (8) Nuclear Security Force Officers and one (1) Nuclear Security Force sergeant per shift.

Local law enforcement personnel may be used if circumstances dictate a need for their assistance.

K.5.a.2 IMPLEMENTATION OF CHECKPOINTS

Checkpoints 1 and 2 shall be established by station security personnel when the event is declared. Remaining checkpoints shall be established as additional station security personnel become available. Checkpoints 1 and 2 will be augmented by local law enforcement personnel should traffic conditions dictate.

The Crisis Management Security Director shall be responsible for security within the owner controlled area. Appendices K-1 and K-2 depict the location of the checkpoints for both McGuire and Oconee. Supervision of the checkpoints shall be provided by a Nuclear Security Sergeant operating within his normal chain of command until the arrival of the Crisis Management Security Director or Assistant Security Director.

CHECKPOINT 1

Located on the Main Entrance Road adjacent to the Central Processing Center, Checkpoint 1 shall be manned by two nuclear station officers.

Prior to the establishment of the Central Processing Center (Accommodations Registration), individuals with Crisis Management identification cards shall be allowed access through Checkpoint 1 and logged by security personnel (See Appendix K-4). News media personnel, excluding Public Information Officers (PIO's), shall not be allowed access until the Security Director or Assistant Security Director has been notified that the Crisis News Center is manned by Duke Power Company personnel. News media personnel shall be logged by the Checkpoint 1 security officer until the establishment of the Central Processing Center (News Media Registration).

In addition, Key Crisis Management personnel, Nuclear Regulatory Commission (NRC) personnel, and Public Information Officers (PIO's) shall be allowed access through Checkpoint 1 without any registration requirements in order to expedite their entrance into the Crisis Management Center. The Checkpoint 1 security officer shall verify identification (See Appendix K-3) and log individuals using Appendix K-4. The log maintained by the Checkpoint 1 security officer shall be made available to Registration personnel upon request. Key Crisis Management personnel, NRC personnel, and PIO's shall not be required to process through the Central Processing Center during the crisis.

When the Central Processing Center is established and operational, the Crisis Management Security Director or designee shall notify Checkpoint 1 and personnel shall no longer be logged (excluding Key Crisis Management personnel, NRC personnel and PIO's). All personnel, except for the above listed exceptions, shall be directed to the Central Processing Center (Accommodations or News Media Registration) for registration before admittance shall be allowed. As stated previously, the log shall be made available to Registration personnel upon request.

At the Central Processing Center, Crisis Management identification cards shall be marked with a colored dot (color to be determined by the Accommodations Group Director for each exercise or event) in the

upper left hand corner to signify completion of registration. News media personnel shall be identified by a Duke Power Company News Media badge and shall be directed to the Visitor's Center only.

CHECKPOINT 2

Located at the entrance to the Intake Road on S.C. Highway 183, Checkpoint 2 shall be manned by two nuclear security officers.

Only those personnel with picture identification station security badges and Nuclear Regulatory Commission (NRC) personnel are normally allowed access thru Checkpoint 2. Personnel without picture identification station security badges may be allowed access if a specific need to access the station is established, as determined by the Station Manager or designee. If a need for access is not established, access thru Checkpoint 2 shall be denied and these individuals shall be directed to the Crisis Management Security Director or Assistant Security Director at the Crisis Management Center for station access.

Normally, non-station Crisis Management Team members should not utilize Checkpoint 2 for entry into the station but should utilize Checkpoint 3 via the Crisis Management Center.

Identification of station personnel shall be made by personal recognition or by comparison to the picture identification station security badge logs maintained at Oconee. Identification of NRC personnel shall be made by verifying NRC identification (See Appendix K-3). The Station Manager or designee shall determine the necessity for a sign-in log at Checkpoint 2.

The S. E. Branch Road shall be closed to all traffic by securing the gate at the entrance on S.C. 183. Signs shall be placed on S.C. 183 and S.C. 130 informing all station employees to enter via the Intake Road.

CHECKPOINT 2A

In the event the Intake Road is closed due to weather conditions, construction or other considerations, the Intake Road shall be barricaded at the entrance on S.C. 183 and Checkpoint 2A shall be established at the entrance to the S.E. Branch Road on S.C. 183. Checkpoint 2A shall be manned by two nuclear security

officers. Access Controls at Checkpoint 2A (established in lieu of Checkpoint 2) shall be the same as those described for Checkpoint 2. Signs shall be placed on S.C. 183 and S.C. 130 informing all station employees to enter via the S.E. Branch Road.

CHECKPOINT 3

Located at the Owner-Controlled gate on the Main Entrance Road to the station, Checkpoint 3 shall be manned by one nuclear security officer. The purpose of this Checkpoint is to insure only those personnel with proper identification are allowed access and are directed to their appropriate destination in the station area.

CHECKPOINT 4

Located at the main entrance to the Technical Training Center, Checkpoint 4 shall be manned by one nuclear security officer. The officer shall allow access to only those personnel which have a green or red dot in the upper right hand corner of their Crisis Management identification cards, those personnel who have prior approval of the Security Director or Assistant Security Director, NRC or PIO personnel. News media personnel shall be directed to Checkpoint 5.

CHECKPOINT 5

Located at the Visitors' Center, Checkpoint 5 shall be manned by two nuclear security officers. In the event the Center is closed, one officer shall be positioned at the main entrance to the building and shall direct News Media personnel to their appropriate area on the upper level of the center. The other officer shall be positioned at the kitchen entrance on the lower level of the building and shall insure that only properly identified personnel are allowed access to the Crisis Management News Center (conference room). Both officers shall monitor the stairway to preclude unnecessary traffic between the upper and lower levels of the building.

K.5.a.3 ENTRY ASSISTANCE FOR EMERGENCY AND DELIVERY VEHICLES

Emergency vehicles and personnel (fire, medical, law enforcement) and personnel shall be allowed to enter all checkpoints without displaying any identification.

Delivery vehicles with cargo destined for the station area shall be accessed through Checkpoints 1 and 3 after the invoices/bill of lading has been checked or

a need for access has been established to insure it is a valid delivery. The drivers shall not be required to be registered or badged. The vehicles shall be directed to the appropriate location where normal station procedures shall apply.

K.5.a.4 ACCESS OF CRISIS/RECOVERY PERSONNEL

AUTHORITY TO GRANT ACCESS

The Station Manager or his designee shall authorize access of crisis/recovery support personnel into the station. Those designated by the Station Manager to authorize access include the Acting Station Manager, and Station Group Superintendents. Station section heads shall also have authority to authorize access.

COORDINATION

When it is necessary for crisis/recovery support personnel to enter the station, coordination for their entry shall be coordinated between the Station Manager or his designee and the appropriate manager in the Crisis Management Center. A chart depicting access to the station is contained in Appendix K-5, page 2 of 2. The appropriate station department shall provide a sponsor for these personnel. The Crisis Management Security Director or Assistant Security Director shall make final coordination for access with the Station Security Officer, Assistant Security Officer or their designees.

K.5.a.5 ACCESS PROCEDURES

Crisis/recovery support personnel shall be processed at the Crisis Management Central Processing Center and taken to the station where they will be met by their sponsor and shall be granted access through appropriate station entry procedures. Those personnel not cleared for unescorted access shall be escorted. Escorts shall be provided by the sponsoring station department.

K.5.a.6 INTERFACE WITH SOUTH CAROLINA LAW ENFORCEMENT DIVISION (SLED)

SLED AREA LIMITED ACCESS OPERATION

In the event of a crisis at the station, SLED shall, on order from the State, establish roadblocks on all roads/highways leading to the site. Three primary roadblocks and four secondary roadblocks shall be established as depicted in

Appendix K-6. The roadblocks shall be located at a distance of approximately 2 miles from the station and access to the area limited to only those who have a valid reason for entry.

SLED PASS/BADGE ACCESS SYSTEM

A block of vehicle passes/personnel badges shall be issued by SLED to the Station Crisis Management Director who shall establish accountability and issue control procedures. Examples of SLED vehicle passes and personnel badges are contained in Appendix K-7. Passes and badges will be preissued to station personnel who have been identified as being needed at the station in the event of a crisis.

A block of passes/badges shall also be issued by the station to the Crisis Management Accommodations Group Director for use by the Crisis Management Team. The remainder of the passes/badges shall be retained by the station for issuance to additional required personnel during the course of the crisis.

ROADBLOCK ACCESS PROCEDURES

Those personnel/vehicles with pre-issued passes/badges shall be allowed access to the area through all of the SLED roadblocks. Other personnel requiring access shall enter through one of 3 primary roadblocks located as follows:

1. Intersection of SC 183 and S 157
2. Intersection of SC 130 and S 38
3. Intersection of S 201 and SC 183

Crisis Management representatives shall obtain passes and badges from the station and shall be positioned at the 3 roadblocks to issue passes and badges to personnel required at the station. A log of all passes and badges issued shall be maintained. A sample SLED roadblock access log is shown in Appendix K-8. After the first 24 hour period of the crisis the pass and badge issue points may be consolidated into one point located at the State Emergency Operations Center located at the National Guard Armory, Seneca, S.C. Personnel to man the issue points at the roadblocks and later the EOC, shall be provided by the Administration Group of the Crisis Management Team.

COMMUNICATIONS

Communications between the Crisis Management Center and the SLED roadblocks shall be maintained through State EOC.

K.5.a.7 AUDIT PROCEDURE

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

K.6 MCGUIRE NUCLEAR STATION

K.6.a REQUIREMENTS FOR INITIAL CRISIS EVENT

K.6.a.1 MANPOWER REQUIREMENTS

Manpower needs shall be provided by the Manager, General Office Building Services. At minimum, the security force shall consist of three (3) uniformed security officers from the building security force.

Local law enforcement personnel may be used if circumstances dictate a need for their assistance.

K.6.a.2 CRISIS MANAGEMENT CENTER-ADMINISTRATION AND LOGISTICS GROUP

Upon the initiation of crisis event, the Crisis Management Security Director or his designee shall respond to the Administration and Logistics area located in Room 925 of the Wachovia Center, General Office, Charlotte, N. C. From this location the Security Director shall establish and maintain Checkpoints 1 and 2. During the crisis event, the Security Director shall have the authority and responsibility to direct security activities at Checkpoints 1 and 2 in addition to having overall responsibility for any other security activities deemed necessary by Crisis Management personnel. In addition, the Security Director shall contact the McGuire Assistant Station Security officer or his designee and request that Checkpoint 1 located at the intersection of the construction entrance and Highway 73 be established. The Security officer naming Checkpoint 1 shall provide general access control assistance and information to individuals attempting to access the station through checkpoint 1.

The Security Director shall be responsible for coordinating local law enforcement activities and coordinating contacts with the State Highway Patrol located with the State Emergency Team (SERT) at the Air National Guard Facility, Charlotte, N. C.

Should Crisis Management personnel decide to utilize Section K.6.b Potential Plan For Use During Site Recovery Efforts, the Security Director shall be responsible for the establishment of security checkpoints at the site.

K.6.a.3 IMPLEMENTATION OF CHECKPOINTS

Checkpoints 1 and 2 shall be established by building security personnel when the event is declared. The Crisis Management Security Director or his designee shall be responsible for the establishment of Checkpoints 1 and 2.

CHECKPOINT 1

Located on the 1st Floor of the Electric Center, General Office, Charlotte, N. C. the O. J. Miller auditorium shall be the Emergency News Center. Checkpoint 1 shall be established in the Electric Center lobby. Checkpoint 1 shall be manned by two (2) uniformed security force members. One (1) security officer shall be positioned at the main entrance door and one (1) security officer shall be positioned at the reception desk.

The primary function of the security officers located at Checkpoint 1 shall be to monitor personnel ingress into the Electric Center lobby and to prevent the media from accessing other areas of the Electric Center.

Prior to entry into the Emergency News Center, all media personnel shall be registered and badged to indicate media personnel. Security officers shall monitor the registration area and request identification of those individuals entering the Electric Center lobby who are not badged as Crisis Management or News Media personnel.

CHECKPOINT 2

Located on the 5th floor of the Power Building, General Office, Charlotte, N. C. the Corporate Communications Office area shall be the News Group Work Area. Checkpoint 2 shall be established in this area between rooms 5014 and 5022. Checkpoint 2 shall be manned by one (1) uniformed security officer.

The primary function of the Security officer located at Checkpoint 2 shall be to provide access control to the News Group Work area and to monitor general activities in the area. The Security Officer shall allow access to only those personnel who can identify themselves as Crisis Management personnel, Nuclear Regulatory Commission (NRC) personnel, State/County Public Information Officers (PIO's) and Duke Power Company officials and Duke Power Company employees whose normal work place is on the 5th floor.

K.6.b POTENTIAL PLAN FOR USE DURING SITE RECOVERY EFFORTS

K.6.b.1 MANPOWER REQUIREMENTS

Manpower needs shall be provided by security personnel at the site. At minimum the Security shall consist of nine (9) nuclear security force officers and one (1) nuclear security force sergeant per shift.

Local law enforcement personnel may be used if circumstances dictate a need for their assistance.

K.6.b.2 IMPLEMENTATION OF CHECKPOINTS

Checkpoints 1 and 2 shall be established by station security personnel when site recovery efforts are initiated. Remaining checkpoints shall be established as additional station security personnel become available. Checkpoints 1 and 2 will be augmented by local law enforcement personnel should traffic conditions dictate.

The Crisis Management Security Director shall be responsible for security within the owner controlled area. Appendices K-1 depicts the location of the checkpoints for McGuire. Supervision of the checkpoints shall be provided by a Nuclear Security Sergeant operating within his normal chain of command until the arrival of the Crisis Management Security Director or Assistant Director.

CHECKPOINT 1

Located at the intersection of the construction entrance of Highway 73, Checkpoint 1 shall be manned by two nuclear security officers.

Prior to establishment of the Central Processing Center, (Accommodations Registration) individuals with Crisis Management identification cards (See Appendix K-3) shall be allowed access through Checkpoint 1 and logged by security personnel (See Appendix K-4). News media personnel, excluding Public Information Officers (PIO's), shall not be allowed access until the Security Director or Assistant Security Director has been notified that the Crisis News Center is manned by Duke Power personnel. News media personnel shall be logged by the Checkpoint 1 security officer until the establishment of the Central Processing Center (News Media Registration).

In addition, key Crisis Management Personnel, Nuclear Regulatory Commission (NRC) personnel and Public Information Officers (PIO's) shall be allowed access through Checkpoint 1 without any registration requirements in order to expedite their entrance into the Crisis Management Center. The Checkpoint 1 security officer shall verify identification (See Appendix K-3) and log individuals using Appendix K-4. The log maintained by the Checkpoint 1 security officer shall be made available to Registration personnel upon request. Key Crisis Management personnel, NRC personnel, and and PIO's shall not be required to process through the Central Processing Center during the crisis.

When the Central Processing Center is established and operational, the Crisis Management Security Director or designee shall notify Checkpoint 1 and personnel shall no longer be logged (excluding key Crisis Management personnel, NCR personnel and PIO's). All personnel, except for the above listed exceptions, shall be directed to the Central Processing Center (Accommodations or News Media Registration) for registration before admittance shall be allowed. As stated previously the log shall be made available to Registration personnel upon request.

At the Central Processing Center, Crisis Management identification cards shall be marked with a colored dot (color to be determined by the Accommodations Group ~~Director~~ for each exercise or event) in the upper left hand corner to signify completion of registration. News media personnel shall be identified by a Duke Power Company News Media badge.

CHECKPOINT 2

Located at the Nuclear Production entrance road and Highway 73, Checkpoint 2 shall be manned, at minimum, by one nuclear security officer.

Only those personnel with picture identification station security badges and Nuclear Regulatory Commission (NRC) personnel are normally allowed access thru Checkpoint 2. Personnel without picture identification station security badges may be allowed access thru Checkpoint 2 if a specific need to access the station is established, as determined by the Station Manager or designee. If a specific need for access is not established, access thru Checkpoint 2 shall be denied and these individuals shall be directed to the Crisis Management Security Director or Assistant Security Director at the Crisis Management Center for station access.

Normally, non-station Crisis Management Team members should not utilize Checkpoint 2 for entry into the station but should utilize Checkpoint 6 via the Crisis Management Center.

Identification of station personnel shall be made by personal recognition or by comparison to the picture identification station security badge logs maintained at McGuire. Identification of NRC personnel shall be made by verifying NRC identification (See Appendix K-3).

The station manager or designee shall determine the necessity for a sign-in log at Checkpoint 2.

CHECKPOINT 3

Located at the Technical Training Center entrance road, Checkpoint 3 shall be manned, at minimum, by one nuclear security officer.

The security officer at Checkpoint 3 shall direct Crisis Management, News Media, PIO's and NRC personnel to the Crisis Management Center. All other personnel shall be directed to their appropriate area.

CHECKPOINT 4

Located at the main entrance to the Technical Training Center, Checkpoint 4 shall be manned, at minimum, by one nuclear security officer. The security officer shall allow access to only those personnel who have a green or red dot in the upper right hand corner of their Crisis Management identification cards, those personnel who have prior approval of the Crisis Management Security Director or Assistant Security Director, NRC, or PIO personnel. News media personnel shall be directed to Checkpoint 5.

CHECKPOINT 5

Located at the rear door of the Technical Training Center, Checkpoint 5 shall be manned, at minimum, by one nuclear security officer.

The Security officer shall allow access to only those Crisis Management personnel who have a green or red dot in the upper right hand corner of their Crisis Management identification cards, NRC, or PIO personnel. The security officer shall direct news media personnel to the Crisis NEWS Center (2nd Floor).

CHECKPOINT 6

Located at the construction access gate, Checkpoint 6 shall be manned, at minimum, by one nuclear security officer.

The security officer shall allow access to only Crisis Management personnel authorized by the Crisis Management Security Director.

K.6.b.3 ENTRY ASSISTANCE FOR EMERGENCY AND DELIVERY VEHICLE

Emergency vehicles and personnel (fire, medical law enforcement) shall be allowed to enter all checkpoints without displaying any identification. Delivery vehicles with cargo destined for the station protected area shall enter Checkpoint 2 after the invoices/bill of lading has been checked or a need for access has been established to insure it is a valid delivery. The driver shall not be required to be registered or badged. The vehicle shall be directed to the VAP (vehicle access portal) where station entry procedures shall apply. All other delivery vehicles shall enter Checkpoint 1, where an escort shall be provided by the Accommodations Group. The driver shall not be required to be registered or badged.

K.6.b.4 ACCESS OF CRISIS/RECOVERY PERSONNEL

AUTHORITY TO GRANT ACCESS

The Station Manager or his designee shall authorize access of crisis/recovery support personnel into the station. Those designated by the Station Manager to authorize access include the Acting Station Manager, and Station Group Superintendents.

COORDINATION

When it is necessary for crisis/recovery support personnel to enter the station, coordination for their entry shall be coordinated between the Station Manager or his designee and the appropriate manager in the Crisis Management Center. A chart depicting access to the station is contained in Appendix K-5, page 1 of 1. The appropriate station department shall provide a sponsor for these personnel. The Crisis Management Security Director or Assistant Security Director shall make final coordination for access with the Station Security Officer, Assistant Security Officer or their designees.

K.6.b.5 ACCESS PROCEDURES

Crisis/recovery support personnel shall be processed at the Central Processing Center and taken to the Crisis Management Center. Transportation will be provided at the Crisis Management Center to the Administration building for station access. Personnel shall be met by their sponsor and shall be granted access through appropriate station entry procedures. Those personnel not cleared for unescorted access shall be escorted. Escorts will be provided by the sponsoring station department.

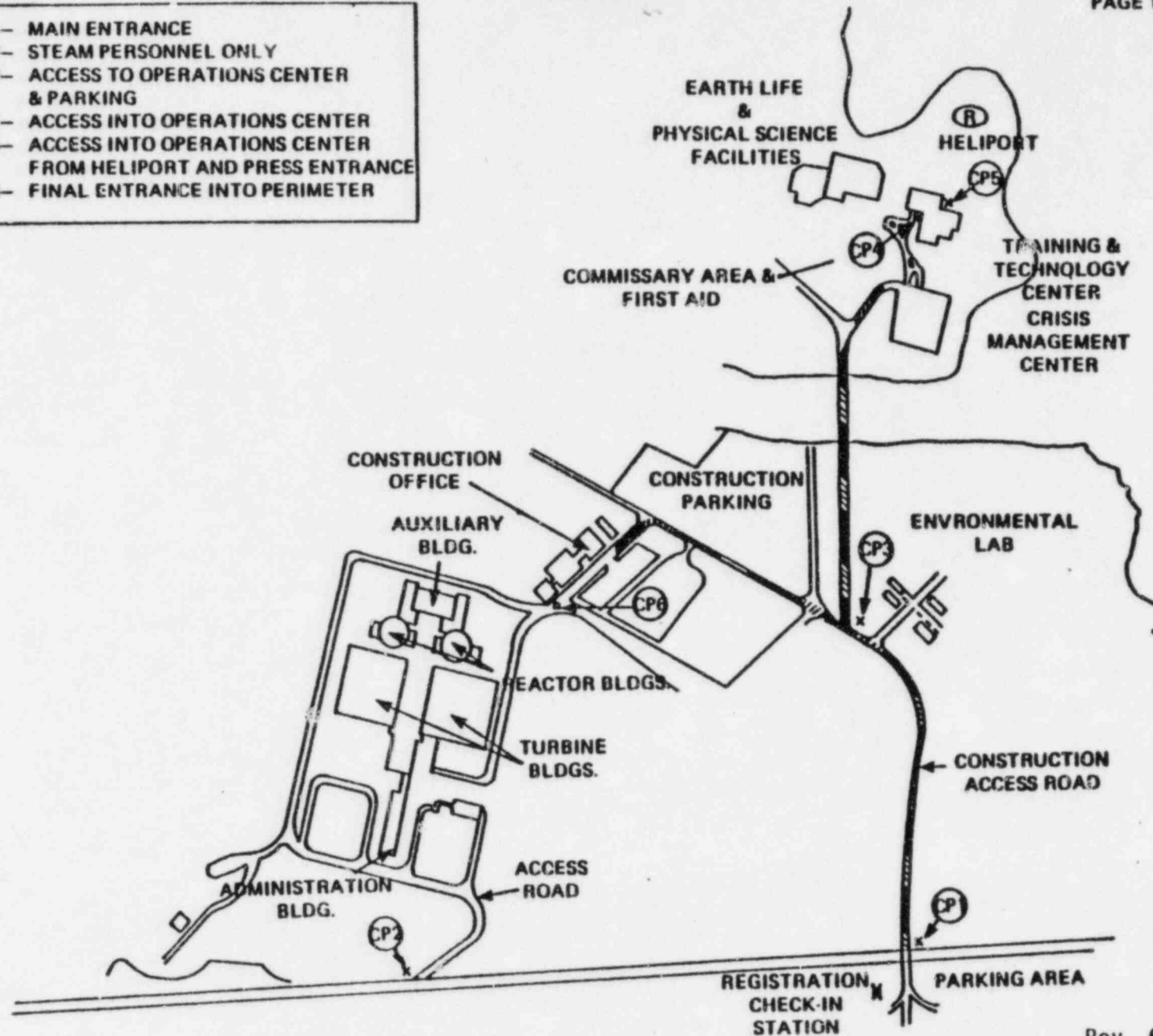
K.6.b.6 AUDIT PROCEDURE

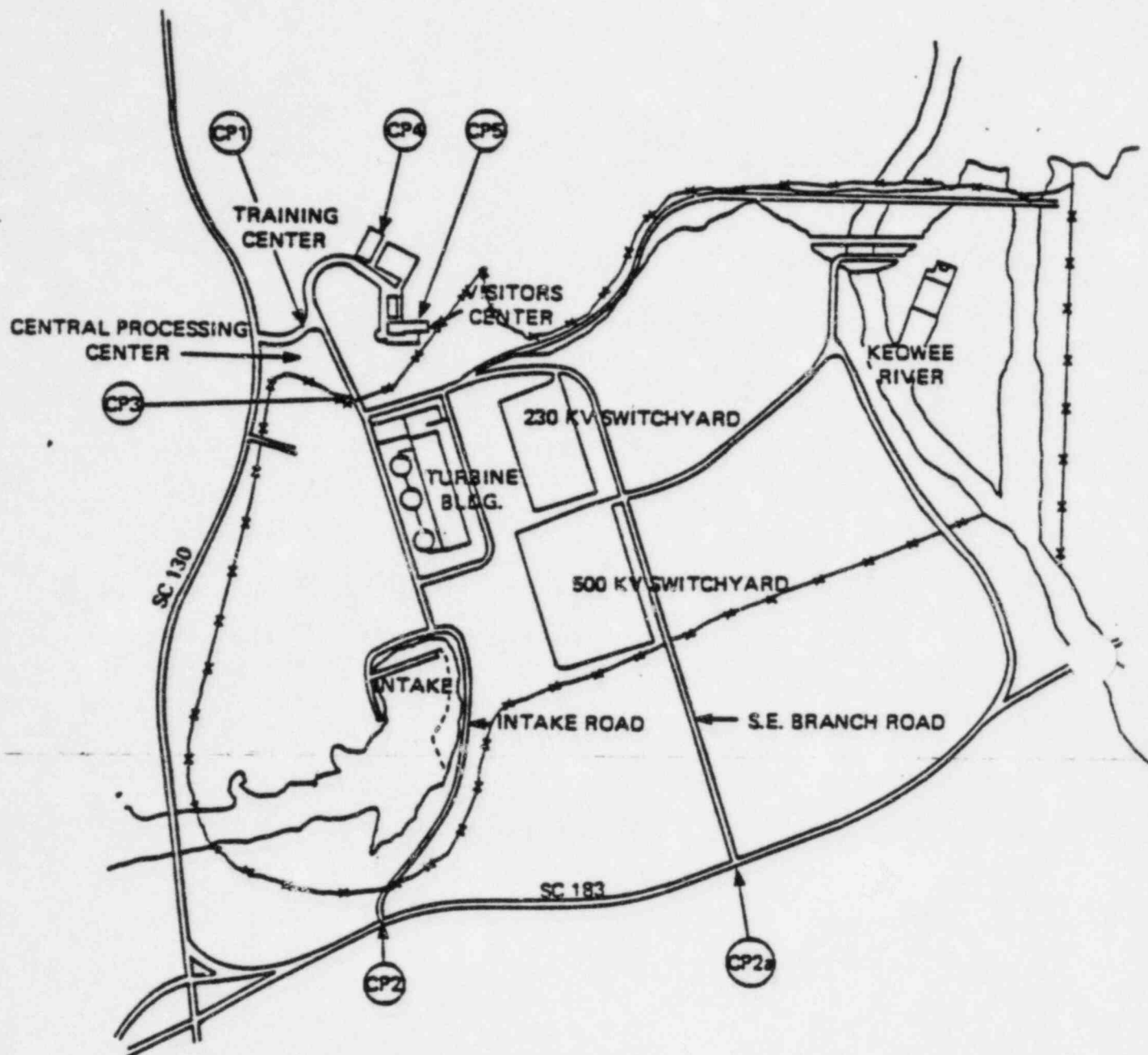
Information contained in this section shall be verified for accuracy in accordance with Section A.8 of this manual.

McGUIRE NUCLEAR STATION
CRISIS MANAGEMENT TEAM
SECURITY PLAN

APPENDIX K-1
PAGE 1 OF 1

- CP1- MAIN ENTRANCE
- CP2- STEAM PERSONNEL ONLY
- CP3- ACCESS TO OPERATIONS CENTER
& PARKING
- CP4- ACCESS INTO OPERATIONS CENTER
- CP5- ACCESS INTO OPERATIONS CENTER
FROM HELIPORT AND PRESS ENTRANCE
- CP6- FINAL ENTRANCE INTO PERIMETER






- CP1 - MAIN ENTRANCE
- CP2 - PLANT EMPLOYEES AND CONSTRUCTION ONLY
- CP2a - ALTERNATE FOR CP2
- CP3 - FINAL ENTRANCE TO STATION AREA
- CP4 - ACCESS TO CMC
- CP5 - ACCESS TO NEWS CENTER


OCONEE NUCLEAR STATION
CRISIS MANAGEMENT TEAM
SECURITY PLAN

COLORED DOT GREEN DOT

	EMPLOYEE NO. 701-21-0873	
	NAME John Robert Morehead, AM	
	DEPARTMENT/LOCATION Mill-Power Purchasing/G.O.	
	SOC. SEC. NO. 239-70-8266	DATE HIRED 6/1/72
	DATE ISSUED 9/28/80	EXPIRATION 4/30/83

- COLORED DOT IN UPPER LEFT CORNER SIGNIFIES PERSON HAS REGISTERED.
- GREEN DOT IN UPPER RIGHT CORNER ALLOWS ACCESS TO CRISIS MANAGEMENT CENTER.
- "CRISIS MANAGEMENT TEAM" STAMPED ACROSS CARD INDICATES A PERMANENT CARD.
- "TEMPORARY" STAMPED ACROSS CARD INDICATES A TEMPORARY CARD FOR THAT DRILL ONLY.

RED DOT

	NAME John Robert Morehead, AM	
	DEPARTMENT/LOCATION Mill-Power Purchasing/G.O.	
	SOC. SEC. NO. 239-70-8266	DATE HIRED 6/1/72
	DATE ISSUED 9/28/80	EXPIRATION 4/30/83

- RED DOT IN UPPER RIGHT CORNER INDICATES NO REGISTRATION REQUIRED.
- INDIVIDUALS WITH THIS I.D. TO BE ALLOWED EXPEDITIONS ENTRY THRU ALL CHECKPOINTS LEADING TO CRISIS MANAGEMENT CENTER.
- LOGGING OF INGRESS THRU CP1 IS REQUIRED.

RED DOT

NRC PICTURE ID

- RED DOT IN UPPER RIGHT CORNER INDICATES NO REGISTRATION REQUIRED.
- INDIVIDUALS WITH THIS I.D. TO BE ALLOWED EXPEDITIONS ENTRY THRU ALL CHECKPOINTS LEADING TO CRISIS MANAGEMENT CENTER.
- LOGGING OF INGRESS THRU CP1 IS REQUIRED.

RED DOT

STATE/COUNTY
PIO

PICTURE ID

- RED DOT IN UPPER RIGHT CORNER INDICATES NO REGISTRATION REQUIRED.
- INDIVIDUALS WITH THIS I.D. TO BE ALLOWED EXPEDITIONS ENTRY THRU ALL CHECKPOINTS LEADING TO CRISIS MANAGEMENT CENTER.
- LOGGING OF INGRESS THRU CP1 IS REQUIRED.

MEDIA

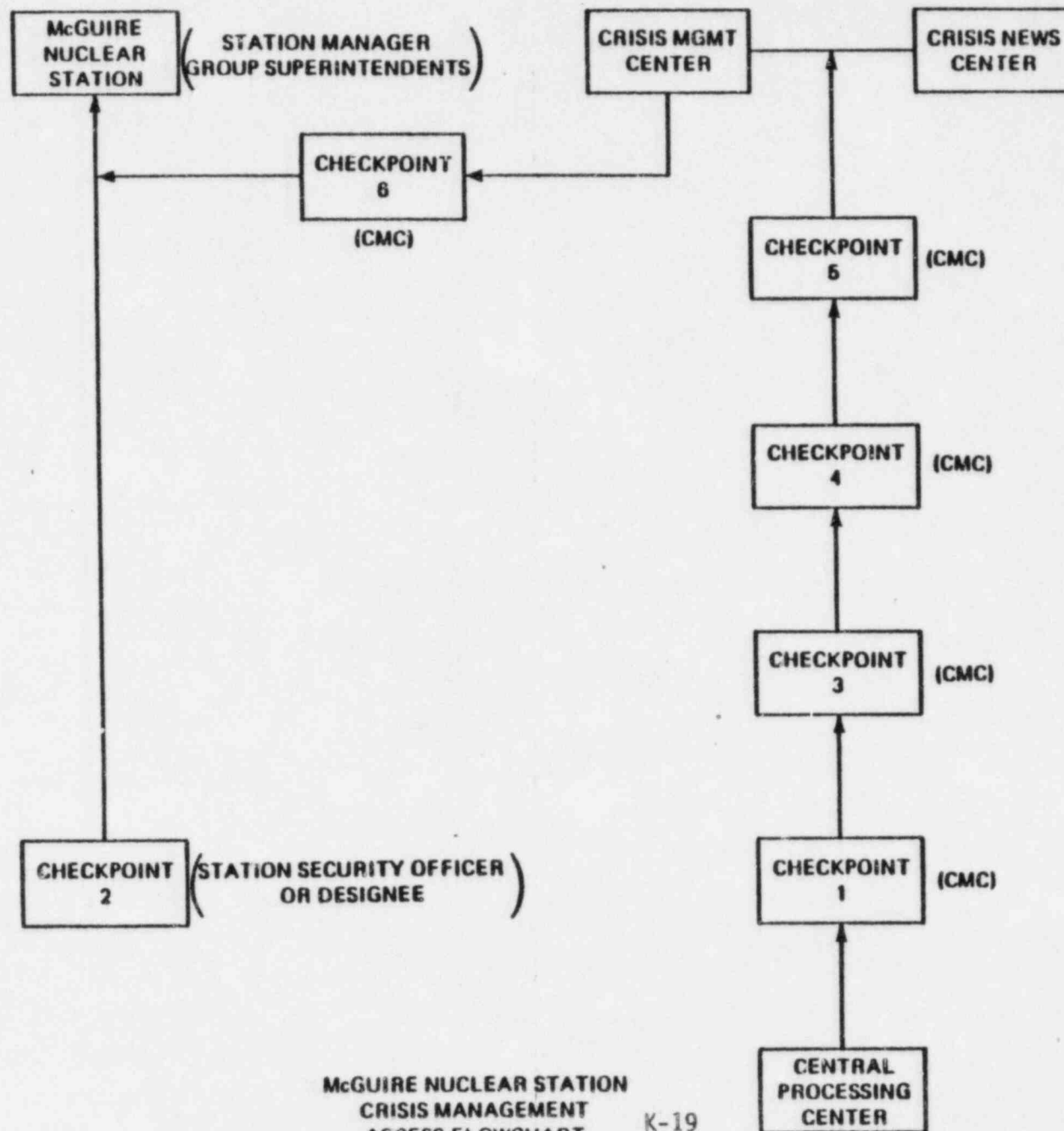
PICTURE ID

- INDICATES GENERAL MEDIA PERSONNEL.
- NOT ALLOWED INTO CRISIS MANAGEMENT CENTER WITHOUT ESCORT OR PRIOR APPROVAL OF NEWS MEDIA DIRECTOR.

CRISIS MANAGEMENT PERSONNEL LOG

CHECKPOINT NO. _____

[illegible]



McGUIRE NUCLEAR STATION
CRISIS MANAGEMENT
ACCESS FLOWCHART

K-19

Rev. 6
June 15, 1983

ACCESS AUTHORIZATION

CRISIS MANAGEMENT CENTER

RECOVERY MANAGER
ACTING RECOVERY MANAGER
CMC STAFF MANAGERS

STATION

STATION MANAGER
ACTING STATION MANAGER
GROUP SUPERINTENDENTS
SECTION HEADS

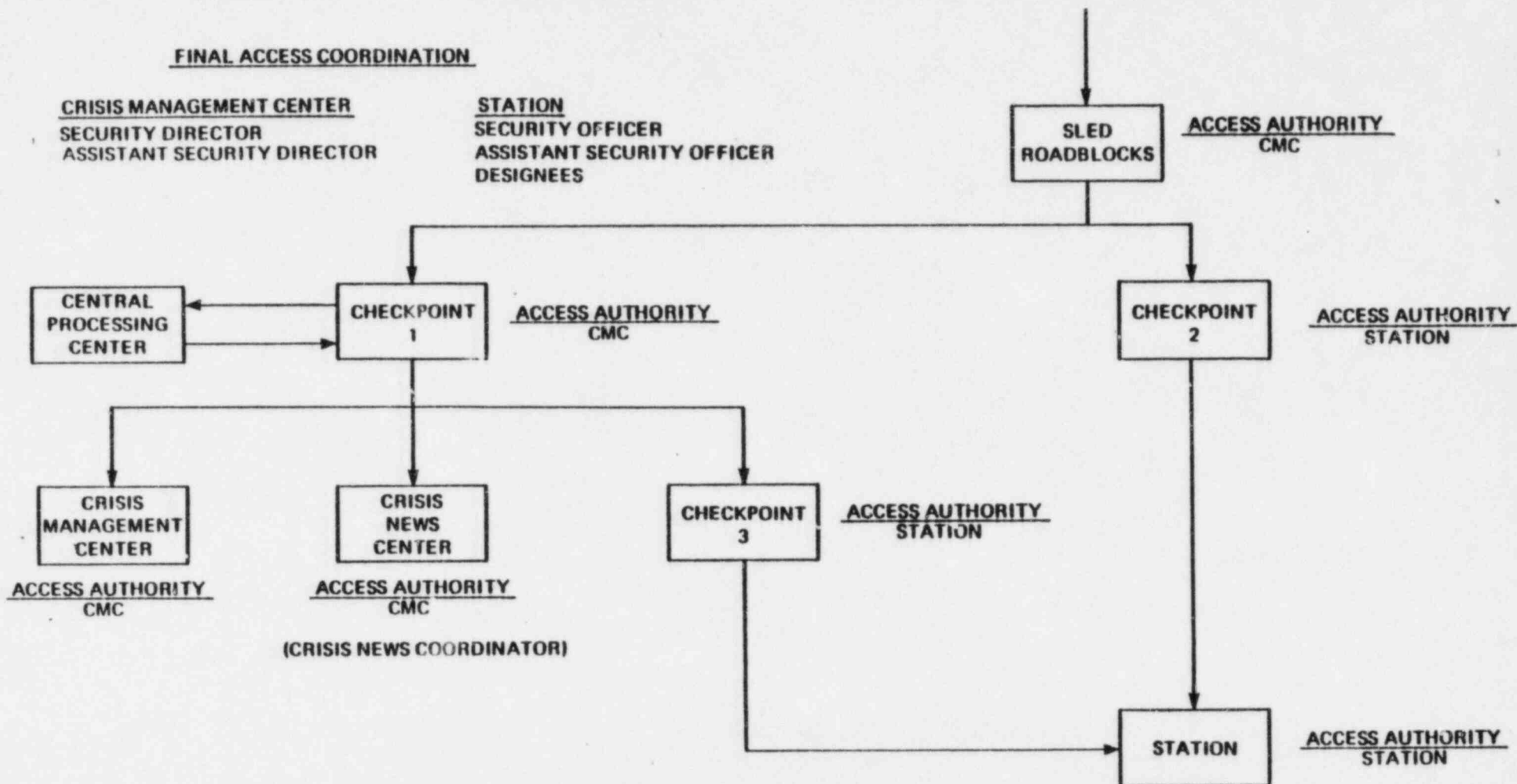
FINAL ACCESS COORDINATION

CRISIS MANAGEMENT CENTER

SECURITY DIRECTOR
ASSISTANT SECURITY DIRECTOR

STATION

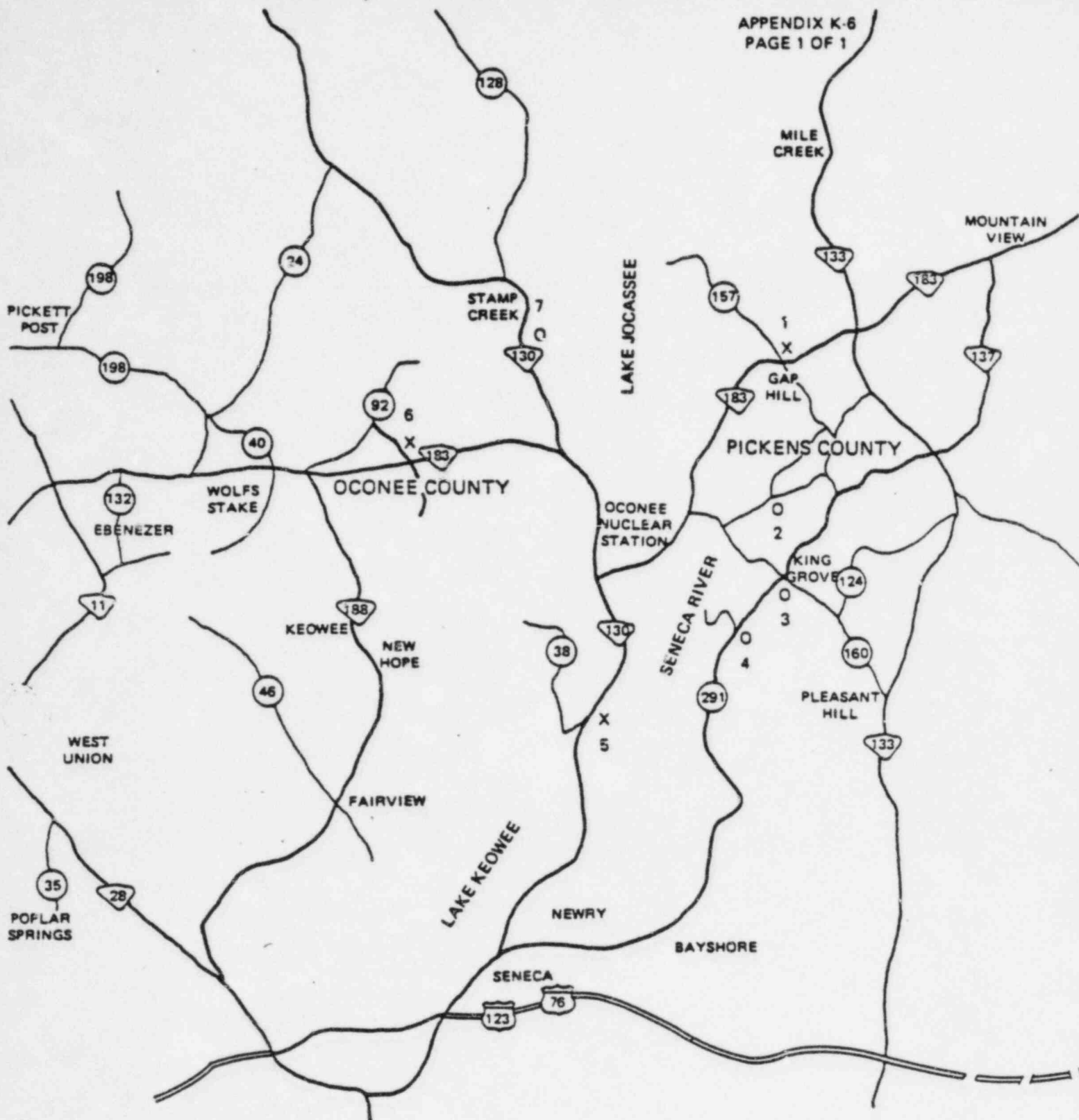
SECURITY OFFICER
ASSISTANT SECURITY OFFICER
DESIGNEES



OCONEE NUCLEAR STATION
CRISIS MANAGEMENT
ACCESS FL CHART

K-20

Rev. 6
June 15, 1983



SLED ROADBLOCK LOCATIONS

X - PRIMARY ROADBLOCK

O - SECONDARY ROADBLOCK

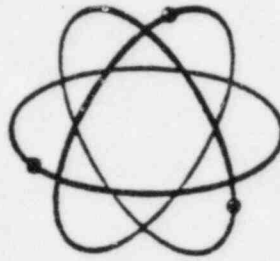
1. X - SC 183 & S157
2. O - DAN ROSS ROAD
3. O - S160 & S291
4. O - TOBY HILL ROAD & S291
5. X - SC 130 & S38
6. X - S201 & SC 138
7. O - SC 130 (SALEM AREA)

K-21

Rev. 6
June 15, 1983

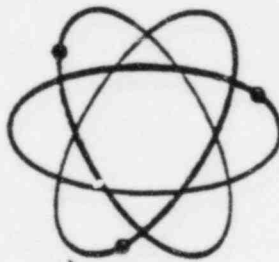
APPENDIX K-7
PAGE 1 OF 1

02001



SLED VEHICLE PASS

02004



SLED PERSONNEL BADGE

SLED ACCESS LOG
CIVILIAN POPULATION

[illegible]Rev. 6
June 15, 1983

L.0 INSURANCE DIRECTOR

L.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.

L.2 MAJOR FUNCTIONS

L.2.a Provides contact with insurance companies

L.2.b Assists insurance companies in data gathering

L.2.c Assists insurance companies in providing claims office for public

L.3 MEMBERS OF GROUP

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

L.3.a PRIMARY (DIRECTOR)

Doug House

L.3.b ALTERNATES

Laura Lawson

L.4 IMMEDIATE CONTACT WITH INSURANCE COMPANIES

Upon receiving the initial call from the Crisis Management Team, this group will make immediate contact with the insurance companies to report the existence of a crisis and then proceed to the site. Insurance Company names and numbers are shown in Appendix L-1.

L.5 ARRIVAL AT SITE

Upon arrival at the site, this group will re-establish contact with the insurance companies and report the current status of the 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.

L.6 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. In the event the insurance companies should dispatch an

investigative team, this group would work with the Accommodations Group to provide assistance in securing motel reservations.

L.7 CLAIMS OFFICE

In the event it became necessary to evacuate members of the general public, the insurance company would set up a claims office 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 Crisis News Group about its operation.

L.8 AUDIT PROCEDURES

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

Appendix L-1

INSURANCE COMPANIES

American Nuclear Insurers, Jack Harwood
The Exchange, Suite 245
270 Farmington Avenue
Farmington, Connecticut 06032
203/677-7305

Nuclear Mutual Limited
P. O. Box 2025
Hamilton, Bermuda
809/295-5447
809/294-2230 (Night)
Telex: 3674

Nuclear Electric Insurance Limited
P. O. Box 1262
Hamilton, Bermuda
809/295-3278
809/292-8247 (Night)
Telex: BA 3272

TRAINING MEETINGS

A general training meeting will be held in September each year which will include everyone on the Administration and Logistics Team.

Additional meetings will be held at least quarterly involving managers and assistant managers or managers, assistant managers and directors. Information obtained during these meetings will be transmitted throughout the Administration and Logistics Team by letters, copies of meeting minutes or small meetings within each group.

All meetings will be noted by the Administration Director.

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CRISIS MANAGEMENT PLAN

IMPLEMENTING PLANS

5.3.6 - Radiological Support Group

Rev. 7
Revision Number

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Date

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I. SCOPE

The Radiological Support Group is responsible for providing support to the Recovery Manager in matters relating to Health Physics, Radwaste, Chemistry, Dose Assessment, Field Monitoring, Lab Analysis, and Liaison with State Agencies.

The Group is divided into two sections. The Health Physics/Radwaste/Chemistry areas provide technical support to the station in analysis of problems that arise inplant. The offsite Radiological Coordinator reports to the Radiological Support Manager and is responsible for those necessary offsite activities/assessments.

The main objective of the Health Physics/Radwaste/Chemistry section (during the first few days) are to:

1. Retain and/or return radioactive liquids and gases involved in the incident to the containment building.
2. Take advantage of the radioactive decay process.
3. Keep contaminated surfaces wet.
4. Review all outside recommendations to protect plant from outside interference.

The Offsite Radiological Coordinator section of the Group is responsible for:

1. Determining projected and actual doses to the public.
2. Determine environmental affects of a release.
3. Advising the Radiological Coordinator of any recommendations for public protective actions in accordance with EPA PAGs.

II. FUNCTIONAL RESPONSIBILITY

The Radiological Support Group is displayed in Table 1. Table 2 lists the home and office telephone numbers for the group.

A. Radiological Support Manager

Reports to: Recovery Manager

Supervises: Health Physics, Chemistry, and Radwaste Staffs; Offsite Radiological Coordinator & Staff

Basic Function:

Coordinates the Health Physics, Chemistry and Radwaste and Offsite Assessment activities in support of the recovery effort.

Primary Responsibilities:

1. Direct the activities of the Health Physics, Chemistry, and Radwaste Staffs in the development and implementation of plans and procedures to minimize radiation exposure and off-site releases.
2. Assure the Health Physics, Chemistry, and Radwaste and Offsite Radiological Support Staffs are adequately staffed and equipped to respond in a timely fashion.
3. Assure that Health Physics, Chemistry, and Radwaste and Offsite Radiological Support specialists are available on a pre-planned basis for assisting the Station Technical Support personnel as required.
4. Approve schedules and priorities for tasks assigned to the Group.
5. Coordinate plans and schedules of tasks with appropriate managers of the recovery organization.
6. Provide information and recommendations to the Recovery Manager concerning future operations that could affect the plant or the environment.

Principal Working Relationships:

1. Nuclear Station Manager regarding dose control measures and implementation of plans to obtain samples and process liquid, gaseous and solid wastes, and to obtain data on plant waste systems status.

2. Technical Support Manager concerning review and approval of proposed modifications to procedures, systems, and equipment.
3. Design and Construction Support Manager concerning implementation of proposed modifications to systems and equipment.
4. Off-Site Radiological Coordinator concerning off-site sampling programs, dose assessments, and radiation protection programs.
5. Scheduling/Planning Manager regarding planned and scheduled activities of the Health Physics/Radwaste Group.

B. Resources Coordinator

Reports to: Radiological Support Manager

Basic Function:

To assist the Radiological Support Manager in all areas of responsibility and assure that Health Physics, Chemistry, and Radwaste activities are adequately staffed and equipped to respond in a timely fashion.

Primary Responsibilities:

1. Assist the Radiological Support Manager in the direction and scheduling of Health Physics, Radwaste, and Chemistry activities in support of recovery operations.
2. Obtain personnel and equipment as needed to assure an adequate and timely response to Health Physics, Radwaste, and Chemistry activities.

Primary Working Relationships:

1. Radiological Support Manager, Health Physics Coordinator, Radwaste Coordinator, and Chemistry Coordinator regarding personnel, equipment and supplies necessary to support recovery operations.
2. Administration and Logistics Manager regarding personnel, equipment, and supplies procurement and storage until needed.
3. Scheduling/Planning Manager regarding the implementation of Health Physics, Radwaste, and Chemistry activities.

C. Health Physics Coordinator

Reports to: Radiological Support Manager

Supervises: Health Physics Staff Personnel

Basic Functions:

Directs the Health Physics Staff in providing technical support and assistance to the Station Health Physicist concerning radiation protection aspects of the recovery operation.

Primary Responsibilities:

1. Participates as a member of the Radiological support group and directs the Health Physics staff in support of the recovery operations.
2. 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.
3. 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.
4. 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.
5. Provide technical support for resolution of technical problems related to the Health Physics aspects of the recovery operation.
6. 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.
7. 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.

8. 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.
9. 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.

Principal Work Relationships:

1. Station Health Physicist regarding radiation protection support and dose management.
2. Conceptual design group regarding shielding or equipment to be used in modifications.
3. Radwaste Coordinator regarding liquid, gaseous, and solid waste system processing, and decontamination plans.
4. Scheduling/Planning Manager regarding planned and scheduled activities involving personnel exposures to radiation and/or contamination.

D. Radwaste Coordinator

Reports to: Radiological Support Manager

Supervises: Radwaste Staff Personnel

Basic Function:

Responsible for the development of plans and procedures to quantitate *source term for potential effluent releases; for minimizing off-site effluent releases by developing plans and procedures to control liquid, gaseous, and solid waste processing; and for defining design requirements for any modifications or additional equipment necessary to facilitate waste processing in support of the recovery operation.

Primary Responsibilities:

1. Participate as a member of the Radiological support group and direct the radwaste staff in support of radwaste recovery operations.
2. Develop and assist with the implementation of plans and procedures for monitoring and quantitating off-site releases.

3. Develop and assist with the implementation of plans and procedures for processing liquid wastes to minimize off-site releases.
4. Develop and assist with the implementation of plans and procedures for storage and filtration of gaseous wastes to minimize off-site releases.
5. Develop and assist with the implementation of plans and procedures for solidification of liquid and slurry wastes and for solid waste disposal.
6. Recommend equipment and vendors for use in radiation monitoring and waste processing activities.
7. Provide manpower to receive and ship radioactive materials at the station.

Principal Working Relationships:

1. Off-site Radiological Coordinator and Station Health Physicist regarding the magnitude of off-site releases and affects of waste processing of off-site releases.
2. Technical Support Coordinator regarding technical and licensing feasibility of processing plants.
3. Station Radwaste Coordinator and Chemistry Coordinator regarding the feasibility of processing plans, status of radwaste processing including radwaste volumes.
4. Vendors regarding radwaste processing equipment and services and radiation monitors.
5. Scheduling/Planning Manager regarding any modifications to radwaste and radiation monitoring systems.
6. Health Physics Coordinator regarding specialized procedures or equipment to be used to reduce radiation exposures to personnel during radwaste sampling and processing.
7. Station Health Physicist regarding off-site shipments of radioactive wastes.

E. Chemistry Coordinator

Reports to: Radiological Support Manager

Supervises: Chemistry Staff Personnel

Basic Function:

Responsible for the development of plans and procedures to determine the extent of core damage that has occurred; to evaluate the types and quantities of fission products released to the containment in the liquid and gas phase; to determine the chemistry (dissolved gases, boron, and pH) of reactor coolant; to determine the containment hydrogen levels; and to reduce airborne radioactive iodine levels by chemical treatment.

Primary Responsibilities:

1. Participate as a member of the Radiological Support group and direct the chemistry staff in support of radwaste recovery operations.
2. Develop and assist with the implementation of plans and procedures for determining the extent of core damage.
3. Develop and assist with the implementation of plans and procedures to collect and analyze reactor coolant and reactor building sump samples.
4. Develop and assist with the implementation of plans and procedures to evaluate the results of analyses of reactor coolant and containment atmosphere samples for fission products, dissolved gas, boron, pH, and hydrogen content.
5. Develop and assist with the implementation of plans and procedures to reduce airborne radioactive iodine by chemical treatment.

Principal Working Relationships:

1. Station Chemist and Technical Support Manager regarding the extent of core damage.
2. Station Chemist and Radwaste Coordinator regarding collection and analysis of liquid samples.
3. Radwaste Coordinator and Station Health Physicist regarding collection and analysis of air samples.
4. Radwaste Coordinator regarding the feasibility of processing plans, status of radwaste processing including radwaste volumes.
5. Design and Construction Support personnel and Technical Support personnel regarding any modifications necessary to collect or analyze chemistry samples.

6. Station Operations Superintendent regarding chemistry and radio chemistry problems affecting operations.
7. Health Physics 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 Chemist and Health Physics Coordinator regarding chemicals and procedures to reduce airborne radioactive iodine levels.

F. Off-Site Radiological Coordinator

Reports to: Radiological Support Manager

Supervises: Off-Site Radiological Coordination Staff

Basic Functions:

Defines, directs, and coordinates efforts of staff, coordinates with State and local emergency control centers, and advises Radiological Support Manager with regard to off-site radiological conditions and need for emergency action offsite. Located at Crisis Management Center.

Primary Responsibilities:

1. Direct the activities of the Off-Site Radiological Coordination staff in the development of field monitoring strategies, sample collection and analyses requirements, dose projections, and protection recommendations.
2. Assure adequate staffing and resources to provide necessary support to Radiological Support Manager in off-site radiological matters.
3. Review staff results and recommendations and draw conclusions concerning off-site radiological conditions.
4. Advise Radiological Support Manager of existing and potential radiological conditions and recommend protective measures.

Principal Working Relationships:

1. Station Emergency Coordinator & Radiological Support Manager regarding status of defacto and potential releases, radiation levels, and plant status.
2. State and local emergency response centers.

3. Administration and Logistics Manager regarding personnel, equipment, and supplies procurement.
4. Scheduling/Planning Manager regarding coordination of plans and schedules of the Group with other functional groups.
5. NRC Advisory Support regarding off-site conditions.
6. Arrange for radiological surveillance by airborne monitoring teams.

G. Field Monitoring Coordinator

Reports to: Off-Site Radiological Coordinator

Supervises: Field Monitoring Crews

Basic Functions:

Directs efforts of crews to obtain required field measurements and environmental samples. Advises Off-Site Radiological Coordinator of results of field measurements. Located in Crisis Management Center and may travel to field or off-site analytical laboratory.

Primary Responsibilities:

1. Direct the activities of the field monitoring crews; implement monitoring strategies and sample collection requirements.
2. Assure adequate staffing and resources for field crews.
3. Review and compile field monitoring results and advise Off-Site Radiological Coordinator.

Principal Working Relationships:

1. Laboratory Analyses Coordinator regarding sample collection for analyses.
2. Dose Assessment Coordinator regarding monitoring results used to calculate doses and develop distribution maps.

H. Laboratory Analyses Coordinator

Reports to: Off-Site Radiological Coordinator

Supervises: Laboratory Technicians (2 people)

Basic Functions:

Directs the efforts of the laboratory staff to assure quality of and expedite sample analyses. Advises Dose Assessment Coordinator (primarily) and Off-Site Radiological Coordinator (secondarily) of results of laboratory analyses. Located at off-site analytical laboratory. In telephone or radio contact with Crisis Management Center.

Primary Responsibilities:

1. Direct the activities of the laboratory staff; assure implementation of analytical requirements.
2. Assure adequate staffing and resources for laboratory.
3. Review and compile laboratory results and advise Dose Assessment Coordinator (primarily) and Off-Site Radiological Coordinator (secondarily).

Principal Working Relationships:

1. Field Monitoring Coordinator regarding sample collection for analyses.
2. Dose Assessment Coordinator regarding laboratory results used to calculate doses and develop distribution maps.

Lab Analysis Group Operations:

The Laboratory Analyses Coordinator (LAC) will direct and coordinate the Environmental Radiological Laboratory (ERL), which will participate in the Crisis Management Plan by analyzing environmental samples for their radioactive content. The results of the analysis will indicate the quantity of radioactivity present in the sample by radionuclides and/or by gross alpha beta activity. As these results are obtained, they will be transmitted (by telephone or radio) to the Off-Site Radiological Coordinator and Dose Assessment Coordinator for use in determining the status of the environment.

In the event of an accident, the ERL would go to a 24-hour per day operation. There would be two 12-hour shifts with each shift manned by the LAC or his alternate, one of the two technicians regularly assigned to the ERL, and one additional technician supplied by the Environmental Chemistry Group. This setup would assure smooth and continuous operation of the ERL. There would also be alternate technicians available (from the Chemistry Group) if the need arises.

The ERL would receive its samples from the Field Monitoring Teams, either by company mail for low priority samples or by a courier dispatched to deliver high priority samples. The Field Monitoring Coordinator would have the responsibility of getting the samples to the ERL. Some of the sample types which could be received are ground water, surface water, drinking water, air particulate filters and iodine cartridges, vegetation, soil and milk. All liquid samples should be at least one gallon. Air volumes or meter readings off the air sampler should be included with any air filter/cartridge samples. Vegetation samples should contain approximately one kilogram (2 lb.) of vegetation. Soil samples should be able to fill a one liter bottle. All samples should be well labeled as to the collection, location, and time.

All samples received by the ERL will be gamma scanned using the Nuclear Data 6620 and GeLi detectors. High priority samples would be counted first depending on the urgency. Counting times for the gamma scan would vary according to the sample volume and its radiation level. The counting time for a sample could be as low as 10 minutes for a sample with a large volume and high activity in respect to natural radiation, to a couple of hours for a sample with a small volume and relatively low activity. Most samples can be gamma scanned without any special preparations. All that is required to transfer the sample to the proper counting configuration and follow the steps in procedure ER/O/B/4100/04 (Operation of the Nuclear Data 6600 Computer-Based Gamma Analysis System) in the control procedures for the ERL.

The gamma results, printed out by the Nuclear Data System, would indicate the quantity of each gamma emitting radionuclide present in the sample. These results could then be forwarded to the ORC or QAC.

Some samples would require gross alpha/beta and/or low level iodine analysis. These samples would have to be prepared for counting according to the procedures in the "Radiological Lab Procedure Manual". All samples which require alpha/beta analysis will be counted on the

alpha/beta counter. From the time the sample is received to the time the results could be obtained would require 8 to 20 hours, depending on the type of preparation needed for the sample.

A final report would be printed for each sample which would include sample location, sample type, collection date, all 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 ERL and a copy will be sent to the ORC for his use.

I. Dose Assessment Coordinator

Reports to: Off-Site Coordinator

Supervises: NA

Basic Functions:

Performs required dose calculations under direction of ORC and develops radioactive material (contamination) distribution maps. Advises Off-Site Radiological Coordinator of results. Located at the Crisis Management Center.

Primary Responsibilities:

1. Directs the efforts of one technician who assists 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 models.
3. Review and compiles results into a concise form and advises Off-Site Radiological Coordinator.

Principal Working Relationships:

1. Field Monitoring Coordinator regarding monitoring results.
2. Laboratory Analyses Coordinator regarding laboratory results.
3. General Office Meteorology Group regarding meteorological consultation and forecasts.
4. Design Engineering Radiation Analysis Group regarding dose calculation consultation.

General Description of Dose Assessment Group Operations

A. Nature & Scope

The Dose Assessment Coordinator and his assistant will be located at the Crisis Management Center (CMC) during the accident. His primary responsibility is to advise the Off-Site Radiological Coordinator of the doses to the population in the vicinity of the station during an accident. The Dose Assessment coordinator calculates the doses based on release data, meteorology, monitoring results and analytical results using dose calculation models.

B. Principal Working Relationships

In addition to reporting directly to the Off-Site Radiological Coordinator, the Dose Assessment Coordinator must interact with other groups to obtain the information he needs to perform his job. The four principal groups he will be interacting with during the emergency situation are the Field Monitoring Coordinator, the Laboratory Analyses Coordinator, the General Office Meteorology Group and the Design Engineering Radiation Analysis Group. From the Field Monitoring Coordinator, he will gather results of direct field radiation measurements being made during the emergency. The Laboratory Analysis Coordinator will provide him with all laboratory results. The Dose Assessment Coordinator will use the field measurements and laboratory results to confirm his dose calculations. The G.O. Groups (Meteorology and Design Engineering Radiation Analysis Groups) will be available for consultation as needed.

Emergency Actions and Response:

A. Notification of Personnel

In the event of a crisis, the Dose Assessment Coordinator will be manned as described in Table 2.

If the primary cannot be reached either at his office or at home, then the alternates should be contacted.

If the accident occurs after regular working hours, it is recommended that the ONS representative be contacted if the accident occurs at ONS. Similarly, if the accident occurs at MNS, then the MNS representative should be called. These people live closer to their respective stations and can be at the CMC faster than the others.

If the accident occurs at ONS and the ONS alternate cannot be reached, then anyone of the other three alternates can be called since they all live at approximately the same distance from ONS. However, it is recommended that if the emergency is at MNS and the MNS alternate cannot be reached, the G.O. alternates should be called because they live closer to MNS. Regardless of the situation or where it occurs, the primary will be called before any of the alternates are notified.

B. Dose Assessment Coordinator's Arrival at CMC
(Initial Evaluation)

It is expected that the initial evaluation of the magnitude of the release and the dose projections will be performed by station personnel.

As soon as the Dose Assessment Coordinator arrives, he should establish contact with the Off-Site Radiological Coordinator and with the other groups with whom he will be closely interacting to inform them of his arrival. He then should review the available information with the Acting Dose Assessment Coordinator.

As part of his initial evaluation of the accident, the Dose Assessment Coordinator should review the following information:

1. Date and time of accident
2. Class of emergency
3. Type of actual release (i.e., airborne, waterborne, surface spill) and estimated duration time
4. Estimate of quantity released or being released and height of release
5. Isotopic composition of material and relative quantities (i.e., noble gases, iodines and particulates)
6. Prevailing weather (i.e., wind velocity, direction, temperature, atmospheric stability data form of precipitation, if any)
7. Calculated dose rates and integrated doses from release
8. Estimate of any surface contamination
9. Emergency response actions underway (e.g., evacuation)
10. Recommended emergency actions including protective measures
11. Prognosis for worsening or termination of event based on plant information.

The initial review of the situation should be performed as quickly and efficiently as possible. After the initial review, the Dose Assessment Coordinator will be ready to assume his responsibilities and can take over the dose assessment role.

Table 5 will be updated every 30 to 60 minutes and provided to the ORC and the Scheduling/Planning Manager.

C. Dose Evaluation and Confirmatory Measurements

Once the Dose Assessment coordinator assumes his role, he will calculate the doses to the population in the vicinity of the station using the dose isopleths, release data and meteorology data. He will also use the field measurements to confirm his dose calculations. The method of dose assessment can be generally described in the following steps:

1. From the meteorological data available, choose proper overlays and sector.
2. Using release rate data, calculate doses and plot on maps.
3. Keep Off-Site Radiological Coordinator informed and up-to-the minute on all dose estimates.
4. Follow up dose estimates with environmental measurements.

All projected environmental doses/rates should have follow up field measurements made to confirm. Hence, extensive field measurements should be made continuously during the entire course of the emergency.

During the first several hours of the accident, it is expected that the Dose Assessment Coordinator (and his alternates) will work 12-hour workshifts until the emergency is under full control and the accident does not pose a threat to the population.

J. Special Assistance Coordinator

Functional Responsibilities:

Location/Background Requirements/Basic Function -

There will be two Special Assistance Coordinators (as a minimum) on each shift. One Special Assistance Coordinator will be located in the Crisis Management Center with the Off-Site Radiological Coordination Group, and the other is in the Recovery Manager's office. They work together to stay abreast of the Radiological and

Plant Operations status, respectively. Based on the information gathered, they are responsible for keeping the State/County agencies up-to-date.

The person filling this description shall have a solid Health Physics background, and be knowledgeable of the site location, personnel and surrounding area.

The basic function of the Special Assistance Coordinator will be to assist the Off-Site Radiological Coordinator (ORC) as an individual contributor on any matter which the ORC cannot handle due to priorities.

Responsibilities -

1. Assist the ORC through coordination with other groups to handle administrative task and technical needs. This could include such items as --
 - a) berthing, messing of ORC Group personnel
 - b) procurement of consumable supplies
 - c) arranging assistance/alteration for maintenance of equipment or facilities
2. Maintain contact with federal and state agencies (e.g., BRH-S.C., RPS-N.C., NRC, EPA, etc.) on environmental matters. Update State and Counties periodically (approx. 30 to 60 minutes) on the preformatted message sheet.
3. Be familiar with site facilities including location of CMC and ORC facilities.
4. Assure phones, furniture, necessary drawings, etc. are available on-site for ORC in case of emergency.
5. Be familiar with the local nuclear station environs, civil defense personnel, and established communications networks.
6. Respond to material/supply requirements for ORC group members that they are not responsible for providing in case of an emergency.
7. Work closely with ORC to assure smooth functioning of ORC Group on 24-hour basis.
8. Attend meetings for ORC which he cannot attend and be prepared to respond to needs of requirements requested of ORC Group.
9. Work on special projects assigned by ORC.
10. Perform other functions as assigned by ORC.

K. Radio Operator

Reports to: Field Monitoring Coordinator

Supervises: N/A

Function/Responsibilities:

This position provides radio communication support for the Off-Site Radiological Coordinator and his staff in the field and with supporting agencies.

L. Local Agency Liaison

Reports to: Off-Site Radiological Coordinator

Basic Functions:

Serves as company representative first at local Emergency Operations Center and then at State center, as required.

Primary Responsibilities:

1. Provides answers to local/state EOC staff regarding company-related questions.
2. Interprets information sent to EOC from Crisis Management Center.
3. Keeps ORC informed on EOC actions.

Principal Working Relationships:

1. State EOC staff regarding questions and information.
2. County EOC staff and agencies regarding questions and information.
3. Receives information updates on questions regarding plant status by contacting the Systems Analysis Coordinator in Technical Support. This person can be reached at numbers for Technical Support available in procedures 5.3.10 and 5.3.11.

III. GROUP ACTIVATION

A. Radiological Support Manager

Notification of an emergency or accident situation initiating the implementation of the overall Crisis Management Plan will be by the Manager of the Recovery Operation or by his designee.

B. Health Physics/Radwaste/Chemistry Section

Notification will be by the Radiological Support Manager and/or designee by using the call tree described in Table 3. Members of this section and their office and home phone numbers are included in the plan in Table 2.

Upon Notification of an emergency or accident situation and the Recovery Manager decides to activate the CMC at Oconee/McGuire/Catawba Nuclear Stations or the backup CMC at Oconee Nuclear Station, W. A. Haller, R. H. Charest, R. T. Simril, J. B. Sigmon, J. G. Weinbaum, R. C. Futrell and J. I. Wyant shall proceed to the specified CMC. All other personnel shall report to Wachovia Center WC-2390. J. E. Cole will assume the responsibilities of the Group Manager until the nearsite or backup CMC is activated.

The Station Health Physicist is the person designated for Health Physics/Radwaste Group personnel to obtain information about the incident (sequence of events, present status, apparent causes, etc.)

C. Offsite Radiological Coordinator and Group

The OSRC will be contacted by the Radiological Support Manager or designee. The OSRC will contact his section according to the call tree in Table 4. Table 2 lists the office and home phone numbers for members of this section.

Activation of the OSRC group will be in room 1222 of the Wachovia Center for McGuire and Catawba or at the Oconee Training Center, or the Liberty, South Carolina retail office for Oconee.

D. Message Format

Table 6 will be used to relay the emergency information. Information on this form will direct each individual to their duty station. It is the responsibility of the Off-Site Radiological Coordinator to direct his section's response appropriate to the incident.

E. Call Tree

The "call tree" for use in initiating the Group Plan is described in Tables 3 and 4. The person contacted by the Recovery Manager or his

designee will call the primary coordinator in each area and the alternate manager. The primary coordinators will contact their alternates. If the Radiological Support Manager is unable to reach a primary coordinator he will contact all of the alternates in that area.

IV. FACILITIES, EQUIPMENT, AND RESOURCES

A. Facilities - The Radiological Support Manager is located in the Crisis Management Center (location as specified by the Recovery Manager upon initial notification). This center is the headquarters of the Recovery Manager and his staff and from here all emergency and recovery activities will originate. The near-site and backup CMC for Oconee Nuclear Station are the Oconee Training Center and Liberty Retail Office, respectively. The CMC location for McGuire and Catawba Nuclear Stations is in the General Office. The Recovery Manager is in Room WC-1010. The Health Physics/Radwaste/Chemistry Section will operate out of Wachovia Center 2390. The Offsite Radiological Coordinator and his section will operate out of room WC-1222 for McGuire and Catawba and at the Oconee Training Center for Oconee.

B. Equipment and Resources

1. Communication

- a. Crisis Management Center - redundant two-way communications with the Emergency Operation Center, the Control Room, other appropriate off-site agencies and telephone.
- b. Alternate Crisis Management Center - Has some communications capability as described for Crisis Management Center.
- c. Support Group Personnel at Site - Telephone connections with Crisis Management Center and Alternate Crisis Management Center, and with the station.
- d. Personnel at General Office - Telephone, public or private.

2. Technical and Professional Personnel

a. Health Physics

(1) Coordinator - 1

(2) ALARA Planning/Engineering - 8

For HP Organization:

- (a) D. T. Parsons
- (b) 1 Vendor supplied engineer/professional

For Oconee:

- (a) D. Davidson
- (b) H. Smith
- (c) W. Stengel
- (d) J. Ferguson
- (e) R. Cole
- (f) 2 Vendor supplied engineer/professionals

For McGuire: (a) J. Ferguson
(b) D. Davidson
(c) H. Smith
(d) R. Cole
(e) G. Rawn
(f) 2 Vendor supplies engineers/
professionals

(3) Dosimetry Service - 9

- (a) 1 Technician Ocone or McGuire supplied
- (b) 3 Clerks Ocone or McGuire supplied
- (c) 2 Clerks Vendor supplied

(4) Training and Respiratory Fitting - 3

- (a) 3 Technicians Ocone or McGuire supplied

(5) Instrument Calibration (long term) - 2

- (a) 2 Technicians Ocone or McGuire supplied.

b. Radwaste

(1) Coordinator - 1

(2) Planning/Engineering - 3

For Ocone (a) D. L. Vaught
(b) M. G. Case
(c) M. S. Terrell

For McGuire (a) D. L. Vaught
(b) M. S. Terrell
(c) B. Wood

(3) Offsite Releases - 2

- (a) J. M. Stewart
- (b) H. J. Dameron
- (c) K. Jones

(4) Vendor Interfaces - 1

- (a) Vendor Representative

(5) Shipping/Receiving - 4

- (a) M. G. Kriss
- (b) C. F. Lan
- (c) 2 Technicians Ocone or McGuire supplied

c. Chemistry

- (1) Coordinator - 1
- (2) Sample Collection - 10
 - (a) 10 Technicians Ocone or McGuire supplied
 - (b) 5 alternates: P. W. Downing
C. L. Hathcock
W. M. Funderburke
S. Biswas
T. P. Lee
- (3) Data Evaluation - 3
 - (a) W. H. Rasin
 - (b) 1 Westinghouse representative for McGuire
 - (c) 1 B&W representative for Ocone
- (4) Special Projects - 5
 - (a) W. M. Funderburke
 - (b) C. L. Hathcock
 - (c) J. C. Morcock
 - (d) P. W. Downing
 - (e) S. Biswas
 - (f) T. P. Lee

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

4. HP/Radwaste Emergency Kits

HP/Radwaste Emergency Kits are located in Room 2384 of Wachovia Center. Should the near-site CMC be activated, these kits will be delivered to the CMC by the Administration and Logistics Group. Contact personnel will be R. B. Baker and C. F. Lan in HP/Radwaste and S. M. Kessler in Administration and Logistics.

V. LONG RANGE RECOVERY FUNCTIONS

As described in Table M-1 of the Crisis Management Plan, the Radiological Support 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.

VI. PROCEDURE REFERENCE

The following procedures are carried out by the referenced coordinators during an incident:

Special Assistance Coordinator

- 5.3.12 - "Initial and Followup Emergency Messages - Oconee"
- 5.3.13 - "Initial and Followup Emergency Messages - McGuire"

Field Monitoring Coordinator

- 5.3.14 "Crisis Management Center Environmental Monitoring For Emergency Conditions Within The Ten Mile Radius of McGuire Nuclear Station"
- 5.3.15 "Crisis Management Procedure - Environmental Monitoring - Oconee Nuclear Station"

Dose Assessment Coordinator

Oconee Procedures: HP/O/B/1009/10
HP/O/B/1009/11
HP/O/B/1009/14
HP/O/B/1009/15

McGuire Procedures: HP/O/B/1009/02
HP/O/B/1009/06
HP/O/B/1009/08
HP/O/B/1009/09
HP/O/B/1009/10

TABLE 1
RADIOLOGICAL SUPPORT GROUP

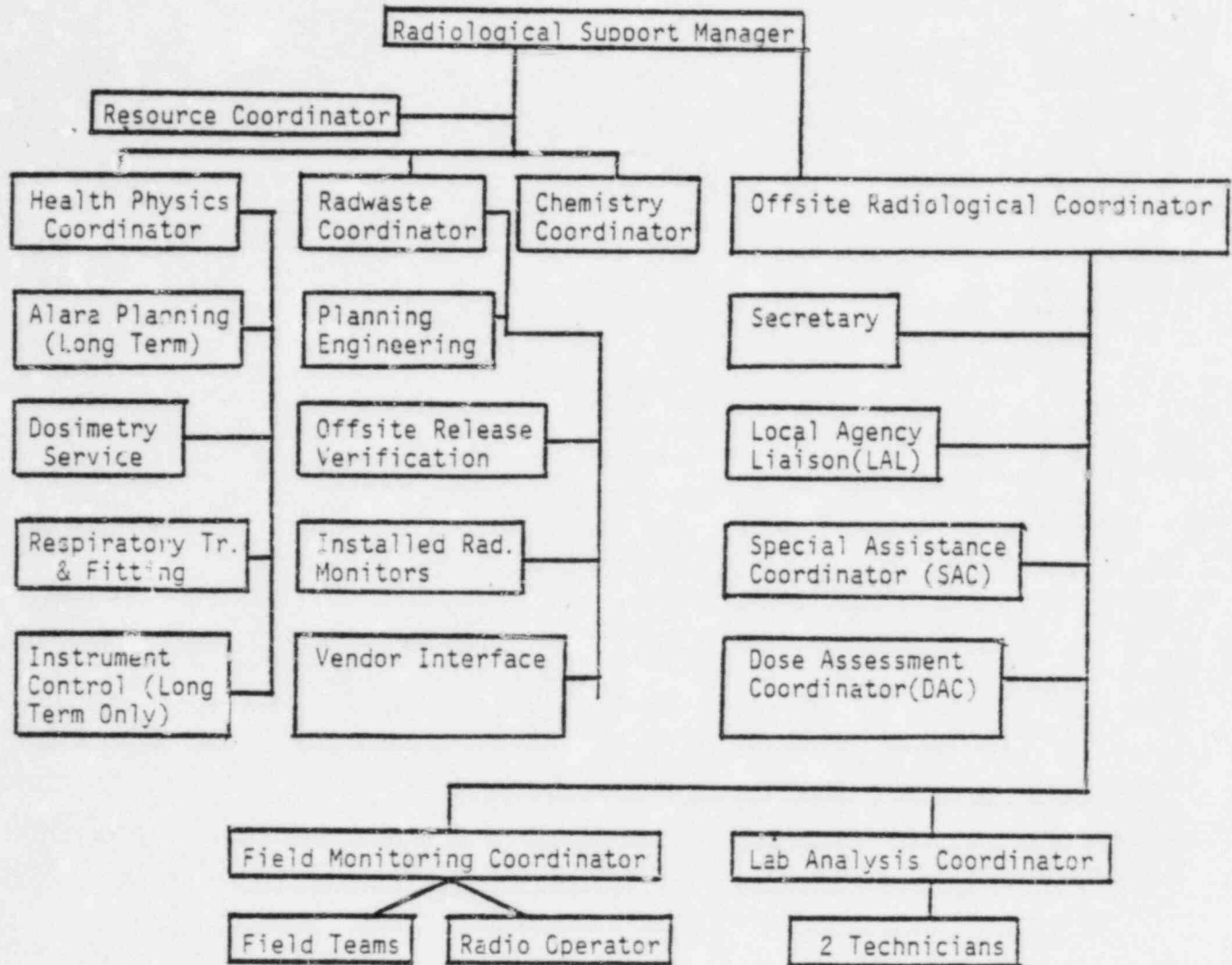


TABLE 2

RADIOLOGICAL SUPPORT GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Manager	W. A. Haller		
	R. C. Futrell		
	L. Lewis		
	R. T. Simril		
	J. E. Cole		
Resource Coordinator	J. I. Wyant		
	R. B. Baker		
	J. C. Wimbish		
	J. B. Sigmon		
Health Physics Coordinator	C. L. Thames		
	D. T. Parsons		
	J. G. Weinbaum		
	R. L. Clemmer		
Radwaste Coordinator	M. L. Birch		
	D. L. Vaught		
	R. M. Propst		
	W. Neuman		
	H. J. Dameron		
	M. S. Terrell		
	C. F. Lan		
	J. M. Stewart		
Chemistry Coordinator	R. W. Eaker		
	S. Biswas		

TABLE 2 (cont'd)

RADIOLOGICAL SUPPORT GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Chemistry Coordinator (cont.)	P. W. Downing		
	W. M. Funderburke		
	R. H. Charest		
Off-Site Radiological Coordinator			
Primary:	L. Lewis (All)		
Alternates:	W. P. Deal (MNS or ONS)		
	M. S. Tuckman (MNS or ONS)		
	C. T. Yongue (MNS or CNS)		
	T. J. Keane (ONS or CNS)		
Field Monitoring Coordinator			
Primary:	J. J. Sevic (Oconee)		
	J. R. Leonard (McGuire)		
	C. V. Wray (Catawba)		
Alternates:	C. V. Wray (ONS or MNS)		
	J. R. Leonard (ONS or CNS)		
	J. J. Sevic (MNS or CNS)		
Laboratory Analyses Coordinator			
Primary:	J. S. Isaacson (All)		

TABLE 2 (cont'd)

RADIOLOGICAL SUPPORT GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Alternates:	G. T. Mode (ONS or MNS)		
	W. F. Byrum (ONS or CNS)		
Technicians:	B. A. Broadway (All)		
	C. W. Kinsey (All)		
Dose Assessment Coordinator			
Primary:	R. E. Sorber (All)		
Alternates:	D. J. Berkshire (MNS or CNS)		
	H. D. Brewer (All)		
	G. L. Courtney (MNS or ONS)		
	S. A. Coy (MNS or CNS)		
	C. L. Harlin (MNS or CNS)		
	F. G. Hudson (All)		
	R. D. Kinard (MNS or ONS)		
	W. B. McRee (ONS or CNS)		
	C. C. Mauney (ONS or CNS)		
	P. N. McNamara (ONS or MNS)		

NOTE: Each shift requires 3 dose assessment staff members.

TABLE 2 (cont'd)

RADIOLOGICAL SUPPORT GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Consultants:	S. T. Apple (A11)		
	M. A. Casper (A11)		
Special Assistance Coordinator			
	J. W. Cox (ONS or MNS)		
	M. Sample (ONS or CNS)		
	F. N. Mack (ONS or MNS)		
	E. Estep (ONS or CNS)		
	R. T. Bond (MNS or CNS)		
Radio Operator			
Primary:	R. L. Rivard (ONS or MNS)		
	S. E. Foreman (ONS or CNS)		
Alternates:	P. W. Sturgis (ONS or MNS)		
	F. D. Theriault (ONS or MNS)		
	G. Sain (MNS or CNS)		
	J. Head (MNS or CNS)		
	S. E. LeRoy (ONS or CNS)		
	D. E. Sexton		

TABLE 2 (cont'd)

RADIOLOGICAL SUPPORT GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
-----------------	-------------	-----------------------	-------------------

	G. M. Harrison (ONS or CNS)		
--	--------------------------------	--	--

Local Agency Liaison

Primary:	R. N. Casler (A11)		
----------	-----------------------	--	--

Alternates:	C. A. Majure (A11)		
-------------	-----------------------	--	--

	R. E. Harris (A11)		
--	-----------------------	--	--

	D. Patterson (A11)		
--	-----------------------	--	--

SERT (State Emergency Response Team)Civil Air Patrol (111th Air Rescue Squad)

	Lt. Eric Karnes		
	Lt. Eric Karnes (ALERT-BEEPER)		

	Airport		
--	---------	--	--

WATS OperatorREACTS

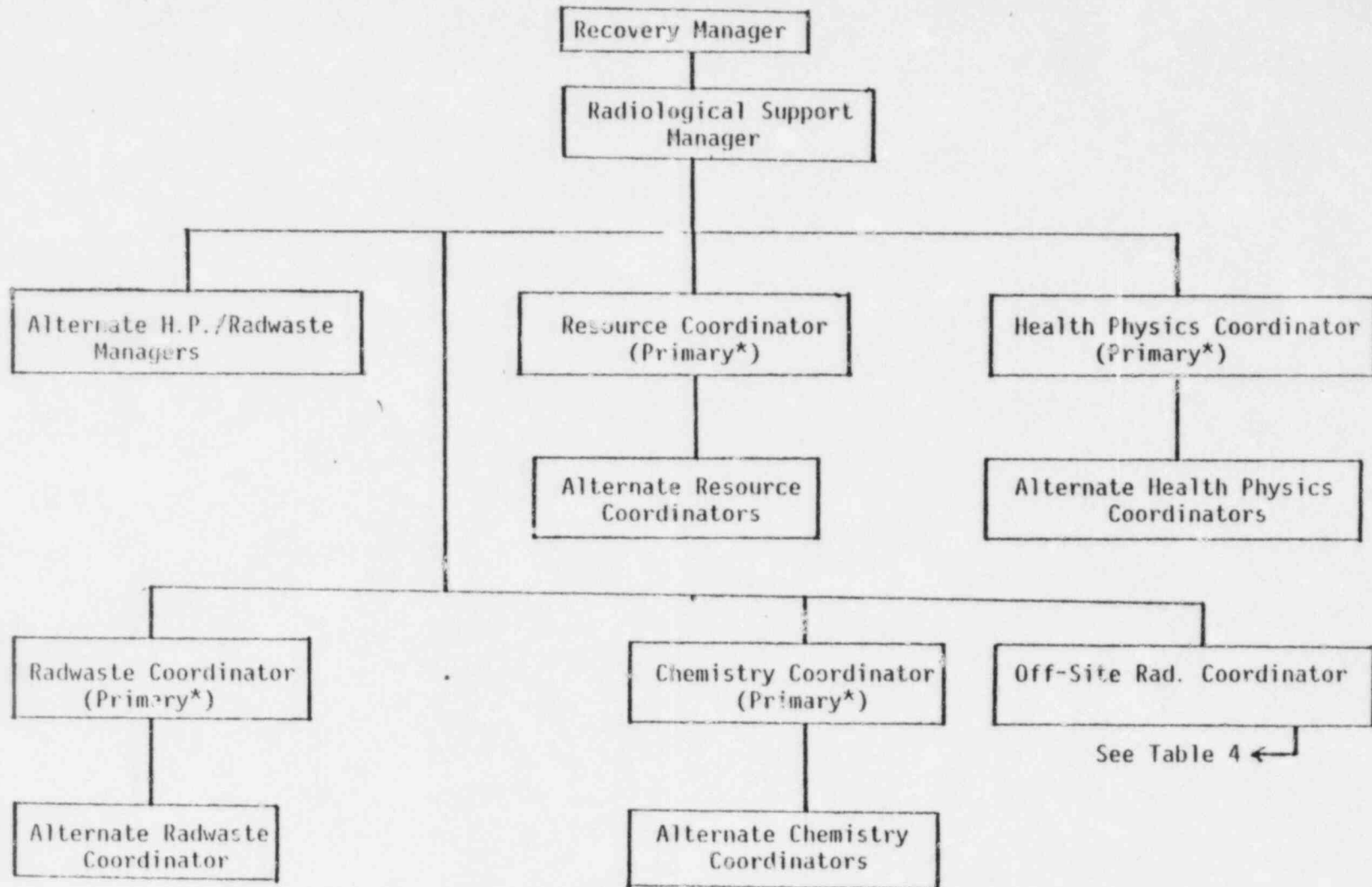
	Karl Hubner		
--	-------------	--	--

	To obtain helicopter(s) for emergency service contact:		
--	--	--	--

- | | | | |
|----|-----------------|--|--|
| 1. | D. M. Staggs | | |
| 2. | L. W. Johnson | | |
| 3. | L. M. Whisonant | | |
| 4. | B. A. Turpin | | |

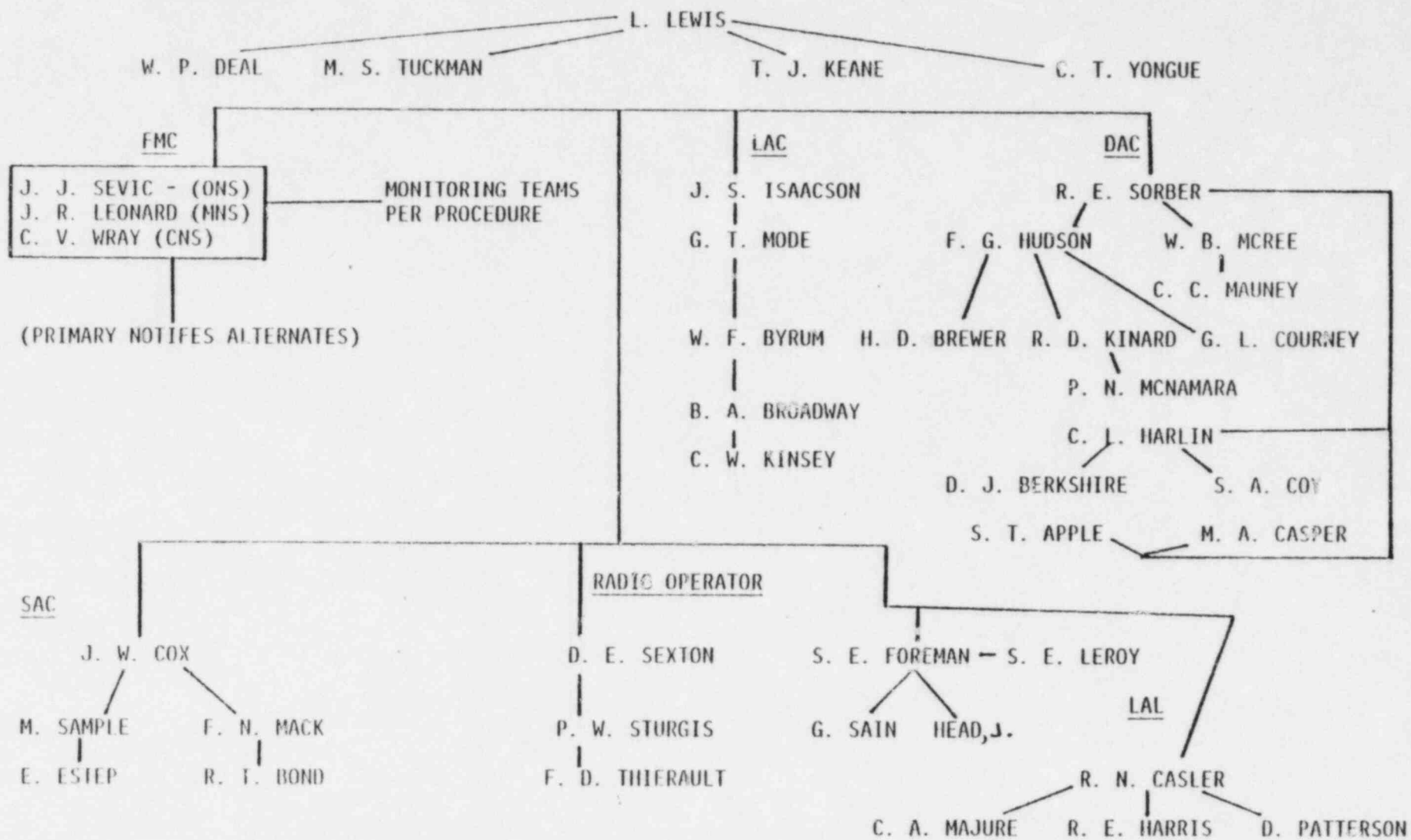
	These contacts are in Duke Power Company Transmission Department, Line Division.		
--	--	--	--

TABLE 3 - H.P./RADWASTE/CHEMISTRY "CALL TREE"



*The Health Physics/Radwaste Manager will attempt to contact the primary Coordinators, who will then contact the alternates for their position. If the primary coordinators cannot be reached, the Health Physics/Radwaste Manager will contact all of the alternates in that area.

TABLE 4 OFF-SITE RADIOLOGICAL COORDINATOR "CALL TREE"



DUKE POWER COMPANY CRISIS MANAGEMENT PLAN OFFSITE DOSE REPORT

Report prepared by: _____ Date/Time Report Prepared: _____ / _____

Meteorology

Wind Speed _____ mph Wind Direction (from) _____ * (ONS) River Wind Direction (from) _____ *
 Vertical Temp. Diff. _____ *F/100 ft (ONS) _____ *C/100 ft (MNS) Plume Direction(s) _____ *
 Stability Class (Circle): A B C D E F Precipitation _____ Temperature _____

Source Term

Time _____ Gross Mass (Noble Gas) _____ Iodine _____
 Cont. Rad. Monitor _____ R/hr
 Cont. Sample _____ uCi/ml E _____ MeV/Dis. _____ uCi/ml I-131 eq.
 Unit Vent _____ uCi/ml E _____ MeV/Dis. _____ uCi/ml I-131 eq. _____ flow rate cfm
 Other _____

Dose Protections

	Site Boundary	2 mi	5 mi	10 mi
Projected 2 hr. dose (rem) based upon Design Leak Rate	W.B. _____ Child Thyroid _____	_____	_____	_____
Calculated 2 hr. dose (rem) based upon unit vent release	W.B. _____ Child Thyroid _____	_____	_____	_____
Max. 2 hr. dose (rem) with Containment Failure	W.B. _____ Child Thyroid _____	_____	_____	_____
Other (Specify) _____	W.B. _____ Child Thyroid _____	_____	_____	_____

FIELD MONITORING DATA

Points monitored since last update:

Point	Distance	Direction	2-Hour Dose Commitment (rem)		Surface Contamination dpm/100 cm ²	Point	Distance	Direction	2-Hour Dose Commitment (rem)		Surface Contamination dpm/100 cm ²
			W.B.	Child Thyroid					W.B.	Child Thyroid	
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Helicopter tracking of plume (comments) _____

AFFECTED ZONES: (Check appropriate boxes)

Zone	for ONS for MNS	A1	B1	C1	D1	E1	F1	A2	B2	C2	D2	E2	F2	M	N	O	P	Q	R	S	T	U	V
		A	B	C	D	E	F	G	H	I	J	K	L										
Potential 2-hr dose exceeds	Child 1.5 Adult 5.25																						
Actual 2-hr dose exceeds	Child 1.5 Adult 5.25																						

Zones potentially affected by plume: _____ Time _____
 Zones actually affected by plume: _____
 Zones asked to be evacuated: _____
 Zones actually evacuated: _____

Stations/Countries Notified	Time	Message
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Table 5

TABLE 6

CRISIS MANAGEMENT ORGANIZATION (CMO)
EMERGENCY ACTIVATION MESSAGE

The Nuclear Production Duty Engineer is contacted by the Nuclear Station in an emergency with information as shown in Figure 5-4. The Duty Engineer contacts the Recovery Manager with that information. If the CMO is to be activated, the Duty Engineer uses this format to contact at least one person from each group shown in Figure B-12 of the Crisis Management Plan. Each group in the CMO uses this format to alert its members.

Your name _____

Person who contacted you _____ Your Group _____

Persons you contacted with this message _____

_____. (If Any)

Message Format

1. This is _____ (caller's name).
2. I am notifying you of a drill/actual emergency at _____ Nuclear Station, Unit No. _____.
3. At this time the class of emergency is:

	Alert
	Site Area Emergency
	General Emergency
4. You are to activate your portion of the Crisis Management Organization and have them report to:

	the Charlotte General Office
	the Oconee Training Center
	the Liberty Retail Office
5. Specific Instructions (if any) _____

6. Please return a copy of this completed format to the Emergency Response Coordinator.

TABLE 7

HEALTH PHYSICS/RADWASTE/CHEMISTRY SECTION GROUP PHONES

Room 2390

(Speaker Phone)

Room 1010 - MNS/CNS
Recovery Manager's Office

Oconee Training Center

OFF-SITE RADIOLOGICAL COORDINATOR SECTION PHONES

WC-1222

Oconee Training Center

or ext.
switchboard

~~off of station~~

Crisis Management Plan

Implementing Plans

5.3.7 - Technical Support Group

Rev. 6
Revision Number

June 15, 1983
Date

5.3.7 - Technical Support Group

Table of Contents

- I. Scope
- II. Functional Responsibility
 - A. Technical Support Manager
 - B. Staff Support
 - C. Administrative Supervisor
 - D. Data Coordinator
 - E. Licensing Support Coordinator
 - F. Systems Analysis Coordinator
 - G. Core Physics Coordinator
- III. Technical Support Group Activation
- IV. Emergency Facilities - Equipment and Resources
- V. Implementation of Facility and Equipment
- VI. Long Range Recovery Functions
- VII. Emergency Conclusion

I. SCOPE

The Technical Support Group provides support to the Recovery Manager in matters relating to maintenance, licensing, core analysis, and systems analysis.

II. FUNCTIONAL RESPONSIBILITY

A. TECHNICAL SUPPORT MANAGER

Reports To: Recovery Manager

Supervises: Technical Support Staff functions of System Analysis, Core Physics Support, Licensing Support, Procedures Support and the Data Facility. (See Figure 5)

Basic Functions:

He is responsible for analysis and the development of plans and procedures in direct support of Operations personnel with the objective of taking the plant to a safe shutdown condition in a manner which minimizes the effect on the health and safety of the public.

He provides a central facility for the collection, retention, retrieval, and transmitting of plant and local environmental parameters.

Primary Responsibilities:

1. Analyze conditions and develop guidance for shift operations personnel on protection of the core.
2. Develop out-of-normal operation and emergency procedures in direct support of shift operations personnel.
3. Provide a central facility for the collection, retention, retrieval, and transmitting of plant and local environmental parameters.
4. Resolve questions concerning licensing requirements with NRC representatives.

Principle Working Relationships:

1. Superintendent of Operations regarding implementation of emergency plans and procedures.
2. Emergency Coordinator regarding any plant manipulations that might affect off-site doses.
3. Waste Systems Radiation Control Manager regarding any plant manipulations that might affect in-plant radiation or waste inventory levels.
4. Scheduling and Planning Manager regarding planned and scheduled activities of the Technical Support Group.

B. STAFF SUPPORT

Reports To: Technical Support Manager

Supervises: N/A

Basic Functions:

Planning, scheduling, and directing internal to the Technical Support Group.

Primary Responsibilities:

Planning, scheduling and directing assignments made within the Technical Support Organization as required.

Principle Working Relationships:

1. Technical Support Manager regarding critical technical problem assignments.
2. All Technical Support Group Coordinators/Supervisors regarding planning, scheduling and directing assignments within the Technical Support Group.
3. Scheduling/Planning Manager regarding the scheduling of Emergency Response objectives within the Technical Support Group.

C. TECHNICAL SUPPORT ADMINISTRATIVE SUPERVISOR

Reports To: Technical Support Manager

Supervises: Administrative personnel in the Technical Support Group

Basic Functions:

Supervises the Technical Support Group clerical personnel and coordinates the Technical Support Group needs for work space, communications, office supplies, personnel, office equipment, etc., with the Admin/Log. Group.

Primary Responsibilities:

1. Provides typing, filing, office equipment operation to all areas within the Technical Support Group.
2. Coordinates with the Admin/Log. Group the Technical Support Group needs for skilled support personnel to staff the various Group functions.
3. Coordinates with the Admin/Log. Group the Technical Support Group needs for additional work space, communications, equipment, office supplies, office equipment, etc.

Principle Working Relationships:

1. Technical Support Manager and all Technical Support Coordinators regarding administrative support needs and staffing needs.
2. Admin/Log. Manager regarding filling of the Technical Support Group administrative needs and staffing needs.

D. DATA COORDINATOR

Reports To: Technical Support Manager

Supervises: All Data Facility Personnel

Basic Functions:

Accumulation, retention, retrieval and retransmittal of information needed by the emergency response organization.

Primary Responsibilities:

1. Provide a central facility for the accumulation, retention, and retrieval of plant information and local environmental parameters.
2. Retransmit automatically and by request information needed by the emergency response organization.
3. Serve as a single location for the acquisition of data resulting in minimum interference with plant operations.

Principle Working Relationships:

1. Superintendent of Operations regarding acquisition of needed plant information.
2. Emergency Coordinator regarding acquisition of environmental parameters.
3. All groups requiring information regarding request for transmittal of information.

E. LICENSING SUPPORT COORDINATOR

Reports To: Technical Support Manager

Coordinates: Support personnel providing ALARA review, Plant Operations review and resolution of license requirements with NRC representatives.

Basic Functions:

Resolve questions of FSAR and Technical Specifications commitments, abnormal operating modes and other license requirements with NRC representatives.

Primary Responsibilities:

1. Work with NRC representatives to resolve questions concerning FSAR and Technical Specifications commitments in light of existing plant conditions.
2. Work with NRC representatives to resolve license requirements associated with proposed abnormal operating modes or plant modifications.
3. Function as a member of the Station Review Committee.

Principle Working Relationships:

1. NRC representatives regarding all license requirement areas.
2. Superintendent of Operations and all Technical Support Coordinators regarding out-of-normal operating modes and modifications to the plant.
3. Design and Construction Support Manager regarding modifications to the plant.

F. SYSTEMS ANALYSIS COÖRDINATOR

Reports To: Technical Support Manager

Coordinates: Support personnel analyzing problems and developing emergency plans in the areas of systems and equipment operations.

Basic Functions:

Analyze problems and develop emergency plans associated with the operation of plant systems and equipment.

Primary Responsibilities:

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

Principle Working Relationships:

1. Operations Support Coordinator regarding systems and equipment problems that need resolution and required out-of-normal or emergency procedures.
2. Technical Support Manager and Recovery Manager regarding recommendations on how to contend with systems and equipment problems.

G. CORE PHYSICS COORDINATOR

Reports To: Technical Support Manager

Coordinates: Support personnel analyzing core parameters and development guidance for the shift operations personnel on protection of the core.

Basic Functions:

Analyze core parameters and develop guidance for the shift operations personnel on protection of the core.

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 effect safer core conditions.

Principle Working Relationships:

1. Shift Supervisor regarding approved plant operations to affect safer core conditions.
2. Technical Support Manager and Recovery Manager regarding proposed plant operations to affect safer core conditions.
3. NSSS Supplier regarding all activities.

III. TECHNICAL SUPPORT GROUP ACTIVATION

1. Once it has been determined that an event has degressed to an emergency situation, the Recovery Manager, or his designee, will contact the Technical Support Manager.
2. The Technical Support Manager will relay to the Administrative Supervisor the information that is noted on Figure 1.
3. The appropriate members of the group will be notified (Figure 2) and relayed the information of Figure 1 by the Administrative Supervisor.
4. Activation of the Technical Support Group will be in the Wachovia Center, Room 1704, unless otherwise noted on initial callout.

IV. EMERGENCY FACILITIES - EQUIPMENT AND RESOURCES

A. Facilities - The Technical Support Manager is located in the Crisis Management Center. This center is the headquarters of the Recovery Manager and his staff and from here all emergency and recovery activities will originate. Supporting personnel for the Technical Support Group will be located in Room 1704 of the Wachovia Center in Charlotte, N. C. The CMC for McGuire and Catawba is in designated conference rooms in the General Office. The Oconee CMC is located at the Oconee Training Center. The Recovery Manager operates out of room WC-1010 for McGuire and Catawba and out of his designated room in the Oconee Training Center.

B. Equipment and Resources

1. Communication

- a. Crisis Management Center - Redundant two-way communications with the Emergency Operation Center, the Control Room, other appropriate off-site agencies and telephone.
- b. Alternate Crisis Management Center - Has some communications capability as described for Crisis Management Center.
- c. Support Group Personnel at Site - Telephone connections with Crisis Management Center and Alternate Crisis Management Center, and with the station.
- d. Personnel at Main Office - Telephone.

2. Equipment and Supplies

- a. Word processing equipment, i.e., typewriters, copy machine, telecopier, portable dictating machines.
- b. System descriptions.
- c. FSAR and Technical Specifications.
- d. Station operating, maintenance and emergency procedures.
- e. Drawings, i.e., P&ID, EE, general arrangement.
- f. Organization charts for the station and general office.

3. Personnel Resources

In addition to the primary and alternate members of the Technical Support Group, support personnel will be required depending on the accident situation. At least four secretaries/clerks will be needed for typing, making copies, etc. Two or three data runners will also be needed.

V. IMPLEMENTATION OF FACILITY AND EQUIPMENT

1. Figure 4 provides a checklist of equipment and resources to be used while the Technical Support Group is activated.
2. To establish prompt, accurate telephone communications with the other members of the Crisis Management functions; obtain two phones per checklist (Figure 4). The phones are to be plugged in Room 1704 by matching numbers on the phone with the number on the wall.
3. Additional equipment may be procured through the Administrative Supervisor.
4. Functional responsibilities for each unit in the Technical Support Group is supplied in the Crisis Management Plan and in Part II of the Technical Support Group Plan.

VI. LONG-RANGE RECOVERY FUNCTIONS

1. As an event moves into a long-range recovery, appropriate work schedules will be developed, and individuals notified.
2. Figure 3 identifies supplementary telephone numbers and contacts for services.
3. Arrangements for food and services needed for long-range recovery will be handled as the need arises.

VII. EMERGENCY CONCLUSION

- A. As the plant is brought to a stable condition and it has been determined the Technical Support Group is no longer needed, the Technical Support Manager may then deactivate the group. Notifications of other groups in the Crisis Management Plan will be made as warranted.
- B. The Administrative Supervisor will assure the equipment used will be returned to its designated area.

Figure 1

CRISIS MANAGEMENT ORGANIZATION (CMO)
EMERGENCY ACTIVATION MESSAGE

The Nuclear Production Duty Engineer is contacted by the Nuclear Station in an emergency with information as shown in Figure E-4. The Duty Engineer contacts the Recovery Manager with that information. If the CMO is to be activated, the Duty Engineer uses this format to contact at least one person from each group shown in Figure B-12 of the Crisis Management Plan. Each group in the CMO uses this format to alert its members.

Your name _____.

Person who contacted you _____ Your Group _____

Persons you contacted with this message _____

_____. (If Any)

Message Format

1. This is _____ (caller's name).
2. I am notifying you of a drill/actual emergency at _____ Nuclear Station, Unit No. _____.
3. At this time the class of emergency is:

_____	Alert
_____	Site Area Emergency
_____	General Emergency
4. You are to activate your portion of the Crisis Management Organization and have them report to: _____ the Charlotte General Office
_____ the Oconee Training Center
_____ the Liberty Retail Office
5. Specific Instructions (if any) _____

6. Please return a copy of this completed format to the Emergency Response Coordinator.

Figure 2

TECHNICAL SUPPORT GROUP
Telephone List

<u>Position</u>	<u>Name</u>	<u>Office</u>	<u>Home</u>
Manager	K. S. Canady R. M. Koehler H. T. Snead		
Administrative Supervisor	J. W. Simmons J. A. Reavis		
Data Facility Supervisor	R. C. Pacetti G. C. Rogers M. F. Simpson W. B. Davis		
Licensing Support Coordinator	N. A. Rutherford R. L. Gill (Oconee) G. A. Copp (McGuire) R. O. Sharpe (Catawba)		
System Analysis Coordinator	P. M. Abraham S. D. Alexander D. L. Canup (McGuire) R. M. Gribble R. L. Weber		
Core Physics Coordinator	R. H. Clark L. H. Flores J. H. Randles G. P. Horne R. P. Wood J. L. Eller		
Staff Support	R. D. Groux		

Figure 2

TECHNICAL SUPPORT GROUP
Telephone List

<u>Position</u>	<u>Name</u>	<u>Office</u>	<u>Home</u>
Technical Support Group Emergency Phones (WC-1704)			
HP Radwaste (WC-2390)			
Design Construction (EC3-32)			
Recovery Manager (WC-1010) - MNS/CNS			
Scheduling/Planning (WC-1010) - MNS/CNS			
Offsite Radiological Coordinator - WC-1222			
Tech. Support Manager WC-1010			

Figure 3

LONG RANGE RECOVERY SUPPORT

Data Coordinator

R. David Deese
J. W. Zweig
Sarah Lee

Office

Home

System Analysis

G. B. Swindlehurst
Bob Breen (NSAC)
Fred Burke (B&W)
R. S. Hubbard (W)

Licensing

I. Ratsep (W)
F. Burke (B&W)

Figure 4

TECHNICAL SUPPORT GROUP
Equipment Location Checklist

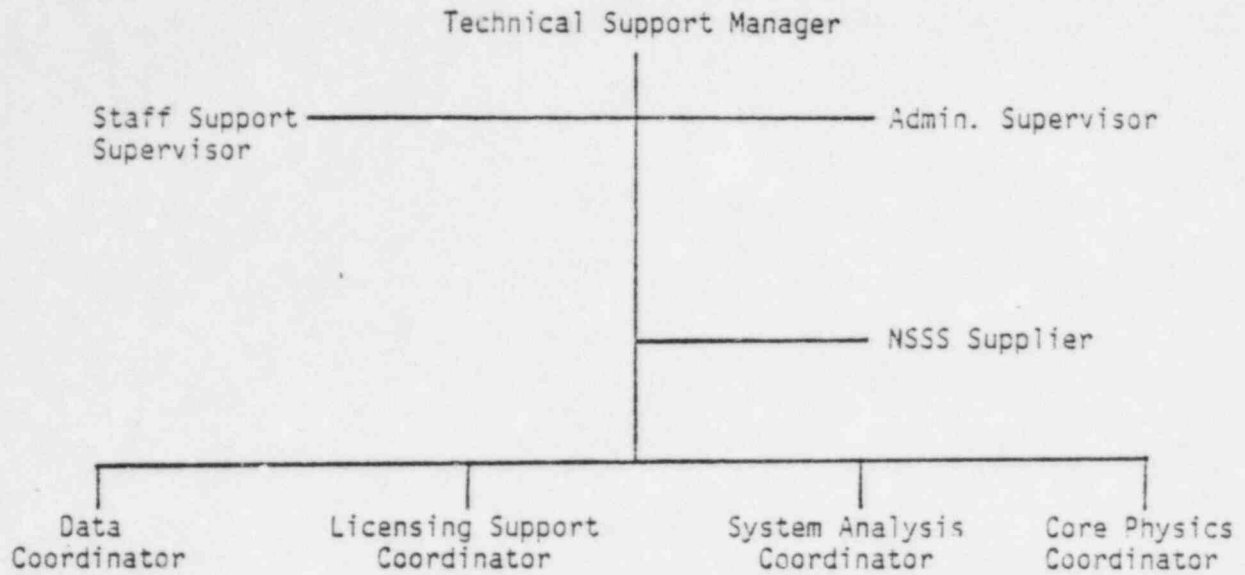
	<u>Oconee</u>	<u>McGuire</u>	<u>Catawba</u>
_____ FSAR	Room 1703	Room 1785	Room 1787
_____ Technical Specification	Room 1703	Room 1785	Room 1787
_____ P. O. Drawing	Room 1780	Room 1780	Room 1780
_____ Station Directives	Room 1725	Room 1725	Room 1725
_____ Station Organization	Room 1725	Room 1725	Room 1725
_____ Electrical Elementary	Room 1780	Room 1780	Room 1780
_____ Instrument Detail			
_____ Steam Table	Room 1780	Room 1780	Room 1780
_____ System Description	Room 1780	Room 1780	Room 1780
_____ Emergency Phones	Room 1727	Room 1727	Room 1727
_____ Computer Terminals	Room 1778	Room 1778	Room 1778
_____ Stationery Supplies	Room 1782, Plus Storeroom on 15th Floor		
_____ Copy Room	Room 1782, Print Shop, Reproduction		

Items on this list are identified in each room by a tag attached to each item or drawer where it is stored.

Location Checklist

Health Physics	Wachovia Center	Room 2390
Design and Construction	Electric Center	Room 3-32
Administration and Logistics	Wachovia Center	Room 0925
Offsite Radiological Coordinator	Wachovia Center	Room 1222
Recovery Manager	Wachovia Center	Room 1010

Figure 5



DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE 5.3.10

OCONEE NUCLEAR STATION-CRISIS
TELEPHONE DIRECTORY

Rev. 4
June 15, 1983

OCONEE NUCLEAR STATION

CRISIS MANAGEMENT TEAM TELEPHONE DIRECTORY

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INCOMING LINES TO OCONEE NUCLEAR STATION

DIAL CODE - MICRO-WAVE

<u>From</u>	<u>Dial</u>		
Seneca	882-5363	Charlotte General Office	80
	882-5368		
	882-5369	Catawba Steam	80-188
	882-5370		
	882-5371	Catawba Construction	80-104
	882-5621	McGuire	80-212
Easley	859-0108		
	859-0113	Cherokee	80-115
	859-0116	Attendant (To access Bell Line)	0
Anderson	224-8376		
Six Mile Island	868-2717	Seneca	9
		Easley	60
		Anderson	61
		Six Mile	63

EMERGENCY NUMBERS
OCONEE AND PICKENS COUNTIES

PICKENS COUNTY

Primary Number 878-7808

EXECUTIVE GROUP*

Civil Defense 878-7527
County Administrator
County Council
Legal Officer

OPERATIONS GROUP*

Law Enforcement 878-7494
Rescue Squad
EMS
Fire Service 878-7409
Medical Service
Health Service
Dept. of Public Works

ASSESSMENT*

Transportation 855-1020
Emergency Welfare Service
Shelter Service
Red Cross

Supply and Procurement 878-4886
RADEF

Mental Health 878-7499
Damage Assessment
Public Information

ALTERNATE NUMBER (to any group) 868-9207

PUBLIC INFORMATION OFFICER

CRISIS NEWS CENTER-ONS*

State of South Carolina 882-6746
Oconee County 882-4505
Pickens County 882-6744
NRC 882-8094
882-5537

CRISIS NEWS CENTER LIBERTY RETAIL OFFICE*

State of South Carolina 843-2753
Oconee County 843-2754
Pickens County 843-2755
NRC

*Call any one of the listed numbers to reach group desired.

EMERGENCY OPERATION CENTER

Oconee County

Primary Number (24-hour) 638-3097

OPERATIONS*

Fire Protection 638-2633

Police 638-2864
638-3002

Public Roads

Emergency Medical Services

Rescue Squads

ASSESSMENT*

Emergency Welfare Services 638-2177
638-2482

Radiological Defense

Damage Assessment

EXECUTIVE GROUP*

Supervisor/Chairman County Council 638-2540

EOC Director

Financial Officer

FNF Representative

PUBLIC INFORMATION OFFICER

CRISIS NEWS CENTER-ONS

State of South Carolina 882-6746
Oconee County 882-4505
Pickens County 882-6744
NRC 882-8094
882-5537

*This is the dedicated line on a speaker phone tied to 654-9363 at the Clemson Armory.

CRISIS NEWS CENTER LIBERTY RETAIL OFFICE

State of South Carolina

Oconee County

Pickens County

NRC

843-2753

843-2754

843-2755

*Call any one of the listed numbers to reach group desired.

MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER
(GENERAL OFFICE RESPONSE LOCATIONS)

Administration and Logistics (Wachovia Room 0925)-----373-3121
3122
3123

Design and Construction (Electric Center 3-32)-----373-4662
5304
5305

Radiological Support (Wachovia 2390)-----373-7790
5444

Offsite Radiological Coordinator (Wachovia 1222)-----373-6150
6265
7578
HPN phone
Selective Signaling System

Recovery Manager/Scheduling and Planning (Wachovia 1010)

Recovery Manager: Centrex to TSC Emerg. Coord.-----373-5743
Dedicated Line to State EPD Director-----7951
Ringdown Line to TSC Emergency Coordinator

Scheduling/Planning: Two Centrex Lines-----373-5731
7949

Other Groups:

Selective Signaling System Phone for SAC-----

Administration & Logistics-----373-3126

Crisis News-----373-3125

Design & Construction-----373-3127

Radiological Support-----373-3128

Offsite Radiological Coordinator-----373-3129

Technical Support-----373-3124

"Red Phone" to NRC-----

NRC, States and Counties (Wachovia 1488)-----373-2689
7405
7406

Technical Support (Wachovia 1704)-----373-5177
5235
5236

CRISIS NEWS GROUP - POWER BUILDING 5TH FLOOR

Rooms PB 5014, 5012, 5010 - Duke Crisis News Staff-----373-5584
4023
3107
2864
7303

Rooms PB 5020/5022 - S.C. PIO's-----373-9818
9824
0970
7302

Room PB 5018/- N.C. PIO's-----373-9788
5016 2812
2846
8138
2877

News Media Phones (O. J. Miller Auditorium-----373-7946
- Electric Center) 7947
7948
2620
2628
2629
2630
2631
2632
2633
2634
2635
2636
2637
2638
2639
2641
2642

CRISIS MANAGEMENT CENTER

POSITION

PRIVATE LINE

ONS SWITCHBOARD

RECOVERY MANAGER

SCHEDULING/PLANNING MANAGER

RADIOLOGICAL SUPPORT MANAGER

TECHNICAL SUPPORT

DESIGN AND CONSTRUCTION SUPPORT
MANAGER

OFFSITE RADIOLOGICAL COORDINATOR

ADMINISTRATION AND LOGISTICS
MANAGER

ADVISORY SUPPORT
Nuclear Regulatory Commission

Babcock & Wilcox (NSSS Supplier)

CORPORATE HEADQUARTERS
(Contact with Governor)
A. C. Thies

Alternate:
W. H. Owen

DATA COORDINATION
(Telecopier)

*These circuits are kept open throughout an emergency as dedicated lines on speaker phones. The Recovery Manager is connected to the EPD Director at 654-9367. The Special Assistance Coordinator is teid to DHEC on 654-9371.

CRISIS NEWS CENTER

Telephone Number
882-5363

<u>Position/Name</u>	<u>Private Line</u>	<u>ONS Switchboard</u>
<u>CRISIS NEWS DIRECTOR</u>		
<u>COMMERCIAL NEWS MEDIA</u> (Active Numbers) For drill purposes only		
<u>COMMERCIAL NEWS MEDIA</u> (Inactive Numbers) Activated only during an actual emergency		
<u>NRC/STATE/COUNTIES PUBLIC INFORMATION OFFICERS</u>		

*This circuit is kept open throughout an emergency as a dedicated line on a speaker phone. It connects the S.C. PIO's at the News Center to the State News Staff at the Clemson Armory at 654-9363.

PHONE NUMBERS FOR LIBERTY RETAIL OFFICE

Recovery Manager

Scheduling/Planning

Crisis News & State/County
PIO's

Design and Construction

Technical Support

Offsite Radiological Coordinator

Administration & Logistics

Radiological Support Manager

NRC/State and Counties

TECHNICAL SUPPORT CENTER

Telephone Number
882-5363

<u>Position/Name</u>	<u>Outside Line</u>	<u>Station Number</u>
Emergency Coordinator		
Supt. of Operations		
Supt. of Technical Services		
Supt. of Maintenance		
Supt. of Administration		
NRC Resident Engineer		
B&W Resident Engineer		
Station Health Physicist		
<u>HEALTH PHYSICS CENTER</u>		
Environmental Surveillance Coordinator		
Data Evaluation/Report Preparation Supervisor (Off-Site Dose Projection)		
Surveillance and Control Coordinator		
Support Functions Coordinator		
<u>TECHNICAL SERVICES GROUP</u>		
Performance		
Licensing and Projects		
Chemistry		
<u>OPERATIONAL SUPPORT CENTER</u>		
(Support group consists of Health Physics, Chemistry, Maintenance, Safety and Operations personnel)		

Telephone Number
882-5363

Station
Number

Position/Name

Operational Support Center Coordinator-----

Mechanical Maintenance Engineer-----

Mechanical Maintenance Supervisor-----

Chemistry Support-----

I&E Engineer-----

I&E Supervisor-----

Health Physics Support-----

Dose Control-----

Operations Group

Unit #3 Operations Offices-----

Nuclear Equipment Operators (Unit 1 & 2 Emergencies)-----

Nuclear Equipment Operators (Unit 3 Emergencies)-----

Medical Assistance-----

CONTROL ROOM

Unit 1-----

Unit 2-----

Unit 3-----

Shift Supervisor (Unit 1 & 2)-----

Unit 3-----

TELECOPIER

Technical Support Center-----

DATA TRANSMISSION

Coordinator-----

Data Release (Vax Program)-----

TSC COMMUNICATOR (with outside agencies)-----

Telephone Number
882-5363

Position/Name

Station
Number

ADMINISTRATOR CLERICAL SUPPORT-----

EMERGENCY COUNT ROOM (LOCATED IN VISITORS CENTER)-----\

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
NUMBER CODE FOR IDENTIFYING PERSONNEL/ACTIVITIES TO BE NOTIFIED

CODE

1. NUCLEAR REGULATORY COMMISSION by Red Phone within one hour.
2. UNIT COORDINATOR/OPERATIONS DUTY ENGINEER who will notify:
 - A. Superintendent of Operations
 - B. Station Manager/Emergency Coordinator (or alternate as listed in number 11)
 - C. Nuclear Production Duty Engineer
3. STATION MANAGER
 - J. Ed Smith, Office
 - Home
4. BABCOCK AND WILCOX RESIDENT ENGINEER
 - Bill Street, Office
 - Home

(If Bill Street cannot be reached, call)

 - L. H. Williams, Office
 - Home
5. STATION HEALTH PHYSICIST/DUTY HEALTH PHYSICIST
 - C. T. Yongue, Office
 - Home
6. SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL,
BUREAU OF RADIOLOGICAL HEALTH (Warning Point State of South Carolina)
 - Bureau of Radiological Health (0800-1700)
 - Answering Service After Hours, weekends, holidays
 - State EOC Columbia, S.C.
 - Forward EOC Clemson, S.C.

Selective
Signaling
System

7. COUNTY EMERGENCY PREPAREDNESS AGENCIES

Oconee County Emergency Preparedness(pager 251)..... Selective
Signaling
System, or
or

Pickens County Emergency Preparedness(pager 76)..... Selective
Signaling
System, or

8. COUNTY SHERIFF'S DEPARTMENTS

Oconee County (24 hours) Selective
Signaling
System, or

Pickens County (24 hours) Selective
Signaling
System, or
or
or

9. MEDICAL ASSISTANCE

Oconee Memorial Hospital Ambulance Service
Oconee Memorial Hospital Switchboard/Emergency Room

10. FIRE ASSISTANCE

Oconee County Rural Fire Protection Association
Woods or Forest Fire (Oconee County, Oakway Tower)
Woods or Forest Fire (Pickens County, Woodall Mt. Tower)

11. TECHNICAL SUPPORT CENTER ACTIVATION

(If the first person cannot be reached, go to the next person down the
list until one person is contacted)

Emergency Coordinator/Station Manager

J. E. Smith, Office Ext.
Home

Superintendent of Technical Services

T. B. Owen, Office Ext.
Home

Superintendent of Maintenance

J. M. Davis, Office
Home

Superintendent of Operations

J. N. Pope, Office
Home

12. WATER DEPARTMENTS

Should releases of radioactive effluent into Lake Keowee or Lake Hartwell potentially affect municipal water intakes or exceed technical specifications. Contact the appropriate authorities as indicated below:

Lake Keowee

Seneca, H. J. Balding, Office
Home

Lake Hartwell

City of Clemson

Mayor of Clemson, Office
Home

(If the mayor cannot be reached, call one of the following)

Clemson Administrator's Office
Home

Clemson Filter Plant (0700-1700)

Clemson University

President's Office

Home

Security (24 hours)

(If the President cannot be reached, call)
Clemson University Physical Plant (0800-1630)

Anderson Water Works (24 Hr. Number)

(AGENCIES THAT MAY RESPOND TO AN EMERGENCY AT OCONEE NUCLEAR STATION)

LAW ENFORCEMENT

S. C. Highway Patrol (Greenville, S. C.)

S. C. Enforcement Division (Columbia, S. C.)

Communications Check-Officer-of-the-Day

BOMB DISPOSAL

Explosives Ordinance Disposal Control

(Forst Jackson, Columbia, S. C.)

RADIATION AND CONTAMINATION

REACTS, Department of Emergency (Oak Ridge, Tennessee)

(24 hr. number - after 1700 ask for Beeper number)....

DOE Emergency Radiological Monitoring Team (Aiken, S. C.)..

(24 hrs.)

N. C. Division of Emergency Management

(North Carolina State Warning Point - 24 hours)

Georgia Department of Natural Resources
Environmental Radiation Program

Georgia Civil Defense (0800-1700) - Operations Section ...

After Hours - Duty Officer

NUCLEAR REGULATORY COMMISSION

NRC Operations Center (via Bethesda Central Office)

NRC Operations Center (via Silver Spring Central Office ..

Health Physics Network to: NRC Operations Center

: NRC Region II

NRC Operator (Via Bethesda Central Office)

US NRC, Region II(24 hr.)..

US NRC, Oconee Resident Inspector

Jack Bryant (Home)...

Doublan Falconer (Home)...

BUS TRANSPORTATION

Anderson Retail Office (24 hr. number)

(Contact Ken Kernodle, George Wilson)

NATIONAL WEATHER SERVICE - METEOROLOGICAL BACK-UP SOURCE

Greenville-Spartanburg Weather Service(24 hour)...

NRC HEALTH PHYSICS NETWORK TELEPHONES

The NRC's Health Physics Network (HPN or Black Phone) connects all Nuclear Power Plants and Fuel Facilities to NRC Regional Offices and to NRC Headquarters Operations Center. The phone is intended to support Health Physics Operations in an emergency but can be used for daily voice traffic and facsimile transmittal.

There are two points at Oconee Nuclear Station which can access the HPN network. The station has jacks for the HPN in the Units 1&2 Control Room performance office, and in the training center.

The phone is used normally with the exception; NO DIAL TONE OR RINGING IS HEARD. In addition, ringing only lasts 30 seconds, so after 30 seconds if the party has not answered, you must hang up and redial.

For convenience, the cords most often used are listed below:

<u>HPN Phone</u>	<u>Code</u>
1. NRC region 2 (Atlanta) office	23
2. NRC headquarters	22
3. B&W Research Center	83
4. Oconee NRC Resident Inspector	72
5. Oconee Nuclear Station	73
6. <u>All</u> NRC region 2 Resident Inspectors	26
7. <u>All</u> region 2 Operating Nuclear Plants	25

In addition, the calling party may "conference" any phones during conversation by simply dialing the appropriate code(s). Any number of stations may be added in this manner.

OCONEE NUCLEAR STATION EMERGENCY RADIO

The call letters WQC699 identify the Emergency Event Radio frequency. The following is a listing of radio locations, unit call letters, and identifiers. Use identifiers only in transmission (for example, message may start with "Control Room to Alpha" and response will be Alpha to Control Room).

ONS Base Station Remotes

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
1. Unit 1 & 2 Control Room	()	Control Room
2. Crisis Management Center (Training Center)		CMC
3. Technical Support Center		TSC

Coded Squelch Radios

(Note above 3 Base Stations can activate squelch to the following radios by dialing encoding numbers.)

<u>Location</u>	<u>Encode</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
4. Pickens Co. LEC	35	()	Pickens Co. LEC
Pickens Co. (Courthouse)	31		Pickens Co. (Courthouse)
Pickens Co. (C.D. Office)	31		Pickens Co. CD
5. Oconee Co. LEC	32		Oconee Co. LEC
6. State FEOC - Clemson	34		State FEOC
ALL ABOVE RADIOS MAY BE ACTIVATED BY DIALING ENCODING NO. 30			

Field Monitoring Teams

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
8. Field Monitor Coordinator	()	Leader
9. Field Monitor Team		Alpha
10. Field Monitor Team		Bravo

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
11. Field Monitor Team	()	Charlie
12. Field Monitor Team		Delta
13. Field Monitor Team		Echo
14. Field Monitor Team		Foxtrot

TO COMMUNICATE BETWEEN BASE STATION REMOTES (1, 2, 3), THE INTERCOM MUST BE USED: The following procedure must be used:

1. Push INTERCOM button and hold.
2. Push MIKE button and hold.
3. Send message (example, CMC to TSC).
4. Release both buttons to receive a response.

DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE 5.3.11

MCGUIRE/CATAWBA CRISIS
TELEPHONE DIRECTORY

Rev. 4
June 15, 1983

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MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER
(CHARLOTTE GENERAL OFFICE)

Administration and Logistics (Wachovia Room 0925) -----

Design and Construction (Electric Center 3-32) -----

Radiological Support (Wachovia 2390) -----

Offsite Radiological Coordinator (Wachovia 1222) -----

Dedicated Line to State(s) Rad. Health Director(s) -----

Recovery Manager/Scheduling and Planning (Wachovia 1010)

Recovery Manager: Centrex to TSC Emerg. Coord. -----
Dedicated Line to State EPD Director -
Ringdown Line to TSC Emergency Coordinator

Scheduling and Planning: Two Centrex Lines -----

Other Groups:

Selective Signaling System Phone for SAC -----

Administration & Logistics -----

Crisis News -----

Design & Construction -----

Radiological Support -----

Offsite Radiological Coordinator -----

Technical Support -----

"Red Phone" to NRC -----

NRC, States and Counties (Wachovia 1488)-----

Technical Support (Wachovia 1704) -----

CRISIS NEWS GROUP (INDIVIDUAL OFFICES ON FIFTH FLOOR OF POWER BUILDING)

Rooms PB 5014, 5012, 5010 - Duke Crisis News Staff -----

Rooms PB 5020/5022 - S.C. PIO's -----

Room PB 5018/- N.C. PIO's -----
5016

News Staff and Media (Electric Center Auditorium) -----

TECHNICAL SUPPORT CENTER
MCGUIRE NUCLEAR STATION

875-1357 (McGuire Switchboard)
Tie Line from Training Center 6 + 4 digit extension
or 81 + 212 + extension

Extension

Station Manager

Administration

Superintendent
Coordinators/Admin., Trng. Safety
Contract Coordinator
(Security etc.)

Maintenance

Superintendent
Mechanical Engineer
IAE Engineer
Planning

Operations

Superintendent

Technical Services

Superintendent
Performance Engineer
Reactor Engineer
Chemistry
Health Physics
Projects and Licensing Engineer
Support Functions Coordinator
Surveillance and Control Coordinator

ENS/HPN NRC

Telecopier/Computer Room

TECHNICAL SUPPORT CENTER - CATAWBA

(Available by 9-1-83)

McGuire Offsite Agency Telephone List

Counties

Mecklenburg Warning Point	Ringdown, or	or Emergency Radio Code
Gaston Warning Point	Ringdown, or	or Emergency Radio Code
Iredell Warning Point	Ringdown, or	or Emergency Radio Code
Catawba Warning Point	Ringdown, or	or Emergency Radio Code
Lincoln Warning Point	Ringdown, or	or Emergency Radio Code
Cabarrus Warning Point	Ringdown, or	or Emergency Radio Code

NOTE: Radio Code 20 activates all county radio units

States

N.C. (E.O.C. Raleigh)
N.C. Warning Point
N.C. (SERT Headquarters, Air
National Guard Armory)

Ringdown Phone or .

S.C. Emergency Preparedness
Division

803/758-2826

S.C. Department of Health and
Environmental Control

(8:30 A.M.-5:00 P.M. weekdays)
(After hours and weekends/
holidays)

DOE - Savannah River

NRC - Operation Center

American Nuclear Insurers

INPO

CATAWBA OFFSITE AGENCY TELEPHONE LIST

(Available 9-1-83)

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

5.3.12

"Transmission of Followup Emergency Information To
Offsite Agencies - Oconee Nuclear Station"

Rev. 2
June 15, 1983

TRANSMISSION OF FOLLOWUP EMERGENCY INFORMATION TO OFFSITE AGENCIES
 OCONEE NUCLEAR STATION
 CRISIS MANAGEMENT ORGANIZATION

1.0 PURPOSE

To provide a procedure for transmitting followup emergency information to the state and counties in the ten mile area around Oconee Nuclear Station.

2.0 REFERENCES

2.1 Crisis Management Plan, Part E.

2.2 Oconee Nuclear Station Emergency Plan

3.0 LIMITS AND PRECAUTIONS

3.1 The Offsite Radiological Coordinator (OSRC) or his designee will assure that the Technical Support Center Staff is aware that his group is ready to perform the information updates and the time of the first update to be made by his group.

3.2 The ringdown phone to the counties and the dedicated Bell line to the state headquarters are the primary communications mediums. If they should become unavailable, normal bell lines, plant extensions, and the radio should be used for the transmissions, in that order.

3.3 The verification part of the procedure must be followed or the county/state representatives will not take the message.

3.4 After the State of South Carolina has assembled its organization at the Clemson Armory and declares that it is in operational control, information will be provided to the state (only) via this format. They will then be responsible for updating the counties. (Prior to this time, the counties are updated on the ringdown phone. The state headquarters in Columbia is updated on a private line.)

The SAC will use a private Bell line, _____, for updates to the Armory at this time rather than the ringdown phone. The State number is _____. These lines are on speaker phones and are to be kept open on mute throughout an incident.

The Recover Manager or designee must review and approve the sheet prior to its release.

3.5 At some period of time (1 to 2 hours at most) after the State FEOC (Forward Emergency Operations Center) is established, use of this preformatted sheet for updates will cease. Updates will be made by the Special Assistance Coordinator (SAC) according to the situation at hand and based upon discussions between the SAC and the state's representative in DHEC (S.C. Department of Health and Environmental Control).

The SAC will continue to use _____ line for these updates.

As the preformatted sheet is not used after this time, the SAC will log all calls made including date, time, callers' name, receivers' name, and a brief description of the information provided.

The OSRC or designee should be made aware of information provided in the update.

4.0 PROCEDURE

- 4.1 Fill out the emergency message format sheet (Enclosure 5.2) according to the "senders" instructions on the first page. Acquire necessary data from the Dose Assessment Coordinator, the Technical Support Group, and the Field Monitoring Coordinator. This is a followup message. Before you make the call, have the message approved by the Recovery Manager or his designee.
- 4.2 Using the communications medium mentioned in 3.2, 3.4, and 3.5 above, call the offsite agencies. A telephone listing of those agencies to be contacted and the numbers for each is found in Enclosure 5.2.
- 4.3 The verification procedure is to have the counties/state ask for verification of a number on the "code sheet." You then respond with the word corresponding to that number. The OSRC or Emergency Response Coordinator has this list.
- 4.4 Read the message sheet to the offsite agency representative allowing time to fill in the information. Make certain that the person taking the message has a copy of the form in front of him/her. (Federal & other agencies will not have a copy of this form).
- 4.5 Provide these updates at approximate 1 hour intervals. However, should the emergency class be upgraded, this information must be transmitted to these agencies within 15 minutes.

5.0 ENCLOSURES

- 5.1 Followup Emergency Information Sheet
- 5.2 Offsite Agencies And Their Telephone Numbers

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

5.3.13

"Transmission of Followup Emergency Information To
Offsite Agencies - McGuire and Catawba Nuclear Stations"

Rev. 2
June 15, 1983

TRANSMISSION OF FOLLOWUP EMERGENCY INFORMATION TO OFFSITE AGENCIES
MCGUIRE NUCLEAR STATION
CRISIS MANAGEMENT ORGANIZATION

1.0 PURPOSE

To provide a procedure for transmitting followup emergency information to the state and counties in the ten mile area around McGuire Nuclear Station.

2.0 REFERENCES

- 2.1 Crisis Management Plan, Part E.
- 2.2 McGuire Nuclear Station Emergency Plan

3.0 LIMITS AND PRECAUTIONS

- 3.1 The Offsite Radiological Coordinator (OSRC) or his designee will assure that the Technical Support Center Staff is aware that his group is ready to perform the information updates and the time of the first update to be made by his group.
- 3.2 The ringdown phone to the counties and the state headquarters is the primary communications medium. If this should become unavailable, normal bell lines, plant extensions, and the radio should be used for the transmissions, in that order.
- 3.3 The verification part of the procedure must be followed or the county/state representatives will not take the message.
- 3.4 After North Carolina has established its organization at the Douglas Air Guard Armory and declares that it is assuming operational control, information will be provided to the state (only) via this format. They will be responsible for updating the counties. (Prior to this time, the counties are updated on the ringdown phone. The state headquarters in Raleigh is updated on a private line.)

The SAC will use a private Bell line , for updates to the Armory at this time, rather than the ringdown phone. The State numbers are not yet established. These lines are on speaker phones and are to be kept open on mute throughout an incident.

The Recovery Manager or designee must review and approve the sheet prior to its release.

- 3.5 At some period of time (1 to 2 hours at most) after the Air Guard Armory is established as the nearsite headquarters, use of this preformatted sheet for updates will cease. Updates will be made by the Special Assistance Coordinator (SAC) according to the situation at hand and based upon discussions between the SAC and the state's representative in BRH (Bureau of Radiological Health).

The SAC will continue to use a private Bell line) for these updates.

As the preformatted sheet is not used after this time, the SAC will log all calls made including date, time, callers' name, receivers' name, and a brief description of the information provided. The OSRG or designee should be made aware of information provided in the update.

4.0 PROCEDURE

- 4.1 Fill out the emergency message format sheet (Enclosure 5.1) according to the "senders" instructions on the first page. Acquire necessary data from the Dose Assessment Coordinator, the Technical Support Group, and the Field Monitoring Coordinator. This is a followup message. Before you make the call, have the message approved and signed by the Recovery Manager or his designee.
- 4.2 Using the communications medium mentioned in 3.2, 3.4, and 3.5 above, call the offsite agencies. A telephone listing of those agencies to be called and the numbers for each is found in Enclosure 5.2.
- 4.3 The verification procedure is to have the state/county ask you for verification of a number on the "code sheet." You then respond with the word corresponding to that number. The code word is available from the Offsite Radiological Coordinator or his alternates.
- 4.4 Read the message sheet to the offsite agency representative allowing time to fill in the information. Make certain that the person taking the message has a copy of the form in front of him/her. (Federal and other agencies will not have a copy of this form).
- 4.5 Provide these updates at approximate 1 hour intervals. However, should the emergency class be upgraded, this information must be transmitted to these agencies within 15 minutes.

5.0 ENCLOSURES

- 5.1 Followup Emergency Information Sheet
- 5.2 Offsite Agencies And Their Telephone Numbers

Enclosure 5.2

McGuire Offsite Agency Telephone List1. Counties ***

Cabarrus	Ringdown or	or Emergency Radio Code
Mecklenburg	Ringdown or	or Emergency Radio Code
Gaston	Ringdown or	or Emergency Radio Code
Iredell	Ringdown or	or Emergency Radio Code
Catawba	Ringdown or	or Emergency Radio Code
Lincoln	Ringdown or	or Emergency Radio Code

NOTE: Radio Code activates all county radio units

2. States **

N.C. (E.O.C.) - Raleigh

N.C. (SERT Headquarters at Douglas Airport) Ringdown Phone or private line (number available "at the time") or Emergency Radio Code

N.C. Rad. Protection Section
(Raleigh)

(Note: N.C. will update S.C.)

3. Federal/Other Agencies

+ DOE - Savannah River (If support is to be requested)

** NRC-Operations Center and "Red Phone" or
NRC Region 2

+ Health Physics Network Dial
To NRC Operations Center

+ - Call only if monitoring team support is required.

** - Contact at each update (Contact N.C. at Raleigh numbers until SERT is established)

*** - Contact at each update until N.C. establishes its SERT Headquarters. After that time, contact BRH at SERT Headquarters and they will update these counties.

Note: Should the emergency class be upgraded, provide information on the new situation to those agencies above listed with a "***", within 15 minutes of the time the new classified is declared.

Enclosure 5.2

Attachment 5.3
 QUARTERLY INVENTORY
 COMMUNICATIONS EQUIPMENT
 Catawba/McGuire CMC/CNC

<u>Room</u>	<u>Telephone/ Radio/Headphones</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>Recovery Manager/ Scheduling & Planning</u> WC-1010		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Offsite Radiological Support</u> WC-1222		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Administration & Logistics</u> WC-0925		_____	_____
		_____	_____
		_____	_____
<u>Data Coordination</u> WC-1704		_____	_____
		_____	_____
<u>Design & Construction Technical Support</u> EC-3-32		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Radiological Support</u> WC-2390		_____	_____
		_____	_____

*Operationally check one phone per room at each quarterly inventory.

Enclosure 5.3

Catawba Offsite Agency Telephone List

(To Be Provided By 1-1-84)

Enclosure 5.3

DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE 5.3.16

SEMI-ANNUAL INVENTORY

QUARTERLY INVENTORY PROCEDURE1.0 Purpose

- 1.1 To ensure that emergency supplies designated for use by the Crisis Management Organization are maintained up-to-date through a semi-annual inventory.

2.0 References

- 2.1 Crisis Management Plan Section H

3.0 Limits and Precautions

- 3.1 None

4.0 Procedure

- 4.1 Between the 15th and the end of each of the following months, the Emergency Response Coordinator will send out a letter to groups listed below for an inventory of each of the listed kits or stored supplies.

Inventory Letters To Go Out In

June
December

Groups Responsible For Inventory

Hp/Radwaste	Attachment 5.1
Admin. & Logistics-Medical	Attachment 5.2
Admin. & Logistics-Communications	Attachment 5.3
Admin. & Logistics-Trailer	Attachment 5.4
Admin. & Logistics-G.O. Stationary	Attachment 5.5
Scheduling/Planning	Attachment 5.6
Offsite Radiological Coordinator	Attachment 5.7

- 4.2 The letter to the group will indicate a date for completion of the inventory. This date will be no more than 30 days after the last day of the subject month indicated above.
- 4.3 All inventories performed will be attached to a copy of the letter transmitting the request and a copy of this procedure indicating a completion date and stored in the Emergency Response Coordinator's files as well as Wachovia Center - master file.

5.0 Attachments

- 5.1 HP/Radwaste Emergency Kits
- 5.2 First Aid Supplies
- 5.3 CMC/CNC Communications Equipment
- 5.4 Registration Trailer Supplies
- 5.5 G.O. Stationary Supplies
- 5.6 Scheduling/Planning Maps & Decisional Aids
- 5.7 Offsite Radiological Coordinator Decisional Aids

Attachment 5.1

QUARTERLY INVENTORY
 HP/RADWASTE EMERGENCY KIT #1
 Duke Power Company General Office

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
1. All Purpose Markers	<u>1</u>	—
2. Cotton Gloves-Bundle	<u>1</u>	—
3. Coins for Telephone-Roll of Dimes	<u>1</u>	—
4. Flashlight and Extra Batteries	<u>2</u>	—
5. KI Tablets (14 per Bottle)--Bottles	<u>19</u>	—
6. Marking Tape: 1" Roll; 2" Roll	<u>1</u> each	—
7. Protective Clothing: Coveralls, Disposable	<u>4</u>	—
8. Poly Bags	<u>6</u>	—
9. Radiation Waste Signs (4" x 6")	<u>25</u>	—
10. Caution: Radiation/Radioactive Material Tags	<u>6</u>	—
11. Respirator Mask w/Filters, (MSA)	<u>1</u>	—
12. Rubber Gloves, Pairs	<u>6</u>	—
13. Scotch Tape Roll and Dispenser	<u>1</u>	—
14. Surgeon's Gloves, Box	<u>1</u>	—
15. Wet Suit Disposable	<u>1</u>	—
16. Weather-Proof Caution Signs w/inserts	<u>4</u>	—
17. <u>Box A</u>		
RM-14 w/DT-260 or DT-210 Probe	<u>1</u>	—
<u>Box B</u>		
Beta-Gamma Probe (Thyac-Victoreen)		
390, 0-20 mR/hr)	<u>2</u>	—
Gamma Detection Instruments		
Ion Chamber) 0-1000 R/hr	<u>1</u>	—
<u>Box C</u>		
TLD Badges (& 1 Record Card)	<u>5</u>	—
Steno Pad with 2 Pencils	<u>1</u>	—
Personnel Dosimeters	<u>10</u>	—
Dosimeter Charger	<u>1</u>	—

Inventory Performed By: _____

Date: _____

Attachment 5.1 (continued)

QUARTERLY INVENTORY

HP/RADWASTE EMERGENCY KIT #2

Duke Power Company General Office

	<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
1.	Binoculars	<u>1</u>	—
2.	Cotton Gloves, Bundle	<u>1</u>	—
3.	Contact Pyrometers	<u>2</u>	—
4.	Hard Hats	<u>3</u>	—
5.	Hoods, Disposable	<u>4</u>	—
6.	50 yard roll of barricade type	<u>1</u>	—
7.	Marking Tape: 1" roll	<u>1</u>	—
8.	Nucon Smears	<u>25</u>	—
9.	Protective Clothing: Coveralls, Disposable	<u>4</u>	—
10.	Plastic Sample Bottles	<u>12</u>	—
11.	Roll of Duct Tape	<u>1</u>	—
12.	Rubber Shoe Covers, Pairs	<u>4</u>	—
13.	Safety Glasses	<u>5</u>	—
14.	Box of Small Kimwipes	<u>2</u>	—
15.	Shoe Covers, Disposable Pairs	<u>6</u>	—
16.	Step Off Pads	<u>3</u>	—
17.	Surgeon's Caps, Disposable	<u>4</u>	—
18.	Wet Suit, Disposable	<u>1</u>	—

Inventory Performed By: _____

Date: _____

Attachment 5.1 (continued)

QUARTERLY INVENTORY

HP/RADWASTE EMERGENCY KIT #3

Duke Power Company General Office

	<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
1.	Tool Kit	<u>1</u>	—
2.	Portable Air Sampler	<u>1</u>	—
3.	Silver Zeolite Cartridges	<u>10</u>	—
4.	Copy of NAC-1 Drawings (Prints)	<u>1</u>	—
5.	Copy of Loading and Unloading Instructions	<u>1</u>	—
6.	Respirator Mask w/filters	<u>1</u>	—

Inventory Performed By: _____

Date: _____

Attachment 5.2

CRISIS MANAGEMENT

QUARTERLY INVENTORY

ADMINISTRATION AND LOGISTICS FIRST AID SUPPLIES

Location - Catawba Warehouse #2/Level A Storage

<u>Item</u>	<u>No. In Plan</u>	<u>No In Inventory</u>	<u>On Order</u>
2 x 2's	4 Boxes	_____	----
4 x 4's	8 Boxes	_____	----
8" x 7½" ABD's	2 Boxes	_____	----
8" x 10" ABD's	2 Boxes	_____	----
10" x 30" Multi-Trauma Dressing	24 each	_____	----
2" x 3" Telfa Pads	2 Boxes	_____	----
3" x 4" Telfa Pads	2 Boxes	_____	----
2" x 3" Adhesive Telfa Pads	2 Boxes	_____	----
3" x 4" Adhesive Telfa Pads	2 Boxes	_____	----
2" Kling	1 Case	_____	----
3" Kling	1 Case	_____	----
4" Kling	1 Case	_____	----
6" Kling	1 Case	_____	----
2" Ace Elastic Bandages	2 Boxes	_____	----
3" Ace Elastic Bandages	2 Boxes	_____	----
4" Ace Elastic Bandages	2 Boxes	_____	----
2" Coban	4 Boxes	_____	----
3" Coban	4 Boxes	_____	----
4" Coban	2 Boxes	_____	----
½" Dermicel Cloth Tape	2 Boxes	_____	----
1" Dermicel Cloth Tape	2 Boxes	_____	----
2" Dermicel Cloth Tape	1 Box	_____	----
1" Dermicel II Paper Tape	1 Box	_____	----
1" Waterproof Adhesive Tape	1 Box	_____	----
2" Waterproof Adhesive Tape	1 Box	_____	----
Oval Eye Pads	1 Box	_____	----
1" x 3" Coverlet Band-aids	4 Boxes	_____	----
Coverlet Knuckle Dressings	4 Boxes	_____	----

Attachment 5.2 (continued)

<u>Item</u>	<u>No. In Plan</u>	<u>No. In Inventory</u>	<u>On Order</u>
Coverlet Large Digit Dressing	2 Boxes	_____	----
Non-sterile Cotton Tipped			
Applicators	4 Boxes	_____	----
Sterile Cotton Tipped Applicators	2 Boxes	_____	----
Tongue Blades	1 Box	_____	----
Burn Sheets	24 each	_____	----
Disposable Ice Packs	48 each	_____	----
Alumafoam Finger Splints	2 Boxes	_____	----
Steri-Strips	2 Boxes	_____	----
10-Pack 4 x 4's	10-10 packs	_____	----
Visine	2 Btls.	_____	----
Dacroise (Isotone)	4 Btls.	_____	----
Neosporin Ophthalmic	2 Btls.	_____	----
Vasocon-A	1 Btl.	_____	----
Boric Acid Eye Ointment	3 Tubes	_____	----
Zephiran Antiseptic	1 Gal.	_____	----
Alcohol	3 Btls.	_____	----
Hydrogen Peroxide	3 Btls.	_____	----
Merthiolate	3 Btls.	_____	----
Silvadene (1 lb.)	1 Jar	_____	----
Neosporin	2 Boxes	_____	----
Neosporin-G	1 Tube	_____	----
Betadine Ointment	3 Boxes	_____	----
Betadine Prep Swab	3 Boxes	_____	----
Alcohol Prep Swab	4 Boxes	_____	----
Betadine Scrub	1 Gal.	_____	----
Tincture of Benzoin	1 Btl.	_____	----
Oil of Cloves	1 Btl.	_____	----
Topical Anesthetic	2 Cans	_____	----
Irrigating Saline	6 Btls.	_____	----
Aspirin	1 Btl.	_____	----
Acetaminophen	1 Bag	_____	----

Attachment 5.2 (continued)

<u>Item</u>	<u>No. In Plan</u>	<u>No. In Inventory</u>	<u>On Order</u>
Maalox	2 Btls.	_____	----
Pepto Bismol	2 Btls.	_____	----
Ralk Splinter	1 Pr.	_____	----
Bandage Scissors	2 Pr.	_____	----
Kelly-Murphy Hemostat, Straight	1 Pr.	_____	----
Kelly-Murphy Hemostat, Curved	1 Pr.	_____	----
Halstead Mosquito Forceps, Straight	1 Pr.	_____	----
Halstead Mosquito Forceps, Curved	1 Pr.	_____	----
Bard-Parker Survical Handle, #3	1 each	_____	----
Bard-Parker Blades, #11 & 15	2 Boxes	_____	----
Ophthalmoscope	1	_____	----
Thermometers, Oral	12 each	_____	----
Folding Stretchers	4 each	_____	----
C-Cell Flashlights	4 each	_____	----
7½ Volt Lanterns	2 each	_____	----
Maps from Charlotte to All Sites	1 each	_____	----
Maps from Site to Nearest Hospital	1 each	_____	----
Disposable Coveralls	8 Prs.	_____	----
Safety Belts	2 each	_____	----
3/4" Rope in 100 ft. Sections	2 sections	_____	----
1/2" Rope in 50 ft. Sections	4 sections	_____	----
Leather Gloves	8 Pr.	_____	----
5 Gal. Drinking Water Containers	2 each	_____	----
Meals Pre-Packed Food	48	_____	----
2 Burner Propane Stove	1 each	_____	----
Propane Gas	2 Btls.	_____	----
Cots	2 each	_____	----
Blankets	12 each	_____	----
Hand Towels	24 each	_____	----
Assorted Plastic Bags	24 each	_____	----
Pot	1 each	_____	----
Fry Pan	1 each	_____	----

Attachment 5.2 (continued)

<u>Item</u>	<u>No. In Plan</u>	<u>No. In Inventory</u>	<u>On Order</u>
Paper Plates	1 Pkg. (100)	—	----
Styrofoam Cups	100	—	----
Knives, Forks & Spoons	1 Box	—	----

<u>Item</u>	<u>No. In Plan</u>	<u>No. In Inventory</u>	<u>On Order</u>
Full-Face Respirators	2 each	----	----
HEF Cartridge Filters	10 each	----	----

<u>Additional Items on Hand</u>	<u>No. In Inventory</u>
8 C-Cell Batteries	—
2 7½ Volt Batteries	—
1 30-cup coffee pot	—
4 extra disposable coveralls	—
1 emesis basin	—

Inventory Performed By: _____

Date: _____

Attachment 5.3 (continued)

QUARTERLY INVENTORY

COMMUNICATIONS EQUIPMENT

OCONEE CMC

<u>Room</u>	<u>Telephone/ Radio/Headset</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>Recovery Manager/ Scheduling & Planning</u>	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	(spkr. phone)	_____	_____
	Red Phone	_____	_____
	Headsets & lights	_____	_____
	From other rooms	_____	_____
<u>Radiological Support</u>	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	Headset &	_____	_____
<u>Technical Support/ Design & Construction</u>	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	Headset & light	_____	_____
<u>Offsite Radiological Coordinator</u>	Radio System	_____	_____
	Headset & light	_____	_____
	Ringdown phone	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
<u>Administration & Logistics</u>	882-9028	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
	Headset & light	_____	_____

Attachment 5.3 (continued)

QUARTERLY INVENTORY
COMMUNICATIONS EQUIPMENT

OCONEE CMC

<u>Room</u>	<u>Telephone/ Radio/Headset</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>NRC/State/Counties</u>	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____
<u>Data Coordinators</u>	plant ext.	_____	_____
	plant ext.	_____	_____
	plant ext.	_____	_____

Inventory Performed By _____
Date _____

*Operationally check one phone per room.

Attachment 5.3 (continued)

QUARTERLY INVENTORY
 COMMUNICATIONS EQUIPMENT
 LIBERTY OFFICE

<u>Room</u>	<u>Telephone</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>Recovery Manager/ Scheduling & Planning</u>		____ ____	____ ____
<u>Crisis News</u>		____ ____ ____	____ ____ ____
<u>Design & Construction</u>		____ ____	____ ____
<u>Technical Support</u>		____ ____	____ ____
<u>Offsite Radiological Support</u>		____ ____	____ ____
<u>Administration & Logistics</u>		____ ____	____ ____
<u>Radiological Support</u>		____ ____	____ ____
<u>NRC/State/Counties</u>		____ ____	____ ____

*Operationally check 4 of the 17 phones.

Inventory Performed by _____
 Date _____

Attachment 5.3 (continued)

QUARTERLY INVENTORY
 COMMUNICATIONS EQUIPMENT
 LIBERTY OFFICE

<u>Room</u>	<u>Telephone</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>Recovery Manager/ Scheduling & Planning</u>		____ ____	____ ____
<u>Crisis News</u>		____ ____ ____	____ ____ ____
<u>Design & Construction</u>		____ ____	____ ____
<u>Technical Support</u>		____ ____	____ ____
<u>Offsite Radiological Support</u>		____ ____	____ ____
<u>Administration & Logistics</u>		____ ____	____ ____
<u>Radiological Support</u>		____ ____	____ ____
<u>NRC/State/Counties</u>		____ ____	____ ____

*Operationally check 4 of the 17 phones.

Inventory Performed by _____
 Date _____

Attachment 5.4

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer

	<u>Item</u>	<u>Number In Plan</u>	<u>-Number In Inventory</u>
1.	<u>Transportation</u>		
	a. Spare Tires	<u>2</u>	—
	b. Jack Stands	<u>8</u>	—
	c. Plywood Pads	<u>8</u>	—
	d. Screw Jacks	<u>8</u>	—
	e. Screw Jacks Handles	<u>4</u>	—
	f. Fire Extinguishers	<u>3</u>	—
	g. Set of metal steps	<u>1</u>	—
	h. Boxes of wooden wedges	<u>2</u>	—
	i. 50 lb. box nails	<u>1</u>	—
2.	<u>Commissary</u>		
	a. Trash Cans and Lids	<u>22</u>	—
3.	<u>Administration</u>		
	a. 7½ volt batteries	<u>36</u> each	—
	b. D size flash lights	<u>12</u>	—
	c. 7½ volt lanterns	<u>24</u>	—
	d. Spotlights	<u>25</u> each	—
4.	<u>Security</u>		
	a. Security Foot Locker	<u>1</u>	—
	Contents: 6 volt batteries	<u>26</u>	—
	Blinking beacons	<u>14</u>	—
	D size directional		
	flashlights	<u>10</u>	—
	Vests	<u>9</u>	—

Attachment 5.4 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer

	<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
4.	<u>Security (continued)</u>		
	b. Road Barriers & Signs	<u>6</u>	—
	c. Security Signs	<u>10</u>	—
5.	<u>Communications</u>		
	a. Cord Assemblies	<u>14</u>	—
	b. Phones	<u>3</u>	—
	c. Phone Amplifiers	<u>2</u>	—
6.	<u>Human Resources</u>		
	a. Wind Sock	<u>1</u>	—
7.	<u>Other</u>		
	a. Metal Sign Stands	<u>37</u>	—
	b. Informational Signs	<u>27</u>	—
	c. Small Informational Signs	<u>14</u>	—
8.	<u>Accommodations</u>		
	a. ID Camera	<u>1</u>	—
	b. Extra Plate (Duke Power)	<u>1</u>	—
	c. Plain Plate	<u>1</u>	—
	d. Chairs	<u>16</u>	—
	e. Wire Baskets	<u>6</u>	—
	f. Hole Punchers	<u>2</u>	—
	g. Pencil Sharpeners	<u>2</u>	—
	h. Ink Pads	<u>2</u>	—

Attachment 5.4 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS' EMERGENCY SUPPLIES

Location: In Dedicated Trailer

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
8. <u>Accommodations</u> (continued)		
i. Bottles of Ink	<u>3</u>	---
j. "Temporary" Stamps	<u>2</u>	---
k. "Press" Stamps	<u>2</u>	---
l. "Recovery Team" Stamps	<u>2</u>	---
m. Package of ID cards (Form 08027)	<u>1</u>	---
n. Box Insurance Info. Pouches	<u>1</u>	---
o. Boxes of Pouches	<u>3½</u>	---
p. Standard Box Staples	<u>1</u>	---
q. Broom	<u>1</u>	---
r. IBM Selectric Typewriter	<u>1</u>	---
s. Carolina Ribbon & Carbon	<u>3</u>	---
t. Ribbon for IBM Selectric	<u>1</u>	---
u. Boxes of Black Ball Point Pens	<u>2½</u>	---
v. Tape Dispensers	<u>2</u>	---
w. Liquid Paper	<u>4</u>	---
x. Pair Scissors	<u>1</u>	---
y. Telephone Directories		
-Seneca	<u>1</u>	---
-Charlotte	<u>1</u>	---
-Anderson	<u>1</u>	---
-Greenville	<u>1</u>	---
-Easley	<u>1</u>	---
-Statesville	<u>1</u>	---
-Concord	<u>1</u>	---
-Mooresville	<u>1</u>	---
-North Mecklenburg	<u>1</u>	---

Attachment 5.4 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
8. <u>Accommodations (continued)</u>		
z. Dots (packages)		
-Red	<u>3</u>	—
-Navy	<u>2</u>	—
-Black	<u>2</u>	—
-Gold	<u>2</u>	—
-Light Blue	<u>2</u>	—
-Green	<u>2</u>	—
-Yellow	<u>3</u>	—
-Silver	<u>1</u>	—
aa. Boxes of Pencils	<u>2</u>	—
ab. Boxes of Spring Clips	<u>2</u>	—
ac. Pack of Rubber Bands	<u>1</u>	—
ad. Standard Pads	<u>7</u>	—
ae. Small Pads	<u>3</u>	—
af. 1 Roll (Partial) Filament Tape	<u>1</u>	—
ag. 1 Roll (Partial) 2 Sided Tape	<u>1</u>	—
ah. Blank ID Cards	<u>3</u> packs	—
ai. Training Packages	<u>199</u>	—
aj. Box Paper Clips	<u>1</u>	—
ak. Reams of Bond Paper	<u>1/2</u>	—
al. Boxes of Carbon Paper	<u>1</u>	—
am. Duophone 101 Electronic Telephone Amplifier System	<u>1</u>	—
an. ITT Desk Telephone	<u>1</u>	—

Attachment 5.4 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
8. <u>Accommodations</u> (continued)		
ao. Motel Verification Forms	<u>200</u>	—
ap. Registration Forms	<u>200</u>	—
aq. Motel Room Assignment Forms	<u>200</u>	—
ar. Copies of Registration Forms	<u>200</u>	—
as. Motel Space Availability Forms	<u>45</u>	—
at. Screw Eyelets	<u>60</u>	—
au. Boxes with 2 @ Balkamp Fastners	<u>12</u>	—

Inventory Performed By: _____

Date: _____

Attachment 5.5

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

LOCATION: GENERAL OFFICE

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Letter Size File Folders	1 Box	_____
#10 Plain White Envelopes	100 ea.	_____
#10 Envelopes w/Charlotte Address	100 ea.	_____
Reusable Interoffice Envelopes	1 Box	_____
Steno Notebooks	12 ea.	_____
5 x 8 White Scratch Pads	24 ea.	_____
4 x 6 White Scratch Pads	12 ea.	_____
8½ x 11 Wht. Ruled Pads	12 ea.	_____
8½ x 11 Yellow Legal Pads	12 ea.	_____
Telephone Message Pads	20 Pads	_____
Ltr. Size Typewriter Carbon Paper	1 Box	_____
8½ x 11 Xerocopy Paper	2 pks.	_____
Blue Copy Sheets	1 pk.	_____
Yellow Copy Sheets	1 pk.	_____
Letterhead w/Char. Return Address	1 pk.	_____
Typewriter Ribbons (Cor. Selectric)	12 ea.	_____
Lift Off Tapes (for Cor. Selectric)	6 ea.	_____
White Correction Fluid	2 Btls.	_____
Typewriter Erasers	12 ea.	_____
#2 Pencils	48 ea.	_____
Black Med. Point Pens	36 ea.	_____
Blue Med. Point Pens	36 ea.	_____
Red Med Point Pens	36 ea.	_____
Scissors	2 ea.	_____
Vacuum Mount Pencil Sharpeners	4 ea.	_____
Desk Top Staplers	3 ea.	_____
Standard Staples	3 Bx.	_____
Staple Removers	4 ea.	_____

Attachment 5.5 (continued)

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Medium Paper Clips	2 bx.	_____
Tape Erase w/Dispenser	2 ea.	_____
Transparencies	100 ea.	_____
Rubberbands (#18)	1 pack	_____
Letter Openers	2 ea.	_____
12" Wooden Rulers	10 ea.	_____
Legal Size Clipboard	1 ea.	_____
Letter Size Clipboard	1 ea.	_____
8½ x 14 Xerocopy Paper	1 pack	_____
File Folder Labels Wht. w/Blue	1 Bx.	_____
Name Tags (Hello My Name Is)	1 Carton	_____
Trash Can Liners	30 ea.	_____
Black China Markers	10 ea.	_____
Red - Watercolor Markers	12 ea.	_____
Blue - Watercolor Markers	12 ea.	_____
Black - Watercolor Markers	12 ea.	_____
Dictionary	1 ea.	_____
Wire Ltr. Size File Trays	15 ea.	_____
Disposable Ash Trays	1 Case	_____
Flashlight Batteries D Size	72 ea.	_____
Safety Wands	1 Bx.	_____
Flashlights	24 ea.	_____
Metal Name Card Holders	6 ea.	_____
Telecopiers	2 ea.	_____
Typewriter Table	1 ea.	_____
Bulldog Forms	1 bx.	_____
Envelope Containing Stamp Pads, Holders and ID Stamps for VISITOR CONSTRUCTION	1 ea.	_____
Wooden Placecard Holders and Placecards	1 Carton	_____

Inventory Performed By: _____

Date: _____

Attachment 5.6
 QUARTERLY INVENTORY
 SCHEDULING/PLANNING SUPPORT GROUP
 EQUIPMENT/SUPPLIES
 LOCATION: GENERAL OFFICE ROOM WC-1010

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Crisis Management Plan	<u>1</u>	<u> </u>
Crisis Management Implementing Plans	<u>1</u>	<u> </u>
Oconee Emergency Plan	<u>1</u>	<u> </u>
McGuire Emergency Plan	<u>1</u>	<u> </u>
Oconee Implementing Plan	<u>1</u>	<u> </u>
Telephone	<u>3</u>	<u> </u>
Speaker Telephone	<u>1</u>	<u> </u>
McGuire CMC Directory	<u>4</u>	<u> </u>
Oconee CMC Directory	<u>4</u>	<u> </u>
G.O./McGuire/Oconee Directory	<u>4</u>	<u> </u>
N.C. County Maps	<u>1 set</u>	<u> </u>
S.C. County Maps	<u>1 set</u>	<u> </u>
GA. County Maps	<u>1 set</u>	<u> </u>
McGuire 10 Mile Radius Wall Map	<u>1</u>	<u> </u>
Oconee 10 Mile Radius Wall Map	<u>1</u>	<u> </u>
Oconee Wall Data Sheet-Set	<u>1</u>	<u> </u>
Oconee Wall Aerial Photograph	<u>1</u>	<u> </u>
Wall Trending Sheets	<u>3</u>	<u> </u>
McGuire Wall Data Sheet-Set	<u>1</u>	<u> </u>
McGuire Wall Data Sheet-Auxiliary	<u>1</u>	<u> </u>
McGuire Wall Data Sheet Extension	<u>2 ea.</u>	<u> </u>
McGuire Wall Aerial Photograph	<u>1</u>	<u> </u>
Scheduling/Planning Manager's Kit	<u>1</u>	<u> </u>

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Large Company Mailers	<u>6</u>	<u> </u>
Small Company Mailers	<u>6</u>	<u> </u>
Administration/Logistics Manual	<u>1</u>	<u> </u>
Empty File Folders	<u>10</u>	<u> </u>
Masking Tape	<u>1 roll</u>	<u> </u>
Telephone Message Pads	<u>6</u>	<u> </u>
5x7 Paper Pads	<u>4</u>	<u> </u>
3x5 Paper Pads	<u>4</u>	<u> </u>
Chalk	<u>1 box</u>	<u> </u>
Chalk Dispensers	<u>2</u>	<u> </u>
Legal Paper Pads	<u>6</u>	<u> </u>
Felt Tip Markers (Black)	<u>6</u>	<u> </u>
Rubber Bands	<u>1 box</u>	<u> </u>
Grease Pencils	<u>1 set</u>	<u> </u>
Dry Erase Markers	<u>2 sets</u>	<u> </u>
Transparent Tape	<u>2 rolls</u>	<u> </u>
Transparent Tape Dispensers	<u>2</u>	<u> </u>
N.C. State Map	<u>1</u>	<u> </u>
S.C. State Map	<u>1</u>	<u> </u>
GA. State Map	<u>1</u>	<u> </u>
VA. State Map	<u>1</u>	<u> </u>
Thumb Tacks	<u>2 boxes</u>	<u> </u>
Paper Clips-Assorted	<u>1 box</u>	<u> </u>
Water Color Markers	<u>1 set</u>	<u> </u>
Blank Oconee Data Sheets	<u>1 file</u>	<u> </u>
Blank McGuire Data Sheets	<u>1 file</u>	<u> </u>
Table E-1 Message Forms	<u>1 file</u>	<u> </u>
Dry-Erase Rags	<u>3</u>	<u> </u>

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
24 Hour Clocks	<u>1</u>	<u> </u>
Stapler	<u>2</u>	<u> </u>
• Staples	<u>1 box</u>	<u> </u>
Scissors	<u>2</u>	<u> </u>
No. 2 Pencils	<u>1 box</u>	<u> </u>
• 10 mile radius county overlay maps	<u>1 set</u>	<u> </u>

Inventory Performed By: Date:

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: SCHEDULING/PLANNING MANAGER'S KIT

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Crisis Management Plan (CMP)	<u>1</u>	<u> </u>
Crisis Management Implementing Plans	<u>1</u>	<u> </u>
Oconee CMC Telephone Directory	<u>1</u>	<u> </u>
McGuire CMC Telephone Directory	<u>1</u>	<u> </u>
G.O./McGuire/Oconee Directory	<u>1</u>	<u> </u>
Scheduling/Planning Manager's File	<u>1</u>	<u> </u>
Scheduling Coordinator's File	<u>1</u>	<u> </u>
Planning Coordinator's File	<u>1</u>	<u> </u>
Performance Monitor's File	<u>1</u>	<u> </u>
Clipboard/Pad	<u>1</u>	<u> </u>
Large Envelopes	<u>8</u>	<u> </u>
Small Envelopes	<u>3</u>	<u> </u>
Large Company Mailers	<u>3</u>	<u> </u>
Small Company Mailers	<u>3</u>	<u> </u>
N.C. County Maps	<u>1 set</u>	<u> </u>
S.C. County Maps	<u>1 set</u>	<u> </u>
Telephone Message Pads	<u>2</u>	<u> </u>
Chalk Marker	<u>1</u>	<u> </u>
Pointer	<u>1</u>	<u> </u>
Scissors	<u>1</u>	<u> </u>
Transp. Tape/Dispenser	<u>1</u>	<u> </u>
Rubber Bands	<u>1 bag</u>	<u> </u>

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: SCHEDULING/PLANNING MANAGER'S KIT

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
8½ x 11 Paper Pads	<u>3</u>	<u> </u>
Felt Tip Pen Set	<u>1</u>	<u> </u>
Paper Clips-No. 1	<u>1 box</u>	<u> </u>
Adhesive Note Pads	<u>1</u>	<u> </u>

Inventory Performed By: Date:

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: OCONEE CRISIS MANAGEMENT CENTER

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Oconee Emergency Plan	<u>1</u>	<u> </u>
Oconee Implementing Plan	<u>1</u>	<u> </u>
Oconee 10 Mile Radius Wall Map	<u>1</u>	<u> </u>
Oconee Wall Data Sheets	<u>1 set</u>	<u> </u>
Wall Trending Sheet	<u>1</u>	<u> </u>
Large Company Mailers	<u>6</u>	<u> </u>
Small Company Mailers	<u>6</u>	<u> </u>
Empty File Folders	<u>10</u>	<u> </u>
Masking Tape	<u>1 roll</u>	<u> </u>
Telephone Message Pads	<u>6</u>	<u> </u>
5x7 Paper Pads	<u>4</u>	<u> </u>
3x5 Paper Pads	<u>4</u>	<u> </u>
Chalk	<u>1 box</u>	<u> </u>
Chalk Dispenser	<u>1</u>	<u> </u>
8½x11 Paper Pads	<u>6</u>	<u> </u>
Felt Tip Markers (Black)	<u>6</u>	<u> </u>
Rubber Bands	<u>2 bags</u>	<u> </u>
Grease Pencils	<u>1 set</u>	<u> </u>
Dry Erase Markers	<u>2 sets</u>	<u> </u>
Transparent Tape	<u>2 rolls</u>	<u> </u>
Transparent Tape Dispensers	<u>2</u>	<u> </u>
Thumb Tacks	<u>1 box</u>	<u> </u>
Paper Clips-No. 1	<u>1 box</u>	<u> </u>

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: OCONEE CRISIS MANAGEMENT CENTER

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Paper Clips-Large	<u>1 box</u>	<u> </u>
Water Color Markers	<u>1 set</u>	<u> </u>
Blank Oconee Data Sheets	<u>1 file</u>	<u> </u>
Table E-1 Message Forms	<u>1 file</u>	<u> </u>
Dry Erase Rags	<u>2</u>	<u> </u>
Stapler	<u>1</u>	<u> </u>
Staples	<u>1 box</u>	<u> </u>
Scissors	<u>2</u>	<u> </u>
No. 2 Pencils	<u>1 box</u>	<u> </u>
Water Bottle	<u>1</u>	<u> </u>

Inventory Performed By: Date:

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: LIBERTY CRISIS MANAGEMENT KIT

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Oconee Emergency Plan	<u>1</u>	<u> </u>
Oconee Implementing Plan	<u>1</u>	<u> </u>
Oconee 10 Mile Radius Wall Map	<u>1</u>	<u> </u>
Oconee Wall Data Sheets	<u>1 set</u>	<u> </u>
Wall Trending Sheet	<u>1</u>	<u> </u>
Large Company Mailers	<u>6</u>	<u> </u>
Small Company Mailers	<u>6</u>	<u> </u>
Empty File Folders	<u>10</u>	<u> </u>
Masking Tape	<u>1 roll</u>	<u> </u>
Telephone Message Pads	<u>6</u>	<u> </u>
5x7 Paper Pads	<u>4</u>	<u> </u>
3x5 Paper Pads	<u>4</u>	<u> </u>
Chalk	<u>1 box</u>	<u> </u>
Chalk Dispenser	<u>1</u>	<u> </u>
8½x11 Paper Pads	<u>6</u>	<u> </u>
Felt Tip Markers (Black)	<u>6</u>	<u> </u>
Rubber Bands	<u>2 bags</u>	<u> </u>
Dry Erase Markers	<u>1 set</u>	<u> </u>
Transparent Tape	<u>2 rolls</u>	<u> </u>
Transparent Tape Dispensers	<u>2</u>	<u> </u>
Thumb Tacks	<u>1 box</u>	<u> </u>
Paper Clips-No. 1	<u>1 box</u>	<u> </u>

Attachment 5.6 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: LIBERTY CRISIS MANAGEMENT KIT

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Paper Clips-Large	<u>1 box</u>	<u> </u>
Water Color Markers	<u>1 set</u>	<u> </u>
Blank Ocone Data Sheets	<u>1 file</u>	<u> </u>
Table E-1 Message Forms	<u>1 file</u>	<u> </u>
Dry Erase Rags	<u>2</u>	<u> </u>
Stapler	<u>1</u>	<u> </u>
Staples	<u>1 box</u>	<u> </u>
Scissors	<u>2</u>	<u> </u>
No. 2 Pencils	<u>1 box</u>	<u> </u>
Water Bottle	<u>1</u>	<u> </u>

Inventory Performed By: Date:

Attachment 5.7

QUARTERLY INVENTORY

OFFSITE RADIOLOGICAL COORDINATOR DECISIONAL AIDS

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
McGuire Dose Assessment Procedures	<u>1 each</u>	<u> </u>
Oconee Dose Assessment Procedures	<u>1 each</u>	<u> </u>
Dose Calculation and Reporting Forms	<u>15</u>	<u> </u>
RIA/EMF Descriptions And Correlations For Each Station	<u>1</u>	<u> </u>
Portable Battery Operated Calculator	<u>1</u>	<u> </u>
Offsite Dose Calculation Manual	<u>1</u>	<u> </u>
Reg. Guide 1.4 - Release Factors	<u>1</u>	<u> </u>
Site Specific Info. (Containment Volume, Core F.P. Inventory)	<u>1</u>	<u> </u>
10 mile radius map - Oconee	<u>1</u>	<u> </u>
10 mile radius map - McGuire (Maps to include monitoring points, regular environmental sampling sites, evacuation zones)	<u>1</u>	<u> </u>
Plume Shape Overlays For Maps	<u>1 set</u>	<u> </u>
Pencils	<u>5</u>	<u> </u>
Pens	<u>5</u>	<u> </u>
Pads of Paper	<u>5</u>	<u> </u>
18" Ruler	<u>1</u>	<u> </u>
Stapler	<u>1</u>	<u> </u>
Radiological Health Handbook	<u>1</u>	<u> </u>
G.O. Phone Directory	<u>1</u>	<u> </u>
Form 34966	<u>10</u>	<u> </u>

Inventory Performed By:
 Date:

CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE

5.3.14

"Duke Power Company,
Crisis Management Center,
Environmental Monitoring for Emergency Conditions
Within the Ten Mile Radius of McGuire Nuclear Station"

Rev. 7
July 1, 1983

DUKE POWER COMPANY
CRISIS MANAGEMENT CENTER
ENVIRONMENTAL MONITORING FOR EMERGENCY CONDITIONS
WITHIN THE TEN MILE RADIUS OF McGUIRE NUCLEAR STATION

1.0 PURPOSE

- 1.1 To provide long term coordination of environmental monitoring following an unplanned release of radioactive material in excess of McGuire Nuclear Station Technical Specifications to the environment. This procedure will replace station Health Physics Manual Section 18.2 once the Crisis Management Center is activated.

2.0 REFERENCES

- 2.1 Station Directive 3.8.1 (Site Assembly and Evacuation).
- 2.2 HP/O/B/1009/09, Release of Radioactive Materials Thru the Unit Vent Exceeding Technical Specifications.
- 2.3 HP/O/B/1009/10, Release of Liquid Radioactive Materials Exceeding Technical Specifications.
- 2.4 RP/O/A/5700/02 (Alert)
- 2.5 RP/O/A/5700/03 (Site Area Emergency)
- 2.6 RP/O/A/5700/04 (General Emergency)
- 2.7 Station H.P. Manual Section 18.2

3.0 LIMITS AND PRECAUTIONS

- 3.1 The Field Monitoring Coordinator (FMC) shall report to the Station Health Physicist (Technical Support Center) once the Emergency Plan and Organization has been implemented.
- 3.2 The FMC shall report to the Off-Site Radiological Coordinator (System Health Physicist or designee) once the Crisis Management Center has been manned and is operational.
- 3.3 Environmental sampling during emergency conditions shall not replace, but rather supplement normal environmental monitoring.
- 3.4 Survey teams shall don particulate masks when airborne particulate activity is $>3 \times 10^{-9}$ $\mu\text{C}/\text{ml}$ gross $\beta\gamma$, or 6×10^{-13} $\mu\text{C}/\text{ml}$ α .
- 3.5 If teams expect to be exposed to Iodine-131 in excess of 10 MPC (9×10^{-8} $\mu\text{C}/\text{ml}$) they shall ingest 150 milligrams (1 tablet) of potassium iodide, utilizing the supply in the environmental survey kit.

- 3.6 : Survey teams shall don protective clothing at contamination levels >1000 dpm/100 cm² Beta-gamma, >20 dpm/100 cm² alpha.
- 3.7 Survey teams shall wear high range personnel dosimetry provided in the kits when entering areas where suspected radiation levels may warrant.
- 3.8 Where teams stop along the road to sample, the vehicle should be parked far enough off the road for safety purposes.

4.0 PROCEDURE

- 4.1 Upon receiving a call to activate the CMC, the FMC will notify the Field Monitoring Organization (Enclosure 5.1) to assemble at trailer #7 at McGuire to relieve the station monitoring teams of offsite sampling responsibilities.
- 4.2 Upon notification by the Technical Support Center Field Monitoring Coordinator that members of the Crisis Management Center have assembled, the assigned emergency environmental monitoring survey teams from the station will report in to trailer #7 at McGuire to meet the CMC replacement teams in order to turn over the offsite sampling responsibilities at the earliest convenient time.

NOTE: The emergency environmental monitoring survey teams from the station will have already assembled and commenced emergency sampling per station Health Physics Manual Section 18.2 under direction of the Technical Support Center.

- 4.3 The Crisis Management Center monitoring teams will assume the responsibility of offsite sampling at the earliest convenient time to allow the station monitoring team to return to the station.
- 4.4 Five field monitoring teams consisting of two (2) technicians per team and one (1) helicopter team, the pilot and (1) H.P. Technician shall be formed as follows:

<u>Teams</u>	<u>Call Sign</u>	<u>Transportation</u>	
A	"Alpha"	Chemistry Vehicle #4352	Chevrolet Suburban
B	"Bravo"	Health Physics Vehicle #7632	Jeep Cherokee
C	"Charlie"	Administration Vehicle #3937	Station Mgrs. Vehicle
D	"Delta"	Planning Pickup #8031	
E	"Echo"	1978 Dixie Emergency Boat	
F	"Foxtrot"	Helicopter	

4.5 Coordinator Action

- 4.5.1 The FMC shall obtain meteorological information from the Dose Assessment Coordinator, who is in contact with the Corporate Meteorologist, and from the plant status sheet.
 - 4.5.1.1 The FMC shall be located in the Crisis Management Center (once established) and report to the Off-Site Radiological Coordinator.
 - 4.5.1.2 The FMC shall direct environmental surveillance and the preparation of status reports.
 - 4.5.1.3 The FMC shall direct the efforts of the Field Teams in obtaining pertinent field measurements and implement monitoring strategies and sample collection requirements.
 - 4.5.1.4 The FMC shall advise the Dose Assessment Coordinator of results of field measurements.
 - 4.5.1.5 The FMC shall assure adequate staffing and resources for the Field Teams.
 - 4.5.1.6 The FMC shall inform the Technical Support Center (Station Health Physicist) of sampling results once received from the monitoring teams or the Laboratory Analysis Coordinator.

4.6 Team Action

- 4.6.1 The FMC shall dispatch Field Teams A, B, and C to predetermined survey points within the downwind sector.
 - 4.6.1.1 The predetermined sampling locations are listed in Enclosure 5.2. The sector to be monitored or the "plume" patch shall be determined by placing nomograph overlays on a map in the opposite direction. The sectors to be monitored are subject to change based on wind and meteorological conditions.
- 4.6.2 The survey teams shall maintain open communications with the FMC of the Crisis Management Center informing him of sample results at each predetermined survey point. Record all sample results on appropriate survey forms (Enclosure 5.6).

NOTE: The monitoring teams shall use proper radio protocol when using the two-way radios for communications.

- 4.7 At each survey point, the survey teams shall:
- 4.7.1 Perform a general area $\beta\gamma$ survey at 3' from the ground. Record results .
 - 4.7.1.1 Report results to the FMC in mR/hr. If the dose rate is less than 5 mR/hr do not take an air sample but proceed to the next point.
 - 4.7.2 If the general area survey exceeds 5 mR/hr, take an air sample (10^6 ml) utilizing a Silver Zeolite (CP-100G) cartridge and particulate filter.
 - 4.7.2.1 Using the SAM-2, count the sample for (2) two minutes for I^{131} and record results.
 - 4.7.1.2 Report air sample results in corrected counts per minute.
 - 4.7.3 Take smears and water samples as directed by the FMC. Record time and location. Results will be recorded on appropriate sample forms. (Enclosure 5.6) when samples are processed.
 - 4.7.4 Retain all samples for future analysis.
 - 4.7.5 Place TLD's at locations designated by the FMC and record the time.
 - 4.7.6 Collect air samples and TLD's that are located in the environment as part of the normal environmental monitoring program as instructed by the FMC. Record locations and related times. Locations of air samplers and TLD's are listed in Enclosure 5.7.
 - 4.7.7 Label all samples and return them to the Crisis Management Center for analysis as directed by the FMC. The teams shall be supplemented, relieved, or secured as directed by the Field Monitoring Coordinator.
 - 4.7.8 Review the dose received on pocket dosimeters periodically.
- 4.8 In the course of their monitoring, the survey teams may be utilized to inform unknowing persons they encounter in the area, should area evacuations become imminent.
- NOTE: This (informing person) is not to interfere with emergency monitoring.
- 4.9 Once the extent of the release is known, survey teams shall continue to monitor survey points as directed by the FMC in order to observe changes in radiation/contamination levels and/or locations.

- 4.10 The emergency environmental survey teams shall be supplemented, relieved, or secured as directed by the FMC upon conferring with other members of the Offsite Radiological Sampling Group of the Crisis Management Center.

5.0 ENCLOSURES

- 5.1 Field Monitoring Organization (Names & Telephone Numbers of Members).
- 5.2 List of Designated Survey Points.
- 5.3 List of Designated Limnological Sample Points.
- 5.4 Map of 10 Mile Radius with Predetermined Survey Points
- 5.5 List of Contents of Survey Kits.
- 5.6 Survey Form.
- 5.7 Location of Env. TLD's and Air Samplers.
- 5.8 Procurement of Helicopter for Emergency Environmental Surveillance.
- 5.9 Map of Designated Survey Points Inside the 2500' Exclusion Area Boundary.
- 5.10 Field Monitoring Team Log Sheet.

IMPLEMENTING PROCEDURE 5.3.14
ENCLOSURE 5.1
FIELD MONITORING ORGANIZATION

LABORATORY
ANALYSIS
COORDINATOR

J. S. Isaacson

FIELD
MONITORING
COORDINATOR

J. R. LEONARD

DOSE
ASSESSMENT
COORDINATOR

R. E. SORBER

SURVEY
TEAM
"A"

SURVEY
TEAM
"B"

SURVEY
TEAM
"C"

SURVEY
TEAM
"D"

SURVEY
TEAM
"E"

SURVEY
TEAM
"F"

Catawba Nuclear Station Personnel

Microwave No.

Phillip Deal, Station Health Physicist

Bell Line

Maurice McClettie

Fletch Wilson

Rick Green

Tammie Hindman

Rick Dove

Robert Deshazo

Jerry Mode*

Grady Lane

John Threatt

Barry Kimray

Rich Wright

Cue Williamson

Tim O'Donohue

Sam Powell

Ron Rivard

Doug Baysinger

Mike Moses

Nancy Strickland

Steve Jones

Harold McCullough

Scott Ledford

Brenda Wells

Dean Thames

Barbara Jones

Henry Cuthbertson

Linda Thompson

Dough Parrott

Alton Johnson

Gloria Waddell

Eddie Bendfield

Robin Swails

*Alternate Field Monitoring Coordinator

ENCLOSURE 5.1 (cont.)

SYSTEM
ENVIRONMENTAL LABORATORY
PERSONNEL

Jan Williams
Bill Foris
Paulie Whitcomb
Aileen Lockhart
Steve Johnson
Larry Miller
Jerry Harris
Bill Piercy
Herb Magill
Wayne Harden
Paul White
Cindy Knox
Tom Yocum

ENCLOSURE 5.2

List of Designated Survey Points (McGuire Nuclear Station)

Example: A 3 - 1
 Evacuation Mile Sample
 Zone Radius Point

- X - 1 Flagpole at Technical Training Center.
- X - 2 South end of bridge over discharge canal.
- X - 3 Intersection of Construction Access Road and SR2182 (Hager Ferry Road).
- X - 4 Construction Access Road at the construction yard just north of the clearing, viewing the Standby Nuclear Service Water Pond.
- X - 5 Entrance to McGuire firing range on N.C. Highway 73.
- X - 6 South side of N.C. Highway 73, 20 yards east of the McGuire Steam Production entrance.
- X - 7 North side of N.C. Highway 73 where railroad tracks and the highway become parallel.
- X - 8 Dam at Waste Water Collection Basin. Access through O.C. Gate #5 (South River Gate)*.
- A - 2-1 Southwest end of Belle Isle Drive off SR 2149.
- A - 3-1 West end of SR 2151.
- A - 3-2 Intersection of SR 2151 and SR 2149.
- A - 3-3 South end of SR 2148 (Nance Road).
- A - 5-1 Intersection of SR 2189 (Bethel Church Road) and Staghorn Drive.
- A - 5-2 Knox Grill at intersection of N.C. Highway 73 and SR 2159 (Knox Road).

* Contact the Shift Lieutenant at Ext. or via emergency radio for access.

NOTE: Sample locations denoted with "X" indicate locations within the Exclusion Area Boundary.

ENCLOSURE 5.2 (cont.)

- B - 1-1 One mile from plant on Lake Norman.
- B - 1-2 One mile from plant on Lake Norman.
- B - 1-3 One mile from plant on Lake Norman.
- B - 1-4 One mile from plant on Lake Norman.
- B - 1-5 One mile from plant on Lake Norman.
- B - 1-6 Emergency boathouse at boat dock.
- C - 1-1 Approximately one mile on Hubbard Road off Highway 73.
- C - 1-2 End of Hubbard Road.
- C - 1-3 Approximately one mile west on SR 2133.
- C - 1-4 Catawba River, access through O.C. Gate 7 (Lower Dam Access)*.
- C - 1-5 River bank at north tip of island, access thru O.C. Gate 7 (Lower Dam Access)*.
- C - 2-1 Intersection of SR 2138 (Beatties Ford Road) and SR 2133 (Stevens Road).
- C - 2-2 West end of SR 2132.
- D - 2-1 Intersection of SR 2128 (Beatties Ford Road) and SR 2136 (Gilead Road).
- D - 3-1 East end of SR 2148 (Babe Stillwell Farm Road).
- D - 3-2 Intersection of SR 2136 (Gilead Road) and SR 2131 (Bud Henderson Road).
- D - 3-3 Intersection of SR 2128 (Beatties Ford Road) and SR 2129 (Jim Kidd Road).
- D - 3-4 Intersection of SR 2074 (Meck Road) and SR 2127 (Allison Ferry Road).
- D - 3-5 West end of SR 2127 (Allison Ferry Road).
- D - 5-1 Intersection of SR 2136 (Gilead Road) and SR 2139 (Remson Road).
- D - 5-2 Intersection of SR 2117 (Hambright Road) and SR 2120 (McCoy Road).
- D - 5-3 Intersection of SR 2074 (Beatties Ford Road) and SR 2117 (Hambright Road).

ENCLOSURE 5.2 (cont'd)

- D - 5-4 Intersection of SR 2074 (Beatties Ford Road) and SR 2125.
- E - 6-1 Intersection of SR 2004 (Mt. Holly-Huntersville Road) and SR 2075 (Riverview Road).
- E - 7-1 Intersection of SR 2004 (Mt. Holly-Huntersville Road) and SR 2001 (Pump Station Road).
- E - 8-1 Intersection of SR 2025 (Miranda Road) and SR 2043.
- E - 8-2 Bridge over Long Creek on N.C. Highway 16 between SR 1664 and SR 2005.
- E - 10-1 Intersection of SR 2619 (Peachtree Road) and SR 2027 (Cora Ave.).
- E - 10-2 Intersection of SR 1771 (Cathey Road) and SR 1769 (Tom Saddler Road).
- F - 5-1 Intersection of U.S. Highway 21 and SR 2004 (Mt. Holly-Huntersville Road).
- F - 7-1 Intersection of SR 2004 (Mt. Holly-Huntersville Road) and SR 2116 (Alexanderana Road).
- F - 8-1 Intersection of Interstate 77 and SR 2110 (Reames Road).
- F - 9-1 Intersection of SR 2442 (Asbury Church Road) and SR 2426 (Huntersville-Concord Road).
- F - 9-2 Intersection of SR 2442 (Asbury Church Road) and SR 2445.
- F - 10-1 Intersection of SR 2459 (Eastfield Road) and SR 2475 (Prosperity Church Road).
- F - 10-2 Intersection of N.C. Highway 115 and SR 2631 (Beechwood Mobile Home Park Road).
- G - 5-1 Intersection of U.S. Highway 21 and SR 2145 (Sam Furr Road).
- G - 6-1 South end of SR 2438 (Hagers Road) - right fork.
- G - 6-2 Intersection of N.C. Highway 115 and SR 2416 (Bailey Road).
- G - 8-1 Bridge over Rocky River on N.C. Highway 73 between SR 2420 and SR 2422.
- G - 8-2 Intersection of SR 2427 (McCord Road) and SR 2439 (Ramah Church Road).
- G - 10-1 Intersection of SR 2418 (Shearer Road) and SR 2419.

ENCLOSURE 5.2 (cont.)

- H - 5-1 Intersection of U.S. Highway 21 and SR 2147.
- H - 7-1 Intersection of Interstate Highway 77 and SR 2158 (Goodrum Drive).
- I - 5-1 South end of SR 2160.
- I - 6-1 Intersection of SR 1100 (Mayhew Road) and SR 2065.
- I - 7-1 Intersection of SR 1100 (Mayhew Road) and SR 1111 (Tom White Road).
- I - 7-2 South end of SR 1113 (Isle of Pines Road).
- I - 8-1 South end of SR 1459.
- I - 9-1 Intersection of SR 1100 (Mayhew Road) and SR 1177 (Chuckwood Road).
- I - 10-1 Intersection of SR 1115 and SR 1455.
- J - 6-1 West end of SR 1102 (Williamson Chapel Road) in All Seasons Campground.
- J - 9-1 Intersection of N.C. Highway 115 and SR 1137 (Midway Lake Road).
- J - 10-1 West end of SR 1194.
- J - 10-2 Intersection of SR 1132 (Midway Lake Road) and SR 1136 (J.P. White Road).
- L - 9-1 Barclay's Mini-Market and Texaco on SR 1373.
- L - 9-2 South end of SR 1841 (Webbs Chapel Road).
- M - 3-1 Highway 16 at Turbyfill Nursery.
- M - 4-1 Beatties Ford Access Area on SR 1439.
- M - 4-2 Picnic Area south of railroad crossing on N.C. Highway 16 between SR 1394 and SR 1397.
- M - 5-1 East end of SR 1495 in Westport Community.
- M - 5-2 Railroad Crossing east of Forney Creek on SR 1380 (Triangle Road) between SR 1386 and SR 1387.
- M - 5-3 East Lincoln High School at intersection of N.C. Highway 73 and SR 1386.
- M - 5-4 Bridge over Killian's Creek on SR 1545 (Old Plank Road) between N.C. Highway 16 and SR 1398.

ENCLOSURE 5.2 (cont.)

- M - 6-1 Bridge over Anderson Creek on SR 1385 (Anderson Branch Road) between N.C. Highway 73 and SR 1383.
- N - 6-1 Intersection of SR 1379 and SR 1376.
- N - 6-2 Intersection of SR 1380 (Triangle Road) and SR 1381.
- N - 8-1 Bridge over Anderson Creek on SR 1360 (Tucker's Campground Road) between SR 1382 and SR 1384.
- N - 8-2 Bridge over Killian's Creek on SR 1373 (Denver Road) between N.C. Highway 16 and SR 1360.
- N - 8-3 Intersection of SR 1375 and SR 1635.
- N - 10-1 Intersection of SR 1360 (Tucker's Campground Road) and SR 1349.
- O - 10-1 Intersection of SR 1362 (Mechpelah Road) and N.C. Highway 73.
- P - 6-1 Intersection of SR 1545 (Old Plank Road) and SR 1412 (Mariposa Road).
- P - 8-1 Bridge over Leeper's Creek (North Branch) on SR 1404 between SR 1535 and SR 1403.
- P - 10-1 Intersection of SR 1360 (Tucker's Campground Road) and SR 1361.
- Q - 1-1 Cowans Ford Dam - east end, access through O.C. Gate #10*.
- Q - 1-2 SR 1395 at Lake Norman Overlook.
- Q - 1-3 Intersection of Highway 73 and SR 1528.
- Q - 2-1 Bill's Marina on SR 1395.
- Q - 2-2 Intersection of N.C. Highway 73 and SR 1393.
- Q - 2-3 Intersection of N.C. Highway 73 and SR 1528.
- Q - 2-4 Railroad crossing on SR 1386 (Killian Road) between SR 1397 and SR 1909.
- Q - 3-1 East end of SR 1441.
- Q - 3-2 Intersection of SR 1393 and SR 1568 (Nixon Heights entrance).
- Q - 3-3 Bridge over Johnsons Creek on SR 1397 (Sifford Road) between SR 1396 and SR 1652.
- R - 8-1 Intersection of SR 1902 (Mariposa Road) and SR 1906.

ENCLOSURE 5.2 (cont.)

- R - 9-1 Intersection of N.C. Highway 27 and SR 1903 (Lawrence Road).
- S - 8-1 Intersection of SR 1935 (Stanley Road) and SR 1923 (Old N.C. 27).
- U - 10-1 Intersection of N.C. Highway 273 and N.C. Highway 27.
- V - 3-1 Intersection of SR 1968 and SR 1909 approximately 0.5 mile past Gaston County line.
- V - 5-1 Intersection of N.C. Highway 16 and SR 1911.
- V - 5-2 Lucia Fire Department in Lucia on N.C. Highway 16.
- V - 5-3 Water tower across from Riverbend Steam Station on SR 1912.
- V - 5-4 Intersection of SR 1912 (Horseshoe Bend Beach Road) and SR 1913.
- V - 7-1 Bridge over Leepers Creek on SR 1820 (Alexis-Lucia Road) between SR 1907 and SR 1902.
- V - 7-2 Bridge over Dutchman's Creek on SR 1905 (Upper Stanley Road) between SR 1820 and SR 1919.
- V - 8-1 Intersection of SR 1919 (Stanley Road) and SR 1918 (Sandy Ford Road).
- V - 8-2 Pinewood Elementary School on N.C. Highway 273 south of entrance to Mt. Island Dam.

ENCLOSURE 5.3

List of Designated Limnological Sample Points

Huntersville Intakes - Sector D (East-Northeast) 2-3 miles.

Sample elevation - 742'

Accessible by land on SR 2145 (Norman Island Road)

Davidson Intakes - Sector B (North-Northeast) 5-6 miles

Sample elevation - 736'

Accessible by land on SR 2195 (Torrence Church Road)

Charlotte Intakes - Sector I (South) 5-6 miles

Sample elevation 635' - Unit 1 intake

640' - Unit 2 intake

637' - Unit 3 intake

Accessible by land on SR 2004 (Mt. Holly-Huntersville Road)

NOTE: 1. Full lake elevation is 760'

2. Catawba River spillway elevation (for Charlotte intakes) is 647' 6"

ENCLOSURE 5.4

MAP of 10 mile Radius with Predetermined Survey Points.

(See attached map)