

DUKE POWER COMPANY

CRISIS MANAGEMENT

IMPLEMENTING PLANS AND PROCEDURES

B502140051 841219
PDR ADOCK 05000269
F PDR

November 30, 1984

TABLE OF CONTENTS

<u>Tab</u>	<u>Plan or Procedure Description</u>
CMIP-1	Recovery Manager and Immediate Staff Implementing Plan
CMIP-2	McGuire/Catawba Crisis News Group Plan
CMIP-3	Oconee Crisis News Group Plan
CMIP-4	Administration & Logistics Support Group Implementing Plan
CMIP-5	Scheduling/Planning Support Group Implementing Plan
CMIP-6	Design & Construction Support Group Implementing Plan
CMIP-7	Nuclear Technical Services Group Implementing Plan
CMIP-8	Nuclear Engineering Services Group Implementing Plan
CMIP-9	Oconee Crisis Phone Directory
CMIP-10	McGuire/Catawba Crisis Phone Directory
CMIP-11	Communications Test for McGuire/Catawba CMC
CMIP-12	Communications Test for Oconee CMC
CMIP-13	Quarterly Inventory/Communications Equipment Check
CMIP-14	OAC Data Available in an Emergency
CMIP-15	Transmission of Follow-up Emergency Information to Off-site Agencies--Oconee Nuclear Station
CMIP-16	Transmission of Follow-up Emergency Information to Off-site Agencies--McGuire and Catawba Nuclear Stations
CMIP-17	Environmental Monitoring for Emergency Conditions within the Ten Mile Radius of McGuire Nuclear Station
CMIP-18	Environmental Monitoring for Emergency Conditions within the Ten Mile Radius of Oconee Nuclear Station
CMIP-19	Environmental Monitoring for Emergency Conditions within the Ten Mile Radius of Catawba Nuclear Station

*Note: Dose Assessment Procedures are found in the Emergency Dose Assessment manual.

CRISIS MANAGEMENT
IMPLEMENTING PLANS AND PROCEDURES
DISTRIBUTION LIST

<u>Copy No.</u>	<u>Name</u>
1	R. E. Harris
2	K. S. Canady
3	R. F. Smith
4	Diane Savage
5	G. W. Hallman
6	Lionel Lewis
7	J. A. Effinger
8	J. W. Hampton
9	W. A. Haller
10	Randy Leonard
11	C. C. Jennings
12	R. W. Rasmussen
13	T. F. Wyke
14	R. W. Rasmussen
15	S. H. Friday
16	G. E. Vaughn
17	M. E. Bolch
18	A. G. Merritt
19	Open
20-23	NRC

November 30, 1984

Crisis Management Implementing Plan

CMIP-1

Recovery Manager & Immediate Staff Implementing Plan

Rev. 11

Nov. 30, 1984

Recovery Manager and Immediate Staff Group Plan

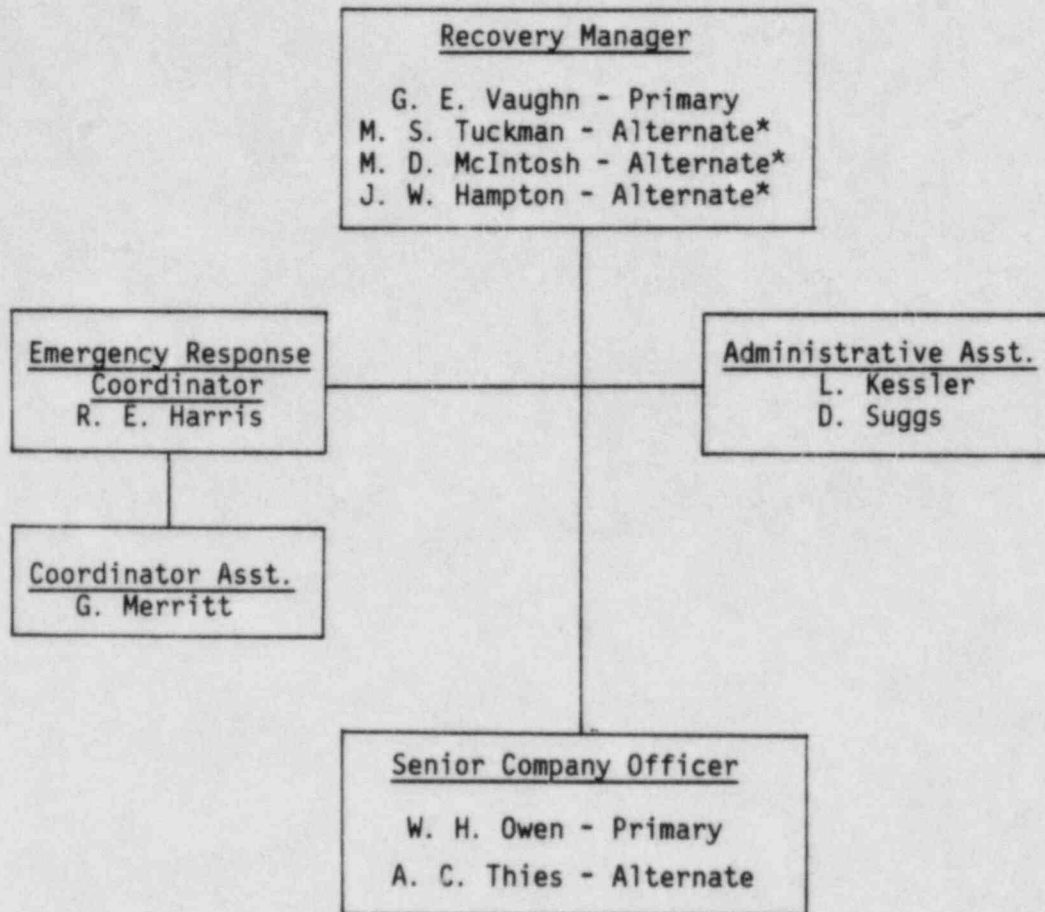
TABLE OF CONTENTS

	Page
I. SCOPE.....	2
II. ORGANIZATION.....	3
III. FUNCTIONAL RESPONSIBILITIES.....	4-6
IV. NOTIFICATION PROCEDURE - CALL LIST.....	7
V. CMC ACTIVATION MESSAGE.....	8

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 stations will be used as alternates to the Recovery Manager and Public Spokesperson. 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 Spokesperson. 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 off-site 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 off-site authorities, and in consultations with NRC and other federal agencies.

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 Response 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 Center and as the focal point for questions from the Governors of North and South Carolina, other senior level management, and the Board of Directors.

Primary Responsibilities:

1. This position will make an initial "courtesy call" to the 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 planning coordinator of the Scheduling/Planning Group.

Scheduling Coordinator Can Be Reached At:

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

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

E. Coordinator's Asst.

Reports to: Emergency Response Coordinator

Supervises:

Basic Function: To assist the Emergency Response Coordinator in followup on specific projects and other requests as they arise.

Primary Responsibilities:

1. To assist the Emergency Response Coordinator in resolution of tasks.

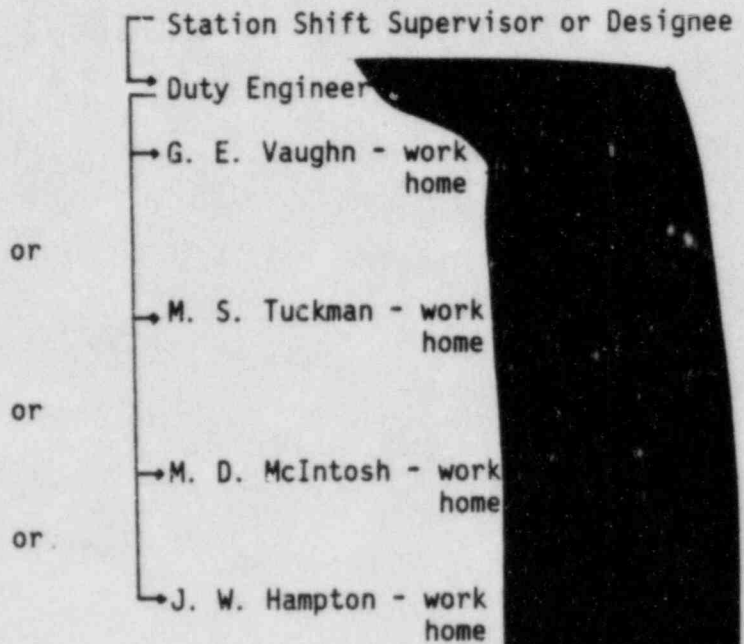
Principal Working Relationships:

1. Emergency Response Coordinator for tasks.

IV. NOTIFICATION PROCEDURE - CALL LIST

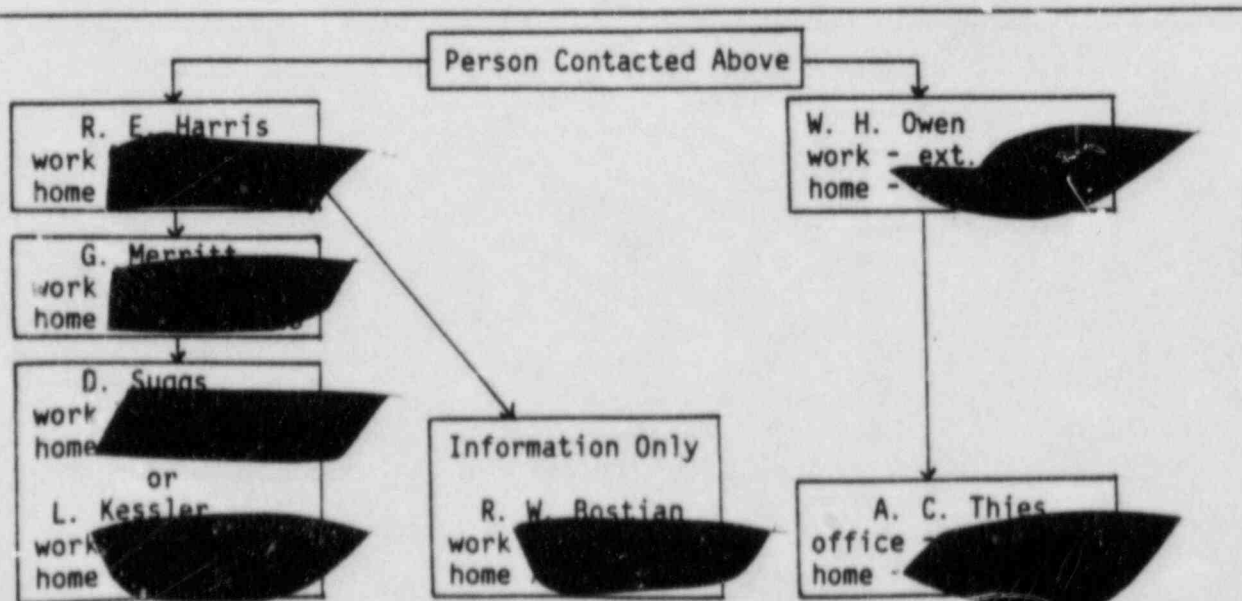
Call From Station

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 Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

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 Center 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.

CRISIS MANAGEMENT PLAN
IMPLEMENTING PLANS
CMIP-2 - CRISIS NEWS GROUP PLAN
McGuire Nuclear Station
and
Catawba Nuclear Station

Rev. 7
Nov. 30, 1984

5.3.2 McGuire/Catawba Crisis News Group Plan

Table of Contents

I. PREAMBLE..... 2

 A. Abbreviations..... 3

II. FIGURES.....

<u>Figure</u>	<u>Description/Title</u>	
1	McGuire/Catawba Organization - Crisis News Center	67
2	Crisis Management Organization - Emergency Activation Message.....	72
3	Media Notification Form - McGuire Only.....	73
4	Media Notification Form - Catawba Only.....	74
5	Crisis Management Center Layout and Media Phones.....	75
6	Access to CNC.....	76
7	Recovery Manager's Office.....	77
8	Crisis News Group, PIOs and Offsite Radiological Coordinator Phones.....	78
9	NRC-States-Counties Conference Room and Phones.....	79
10	Technical and Radiological Support and Phones.....	80
11	Administration & Logistics and Phones.....	81
12	Local and State Agency Emergency Centers.....	82
13	Evacuation Times - McGuire.....	83
14	Evacuation Routes - McGuire.....	84
15	Special Facilities-Location - McGuire.....	85
16	Special Facilities-Population - McGuire.....	86
17	Permanent Population by Sector - McGuire.....	87
18	EPZ Area and Populations - McGuire.....	88
19	Evacuation Times - Catawba.....	89
20	Evacuation Zones - Catawba.....	90
21	Special Facilities-Location - Catawba.....	91
22	Special Facilities-Population - Catawba.....	92
23	Permanent Population by Sector - Catawba.....	95
24	Transient Population by Sector - Catawba.....	96
25	Westinghouse Reactor - Cutaway Drawing.....	97
26	Westinghouse Steam Generator - Cutaway Drawing.....	98
27	Westinghouse Fuel Assembly - Cutaway Drawing.....	99
28	Westinghouse NSSS - Schematic Drawing.....	100
29	Westinghouse Pressurizer - Cutaway Drawing.....	101
30	Westinghouse Reactor Coolant Pump - Cutaway Drawing.....	102

III. FUNCTIONAL RESPONSIBILITIES

A.	Crisis News Director.....	4
B.	Assistant Crisis News Director.....	7
C.	Public Spokesperson.....	8
D.	Monitor.....	9
E.	Communications Coordinator.....	10
F.	Media Coordinator.....	11
G.	Support Coordinator.....	12
H.	State Command Post Liaison.....	19
I.	Internal Communications Coordinator.....	20
J.	Industry/Agency Coordinator.....	24
K.	Catawba Owners Liaison.....	27
L.	Governments Coordinator.....	29
M.	State Government Liaison.....	34
N.	Federal Government Liaison.....	40
O.	Media Registration Coordinator.....	45
P.	Technical Briefers.....	47
Q.	Audio/Visual Coordinator.....	49
R.	Secretarial Team.....	50
S.	Media Notification Team.....	53
T.	Status Board Coordinator.....	64
IV.	NEWS GROUP ACTIVATION - "CALL TREE".....	65
V.	NEWS CENTER FACILITY.....	66

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 SC, are responsible for notifying other members of their support group. Refer to Call Tree p. 63. 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
SBC	Status Board Coordinator
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>
-----------------------------	-------------------------	-----------------------

Shift 1 - MARY CARTWRIGHT
Shift 2 - MARY BOYD

Reports To: Recovery Manager

Supervises: Crisis News Group, Figure 1, p. 65-69.

Basic Functions:

1. Activate the 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. 70, for message format for news group calls and Figure 3, p. 71 - McGuire, and Figure 4, p. 72 - 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			

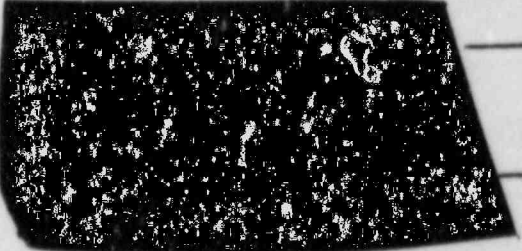
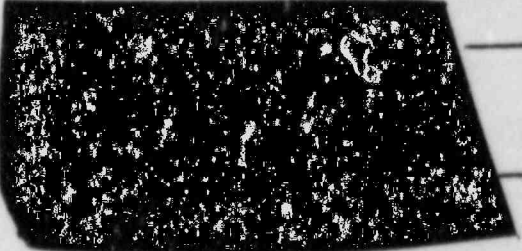
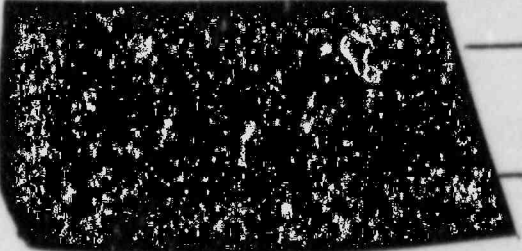
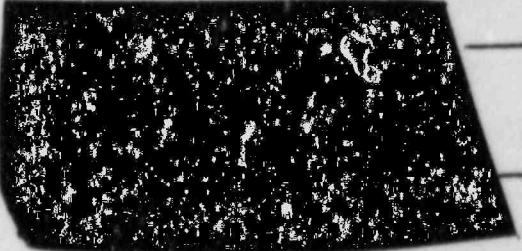
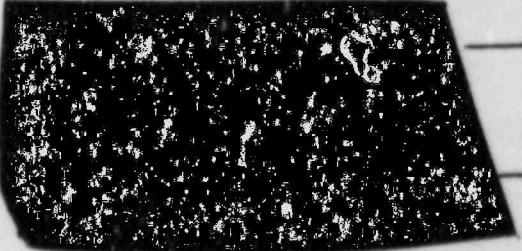
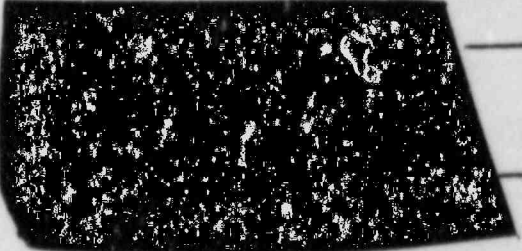
RECOVERY MANAGER

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 MCLOUD			

* 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 - PHIL CARTER			_____ _____

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. The shift supervisor in the control room will be your contact for additional information until the Crisis Management organization is in place.

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

B. Assistant Crisis News Director (ACND)

ASSISTANT CRISIS NEWS DIRECTOR

Office Telephone

Home Telephone

Shift 1 - MIKE DEMBECK
Shift 2 - PHIL CARTER



Basic Functions

The ACND supports the CND and is responsible for notifying the State Command Post Liaison (SCPL) who reports to the ACND. 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 CNC.

McGuire and Catawba

NORTH CAROLINA STATE COMMAND POST LIAISON

Office Telephone

Home Telephone

Time Called

Shift 1 - BILL RIXON
Shift 2 - GARY HEDRICK



Catawba Only

SOUTH CAROLINA STATE COMMAND POST LIAISON

Shift 1 - DON HATLEY
Shift 2 - CHRIS ROLFE



CATAWBA ONLY

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 up to date on the situation by conducting hourly briefings.

C. Public Spokesperson (PS)

PUBLIC SPOKESPERSON

Shift 1 - HAL TUCKER
Shift 2 - J. W. HAMPTON or

M. D. MCINTOSH

Office
Telephone

Home
Telephone



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)

<u>MONITOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - DON BLACKMON Shift 2 - FURMAN WARDELL		

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. Communications Coordinator (CC)

<u>COMMUNICATIONS COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
-----------------------------------	-------------------------	-----------------------

Shift 1 - SONDRA WISE
Shift 2 - LARRY DAVISON

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.
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.

F. Media Coordinator (MC)

MEDIA COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - CECILY NEWTON
Shift 2 - ALEX COFFIN

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. Organizes news conferences by notifying media, setting up auditorium and distributing news releases and transcripts (as appropriate).
6. MC reports to ACND and contacts ACND at

G. Support Coordinator (SC)

SUPPORT COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - DIANE SAVAGE
Shift 2 - SARA EPPERSON

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. 70, for logging information from the CND and to provide information to news group members.)


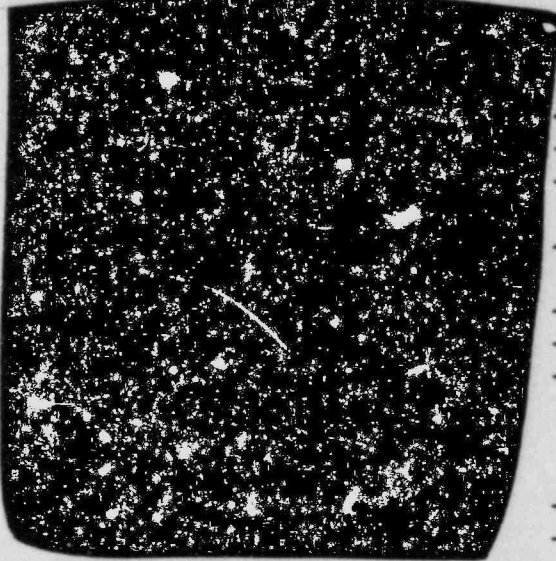
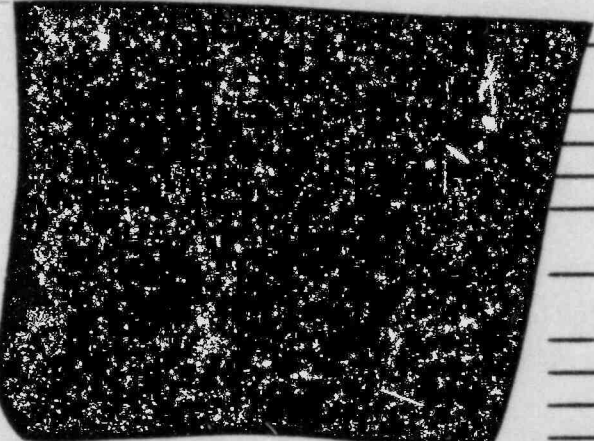
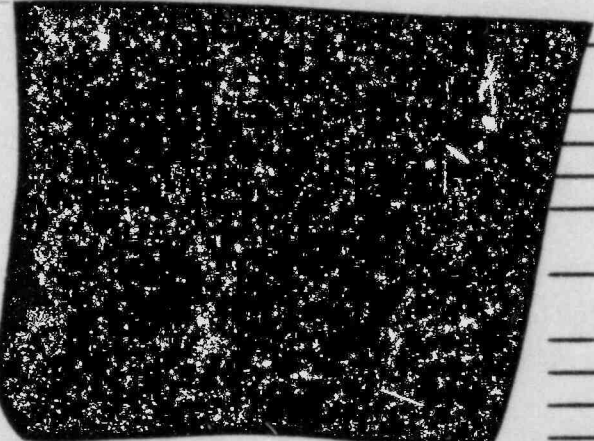
- a. Call SC second shift to assist in making first notification calls.

- (1) SC second shift will notify:

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

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

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 CAROLYN LAYMAN BETTY EVANS			_____
Shift 2 - BARBARA BROWN (Section Head) PRISCILLA LEDBETTER SHEILA ZINK TONYA SAFRIT			_____
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) FRAHER BROWN BETH ANTHONY MARIE HINSON MARCIA HALSEY			_____

SC contacts one of the two five member staffs. Section Head designates a call list from media call lists 1-5, p. 52-61, to each of the five members. Together the five call media representatives advising them of the situation. Make calls direct to save time.


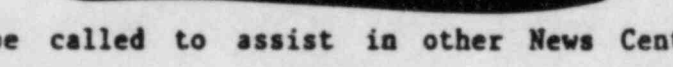
In the event that the emergency occurs in the afternoon (PM), call the morning (AM) newspapers first. If the emergency occurs in the morning (AM), call the afternoon (PM) newspapers first. AM = * PM = **

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>
Louise Ali			_____
Annette Isenhour			_____

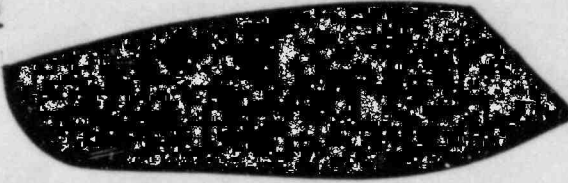
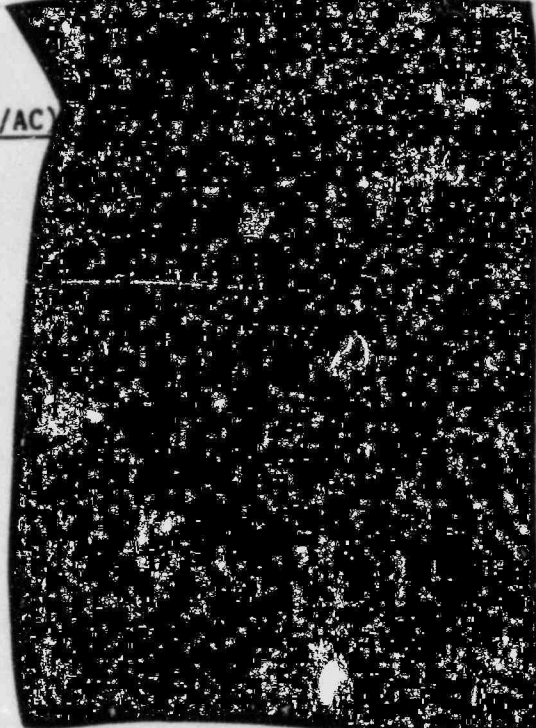
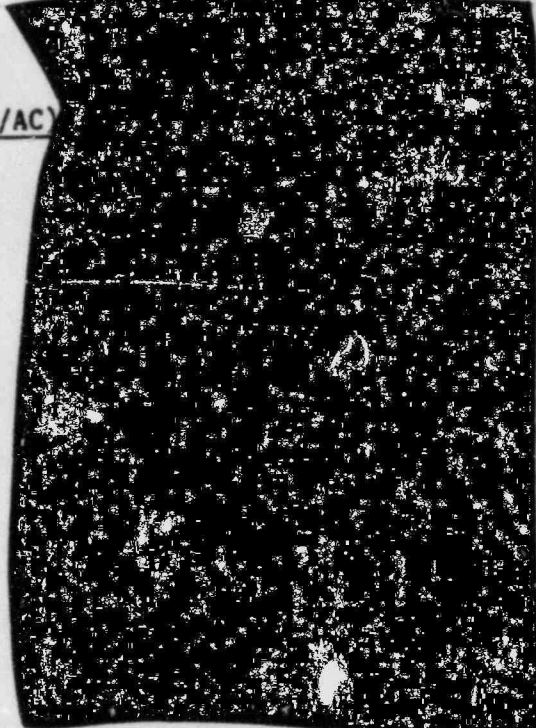
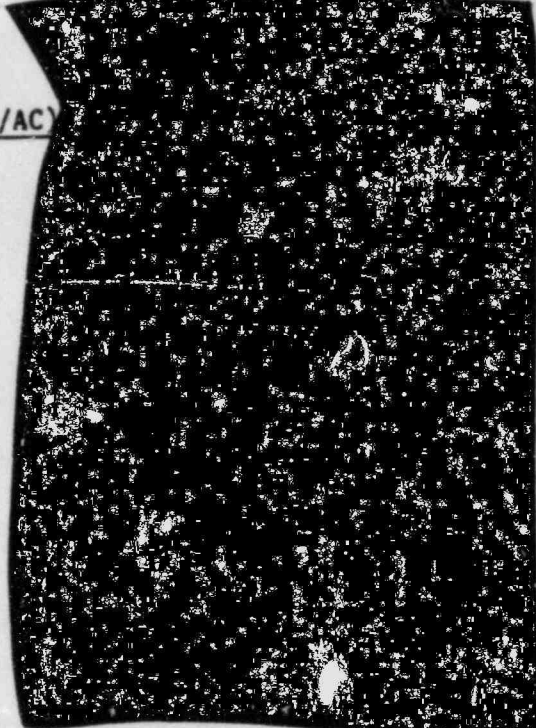
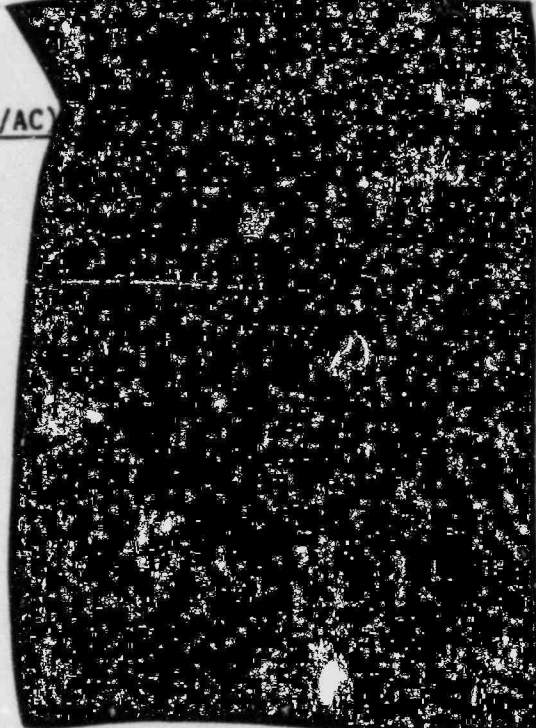
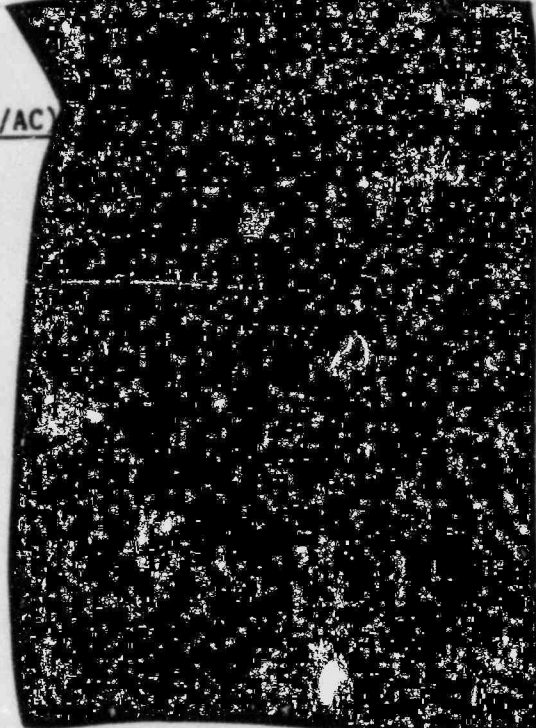
The following may be called to assist in other News Center support functions:

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

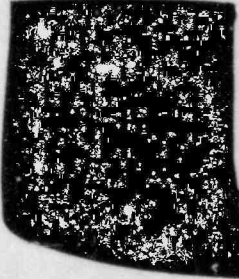
Second Shift Support Coordinator Call List

<u>Persons To Notify</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. <u>Media Coordinator (MC)</u>			
Shift 1 - CECILY NEWTON			_____
Shift 2 - ALEX COFFIN			_____
2. <u>Media Registration Coordinator (MRC)</u>			
Shift 1 - STICK WILLIAMS			_____
Shift 2 - PAT TATE			_____
3. <u>Technical Briefers (TB)</u>			
Shift 1 - ANDY THOMPSON (Section Head)			_____
SUZANNE ISOLA			_____
HARVEY DEAL			_____
DAVID PETERSON (micro)			_____
RICHARD WILSON (micro)			_____
JOHN WOLFMEYER (micro)			_____
AMY HOPE (Station)			_____
Shift 2 - JOE MAHER (Section Head)			_____
PAT OSBURN (Station) (micro)			_____
PAUL GUILL			_____
LOU DUNCAN (micro) *			_____
STEVE FRYE (SRO) (micro)			_____
JOHN WYLIE (micro)			_____
LES STALLINGS (micro)			_____
4. <u>Audio/Visual Coordinator (A/VC)</u>			
Shift 1 - PAT PAYNE (micro)			_____
Shift 2 - JIM REYNOLDS (micro)			_____

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>Communications Coordinator (CC)</u> Shift 1 - SONDRA WISE Shift 2 - LARRY DAVISON			_____ _____
6. <u>Internal Communications Coordinator (ICC)</u> Shift 1 - BILL FOX Shift 2 - BILL YODER			_____ _____
7. <u>Industry/Agency Coordinator (I/AC)</u> Shift 1 - DOCK KORNEGAY Shift 2 - MIKE BUMGARDNER			_____ _____
8. <u>Status Board Coordinator</u> Shift 1 - SHANNON SMITH Shift 2 - JANE SAWYER			_____ _____
9. <u>Catawba Owners Liaison</u> Shift 1 - DAN BROWN Shift 2 - AL NEELY			_____ _____
10. <u>Governments Coordinator (GC)</u> Shift 1 - RICK DEESE Shift 2 - ELIZABETH HARMON			_____ _____
11. <u>Calls to AP, UPI, and the two radio News Networks in N.C. and S.C.</u>			

AP

<u>Telephone</u>	<u>Time Called</u>
 (Charlotte)	_____
(Raleigh)	_____
12:30 AM - 6 AM, Sundays	
(Atlanta)	_____
)	
(Columbia)	_____

CATAWBA ONLY

H. State Command Post Liaison (SCPL)

McGuire and Catawba

NORTH CAROLINA
STATE COMMAND POST LIAISON

Shift 1 - BILL RIXON
Shift 2 - GARY HEDRICK

Catawba Only

SOUTH CAROLINA
STATE COMMAND POST LIAISON

Shift 1 - DON HATLEY
Shift 2 - CHRIS ROLFE

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.
2. The state command post liaison should be in position with the state and county PIOs and keep them informed as developments occur.
3. The state command post liaison should remain with the state and county PIOs at the news center for duration of the crisis.
4. The state command post liaison should ensure that state and county PIOs are available for news conferences.

CATAWBA
ONLY



I. Internal Communications Coordinator (ICC)

INTERNAL COMMUNICATIONS
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - BILL FOX
Shift 2 - BILL YODER

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. The employee rumor control phone number is

Primary Responsibilities

1. DRILL ONLY: One week prior to drill, mail out notice of drill with all available details to nearby division operations locations, South Boulevard and other switchboard/customer service personnel. Attached should be an up-to-date version of emergency brochure and rumor control literature. Send out initial CONTACT as status report on drill including schedule, likely time for siren activation and any other pertinent information.
2. Make at least 3 additional general status reports per day for system wide distribution.
 - Before 8:00 A. M.
 - At 12:00 Noon
 - At 4:00 P. M.
3. Contact one of the following persons to report to the CNC and assist ICC as necessary:

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - JOHNATHAN SMYLIE
Shift 2 - KATHY BRYANT

ICC support will assist in answering "rumor control" calls.

4. 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.

Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

5. ICC proceeds immediately to CNC to take up position.
6. 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.

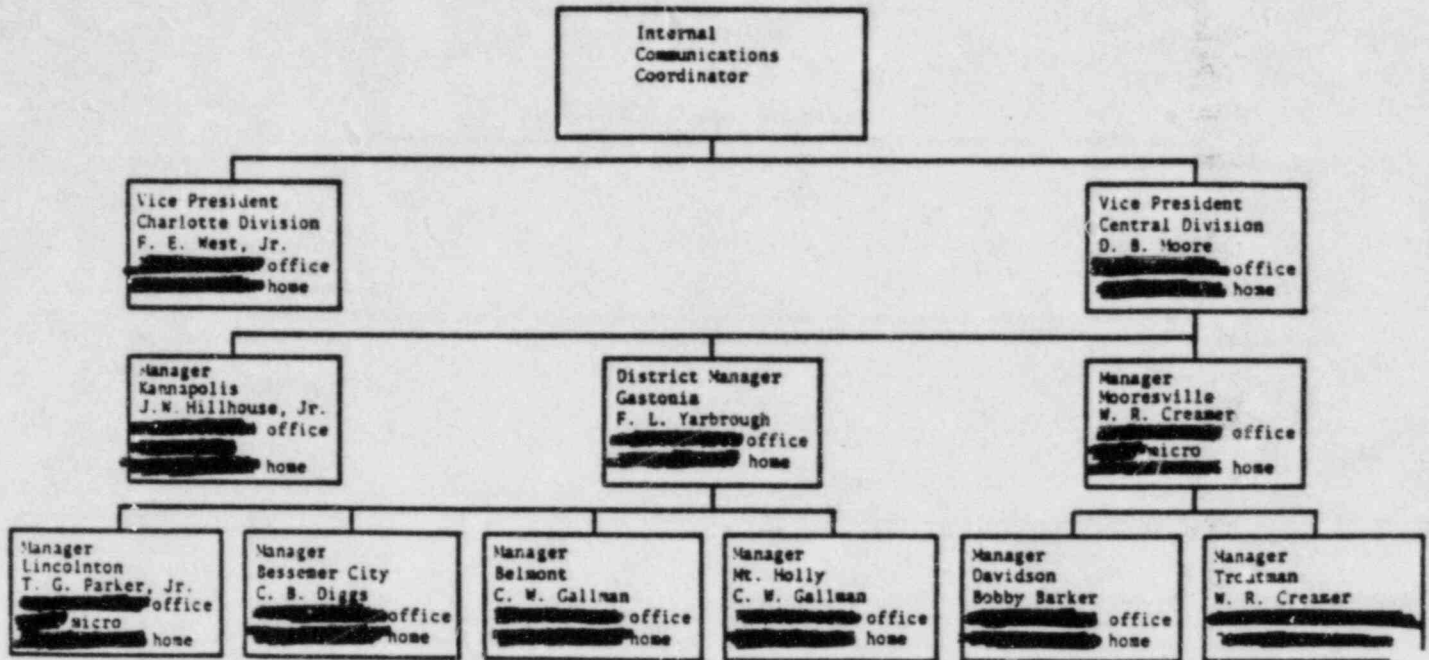
During the current plant emergency, you may receive questions from customers. Follow these guidelines when responding:

- 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
7. Disseminate information to company employees through bulletin boards, CONTACT, CRT.
 8. Remain at CNC until crisis is over and services are no longer needed.

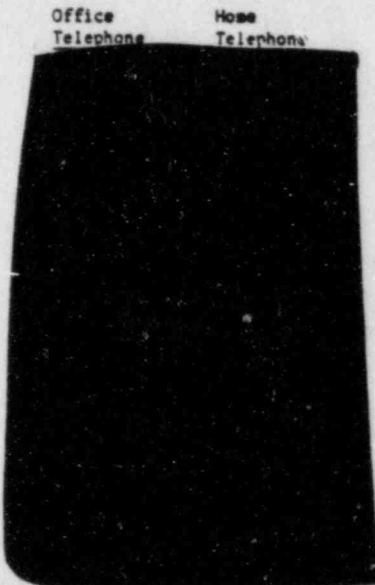
Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

Telephone Tree
McGuire Nuclear Station



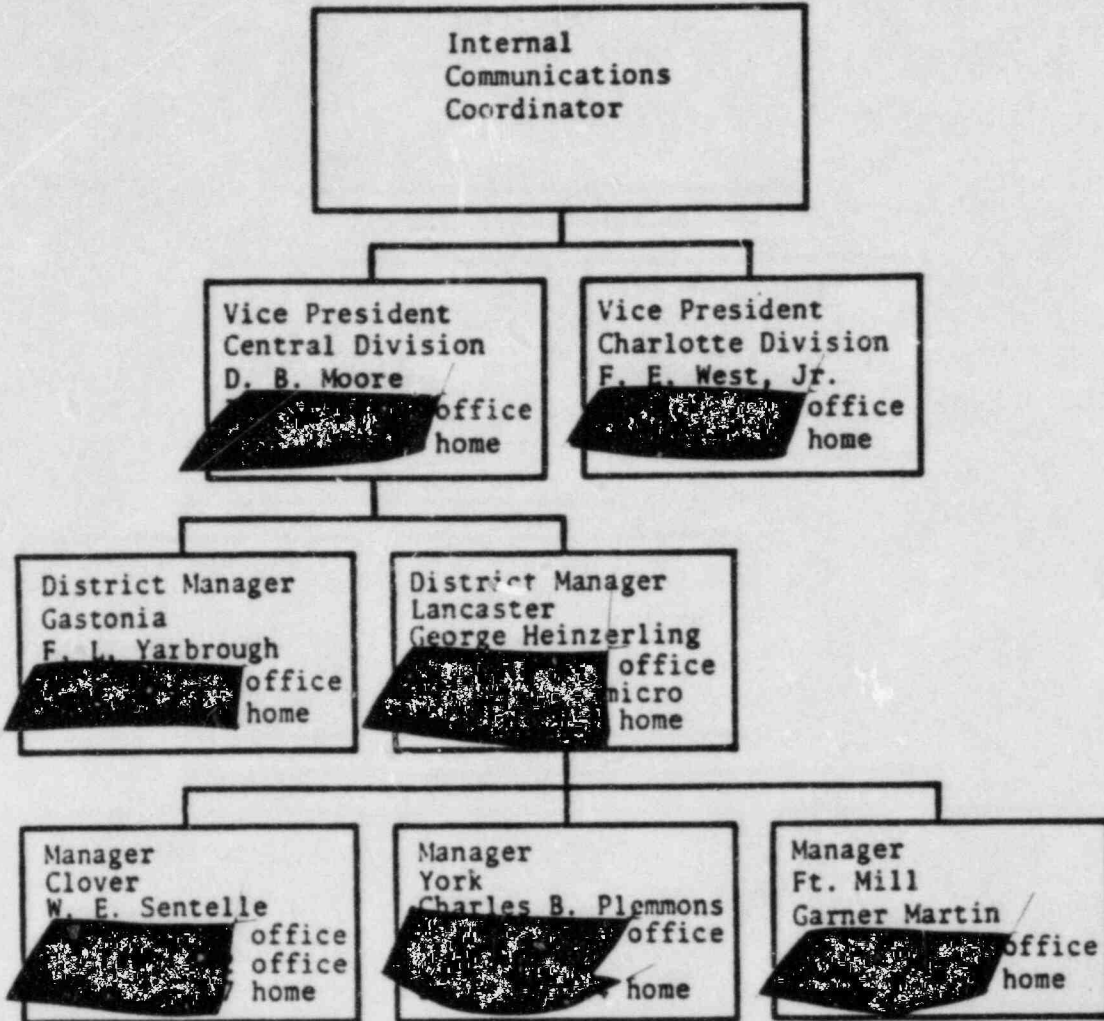
Contact	Alternate	Office Telephone	Home Telephone
F. E. West, Jr.	John Kingry Morris Bagwell		
D. B. Moore	Allen Fry Ken Taylor		
J. W. Hillhouse, Jr.	Bridget Ryan Keith Moore		
F. L. Yarbrough	Jere Zollicoffer		
W. R. Creamer	Eddie Nelson		
T. G. Parker, Jr.	Robert Wright		
C. B. Diggs	Jere Zollicoffer		
C. W. Gallman	Doug Terres		
Bobby Barker	Pat Connelly		



Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

Telephone Tree
Catawba Nuclear Station



Contact
D. B. Moore

F. E. West, Jr.

F. L. Yarbrough
George Heinzerling

W. E. Sentelle

Charles B. Plemmons

Garner Martin

Alternate
Allen Fry
Ken Taylor

John Kingry
Morris Bagwell

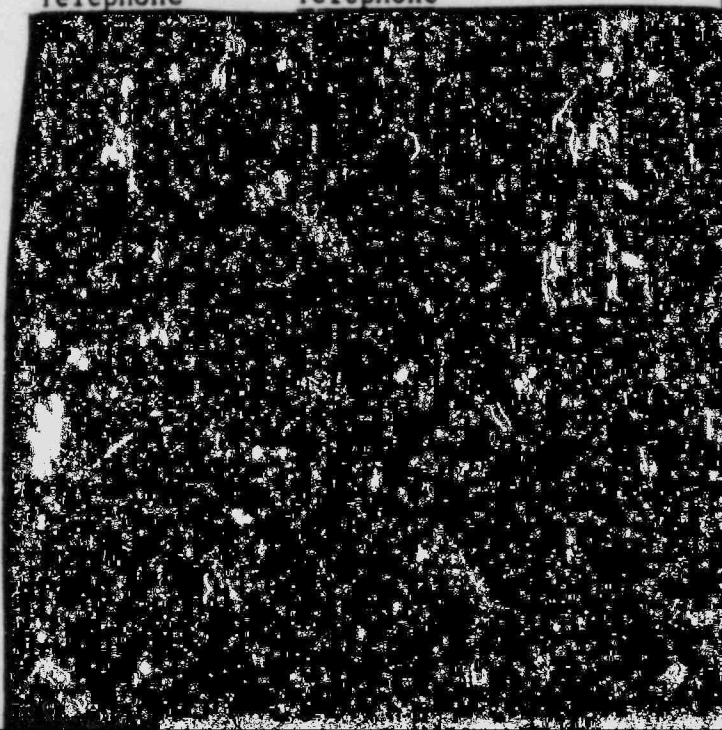
Jere Zollicoffer
Mike Agee

Charles B. Plemmons
Albert Dickson

Albert Dickson

Gene Johnson

Office Telephone Home Telephone



J. Industry/Agency Coordinator (I/AC)

<u>INDUSTRY/AGENCY COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - DOCK KORNEGAY Shift 2 - MIKE BUMGARDNER		

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 SC that the CNC is to be activated, the I/AC will contact the organizations on p. 25-26 (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.

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.

Public Affairs Office - Nuclear Regulatory Commission (NRC)

Primary: KEN CLARK 

Alternate: JOE GILLILAND _____

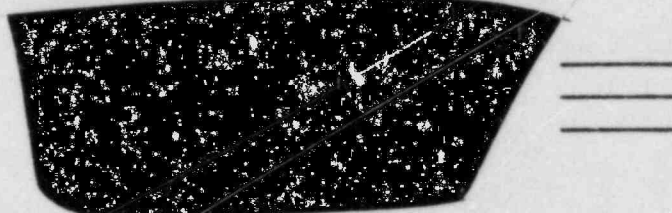
2. Institute of Nuclear Power Operations (INPO)

Primary: ANGIE HOWARD 

Alternate: HOTLINE _____

Inform them that news releases will follow by Electronic Mail.

3. Atomic Industrial Forum (AIF)

Primary: SCOTT PETERS
CARL GOLDSTEIN
PAUL TURNER 

Alternate: DUTY OFFICER _____

Inform them that news releases will follow by Electronic Mail.

4. Nuclear Safety Analysis Center (NSAC)

Primary: RAY SCHUSTER 

Alternate: DAN VAN ATTA - _____

Inform them that news releases will follow by Electronic Mail.

5. Westinghouse

Primary: MIKE MANGAN 

Alternate: LES BERKOWITZ _____

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

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			

Inform them that news releases will follow by Electronic Mail.

K. Catawba Owners Liaison (COL)

CATAWBA OWNERS LIAISON

Office
Telephone

Home
Telephone

Shift 1 - DAN BROWN

Shift 2 - AL NEELY

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 on p. 28, 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.

Catawba Owners Liaison Call List

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

L. Governments Coordinator (GC)

<u>GOVERNMENTS COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - RICK DEESE Shift 2 - ELIZABETH HARMON		

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 [redacted] 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 SC that the CNC is to be activated, the GC will contact those persons listed on p. 30-33, 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.

Governments Coordinator Call List

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

1. Division Operations

Shift 1	SUE PARSONS ROY MORRIS		_____
Shift 2	TOM GRANTHAM SHARON DECKER		_____

(Ask them to report to Corporate Communications offices and begin monitoring/taping radio-TV news programs.)

2. State Government Liaison (SGL)

Shift 1	ROY WALL (micro)		_____
Shift 2	BILLIE HENDERSON		_____

(Ask that they begin their calls.)

3. Federal Government Liaison (FGL)

Shift 1	JOHN HICKS		_____
Shift 2	BARBARA SIMPSON		_____

(Ask that they begin their calls.)

4. Elected Officials

MT. HOLLY

Primary: CHARLES BLACK, JR.

Alternate: THOMAS A. BELK, JR.

STANLEY

Primary: JAMES V. STROUPE, JR.

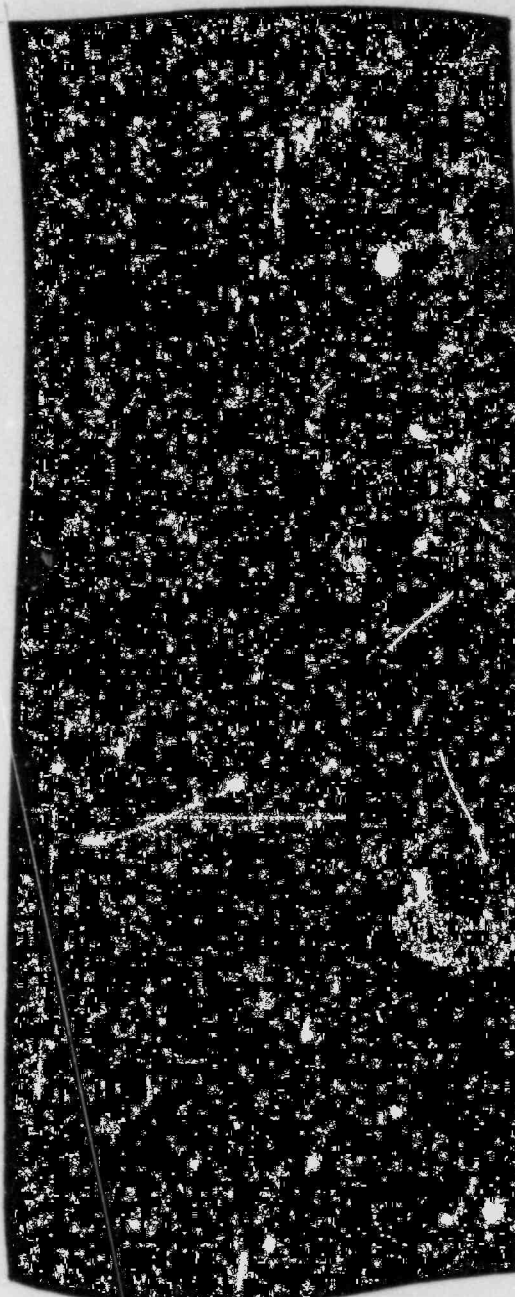
Alternate: HUGH HOVIS

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: HARVEY GANTT			_____
Alternate: MINETTE TROSCHE			_____
MECKLENBURG COUNTY			
Primary: FOUNTAIN ODOM			_____
Alternate: GERALD FOX			_____
DAVIDSON			
Primary: NANCY MacCORMAC			_____
Alternate: BILL BRANNON			_____
HUNTERSVILLE			
Primary: SARA R. McAULAY			_____
Alternate: JACK HORTON			_____

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>			
CORNELIUS			
Primary: FLETCHER JONES			_____
Alternate: PETER LYDENS			_____
IREDELL COUNTY			
Primary: JOE TROUTMAN			_____
Alternate: FRANCES MURDOCK			_____
GASTON COUNTY			
Primary: HARLEY GASTON			_____
Alternate: PHILLIP HINELY			_____
<u>CATAWBA ONLY</u>	CLOVER		
Primary: BILL WHITE			_____
Alternate: WILLIAM D. JACKSON			_____
<u>CATAWBA ONLY</u>	FORT MILL		
Primary: CHARLES POWERS			_____
Alternate: MITCH SIZEMORE			_____
<u>CATAWBA ONLY</u>	ROCK HILL		
Primary: EMMETT GEROME			_____
Alternate: WINSTON SEARLES			_____



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

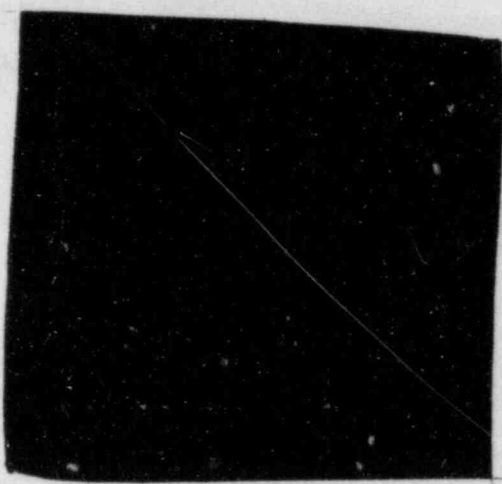
Alternate: TOMMY BENFIELD

CATAWBA ONLY

YORK COUNTY

Primary: HAROLD DICKSON

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



M. State Government Liaison (SGL)

STATE GOVERNMENT LIAISON

Office Telephone

Home Telephone

Shift 1 - ROY WALL

(micro)

Shift 2 - BILLIE HENDERSON

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 on p. 35-39, SGL Call List.
2. Contact one of the following to assist in making calls to South Carolina officials.

CATAWBA ONLY

Office Telephone

Home Telephone

Time Called

Shift 1 - ROBERT TUCKER

(micro)

Shift 2 - BETTY JEAN HUDSON

(micro)

3. Repeat the calls every 3 to 4 hours, or as warranted by the situation.

SGL Call List

1. <u>MECKLENBURG SENATE</u>	Phone Numbers	Time Called
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:	_____ _____ _____



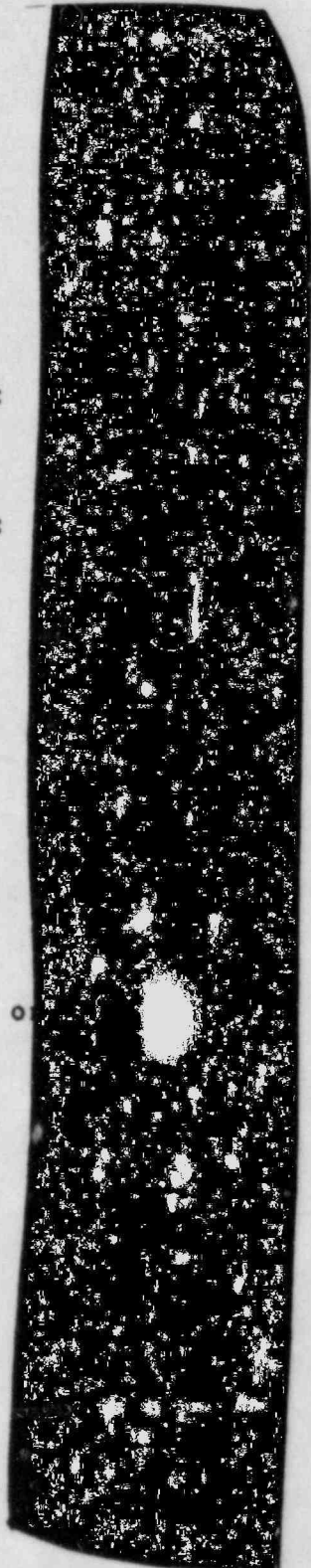
SGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
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:	_____ _____ _____



SGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
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>		
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 ONLY</u>		
John A. Martin	Columbia Office: Winnsboro Office: Winnsboro Home:	_____ _____ _____
CATAWBA 10. <u>CHESTER, FAIRFIELD & RICHLAND HOUSE ONLY</u>		
E. Crosby Lewis	Columbia Office: Columbia Home:	_____ _____



SGL Call List (cont'd)

CATAWBA 11. UNION HOUSE ONLY

James R. Arthur

Phone Numbers

Columbia Office:

Union Office:

Union Home:

Time Called

CATAWBA 12. CHESTER, LANCASTER & YORK HOUSE ONLY

Paul E. Short, Jr.

Columbia Office:

Chester Office

Chester Home:

CATAWBA 13. YORK HOUSE ONLY

John C. Hayes, III

Columbia Office

Rock Hill Office:

Rock Hill Home:

Herbert Kirsh

Columbia Office:

Clover Office:

Clover Home:

Palmer Freeman, Jr.

Columbia Office:

Rock Hill Office:

Rock Hill Home:

Samuel R. Foster

Columbia Office:

Rock Hill Office:

Rock Hill Home:

CATAWBA 14. LANCASTER HOUSE ONLY

William B. Boan

Columbia Office:

Heath Springs Office:

Heath Springs Home:

Tom G. Mangum

Columbia Office:

Lancaster Office:

Lancaster Home:

SGL Call List (cont'd)

CATAWBA ONLY 15. CHESTERFIELD, KERSHAW & LANCASTER HOUSE

Derial L. Ogburn


Phone Numbers

Columbia Office:
Jefferson Office:
Jefferson Home:

Time Called



N. Federal Government Liaison (FGL)

<u>FEDERAL GOVERNMENT LIAISON</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - JOHN HICKS		
Shift 2 - BARBARA SIMPSON		

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 on p. 41-44, FGL Call List.
2. Repeat the calls every 3 to 4 hours, or as warranted by the situation.

FGL Call List

	<u>Phone Numbers</u>	<u>Time Called</u>
1. Senator John East	Washington Office:	_____
Suzanne Tussing (Appointment Sec.)	Washington Home:	_____
Palmer Stacey (Administrative Asst.)	Washington Home:	_____
Kathy Davis (Staff Director)	District Office: District Home:	_____ _____
<hr/>		
2. Senator Jesse Helms	Washington Office:	_____
Clint Fuller (Exec. Asst.)	Washington Home:	_____
Frances Jones	Raleigh Office: Raleigh Home:	_____ _____
<hr/>		
3. Senator Ernest Hollings	Washington Office:	_____
Michael Copps (Administrative Asst.)	Washington Home:	_____
Bernard Meng (State Secretary)	Columbia Office: Columbia Home:	_____ _____
<hr/>		
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:	_____

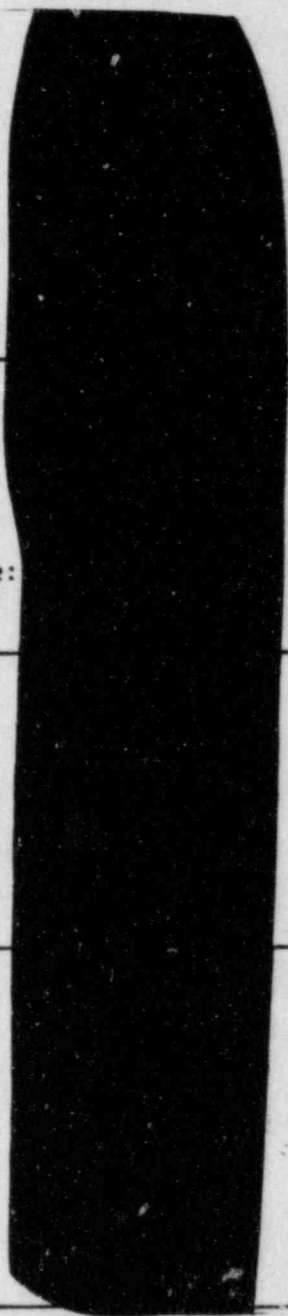


FGL Call List (cont'd)

	<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:	_____
<hr/>		
6. Rep. Robin Britt	Washington Office:	_____
Tom Ross (Administrative Asst.)	Washington Home:	_____
Jim Davis (District Asst.)	Greensboro Office:	_____
	Greensboro Home:	_____
<hr/>		
7. Rep. James T. Broyhill	Washington Office:	_____
	Washington Home:	_____
	Lenoir Home:	_____
Sharon McCrary	Lenoir Office:	_____
	Lenoir Home:	_____
<hr/>		
8. Rep. James McClure Clark	Washington Office:	_____
John Crumpler	Washington Home:	_____
Terrell Garren (Administrative Asst.)	Asheville Office:	_____
	Asheville Home:	_____
<hr/>		
9. Rep. W. G. Hefner	Washington Office:	_____
Bill McEwen (Administrative Asst.)	Washington Home:	_____
Virginia Jochems (Office Manager)	Concord Office:	_____
	Concord Home:	_____

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
10. Rep. James G. Martin	Washington Office: Washington Home: Davidson Home:	_____ _____ _____
Paul Jones	Charlotte Office: Charlotte Home:	_____ _____
Jim Loftin (Martin's Asst.)	Washington Home:	_____
<hr/>		
11. Rep. Stephen L. Neal	Washington Office:	_____
Don Abernethy (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:	_____
A. B. Swindell, IV (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:	_____ _____



FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
14. Rep. Butler Derrick (3rd District, S.C.)	Washington Office:	_____
Al Kamhi (Administrative Asst.)	Washington Home:	_____
Barbara Gaines (District Office)	Anderson Office: Anderson Home:	_____ _____
<hr/>		
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:	_____ _____

O. Media Registration Coordinator (MRC)

MEDIA REGISTRATION
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - STICK WILLIAMS
Shift 2 - PAT TATE


Basic Function

This individual will work closely with all media representatives, making sure that they are registered upon arrival at the CNC. The MRC 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 SC that the CNC is being activated, the MRC will call:

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - CATHY ROCHE (Section Head) JAN KEEGER PALMER HOLT			_____
Shift 2 - CAROL BARRETT (Section Head) ROBIN LOWE MARK McSWAIN			_____

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.
3. Will set up news conferences and will, to best of ability, inform media of next scheduled news conference.

Media Registration Coordinator (MRC)

Primary Responsibilities (cont'd)

4. 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.

5. 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

MAURICE McINTOSH

(micro)

Telecopy
Number

Time
Called



CATAWBA ONLY
EMERGENCY COORDINATOR

JIM HAMPTON

(micro)



6. MRC will function throughout duration of crisis.

P. Technical Briefers (TB)

<u>TECHNICAL BRIEFERS</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - ANDY THOMPSON (Section Head) SUZANNE ISOLA HARVEY DEAL DAVID PETERSON (micro) RICHARD WILSON (micro) JOHN WOLFMEYER (micro) AMY HOPE (Station)		
Shift 2 - JOE MAHER (Section Head) PAT OSBURN (Station) PAUL GUILL LOU DUNCAN (micro) STEVE FRYE (SRO) (micro) * JOHN WYLIE (micro) LES STALLINGS (micro)		

Basic Functions

The TB have three 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.
3. Assist in handling "rumor control" calls.

At least six 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.

Technical Briefers (TB) (cont'd)

Primary Responsibilities

1. Upon notification by the SC that the CNC is to be activated, the TB will go to the CNC to perform their role. Section head will assign other technical briefers to CNC phones, Media Center and Station as necessary.
2. Brief the state and county PIOs and keep them informed of plant developments.

Q. Audio/Visual Coordinator (A/VC)

<u>AUDIO/VISUAL COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
---------------------------------	-------------------------	-----------------------

Shift 1 - PAT PAYNE
(micro)

Shift 2 - JIM REYNOLDS
(micro)

Bar Func

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 CNC 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 SC 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 - MICKIE STEVENS (micro)	[REDACTED]	[REDACTED]	_____
HUGH DEADWYLER (micro)			_____
Shift 2 - TONY BARNES (micro)	[REDACTED]	[REDACTED]	_____
RALPH BRADSHAW, JR. (micro) *2			_____

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.

R. Secretarial Team

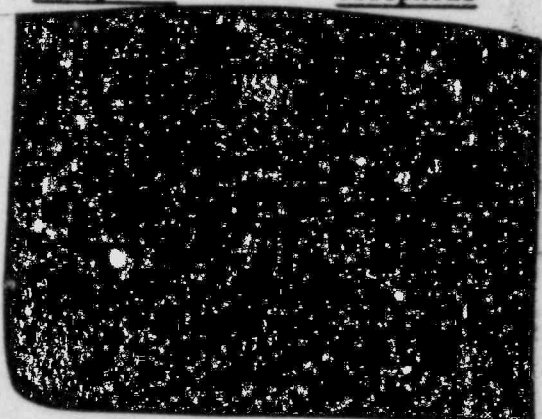
SECRETARIAL TEAM

Office
Telephone

Home
Telephone

Shift 1 - BETH MASURAT
(Section Head)
PEARL McBRIDE
CAROLYN LAYMAN
BETTY EVANS

Shift 2 - BARBARA BROWN
(Section Head)
PRISCILLA LEDBETTER
SHEILA ZINK
TONYA SAFRIT



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. Use Electronic Mail and 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) Post and deliver in Recovery Manager's office, WC-1010.
- (2) Post and deliver in the News Center Facility, O. J. Miller Auditorium.
- (3) CNC personnel
- (4) Post on Corporate Communications bulletin board
- (5) 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

Secretarial Team

Primary Responsibilities (cont'd)

ELECTRONIC MAIL (news releases)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>(INFORMATION ONLY)</u>	
		<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>

INPO

Angie Howard

(8 am-5 pm)

AIF

Scott Peters, or
Carl Goldstein,
or
Paul Turner

NSAC

Ray Schuster, or
Dan Van Atta

EEL

Kirk Willison

TELECOPY (news releases)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>(INFORMATION ONLY)</u>	
		<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>

ANS

V. Gay Easley, or
Darlene Schmidt

NRC

Ken Clark

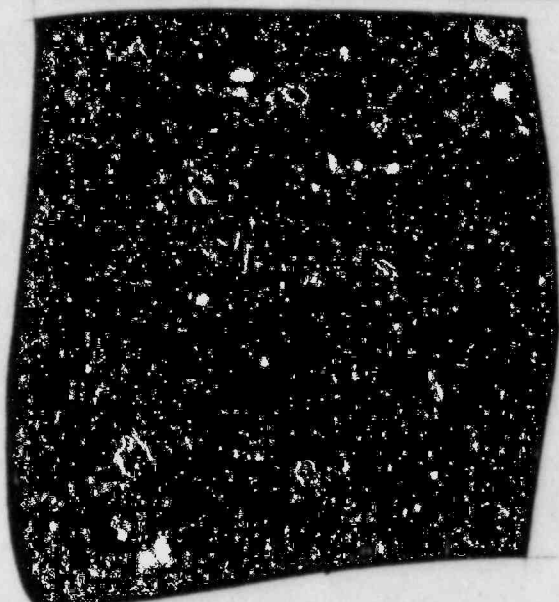
WESTINGHOUSE

Mike Mangan

Secretarial Team

Primary Responsibilities (cont'd)

TELECOPY (news releases) (cont'd)

<u>COMPANY</u> <u>NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>CATAWBA</u> <u>ONLY</u>	SC State Gov. Bill Goodwin <u>Office</u>		
<u>CATAWBA</u> <u>ONLY</u>	<u>AP</u>		
	<u>AP</u>		
<u>CATAWBA</u> <u>ONLY</u>	<u>UPI</u>		
	<u>UPI</u>		

S. Media Notification Team

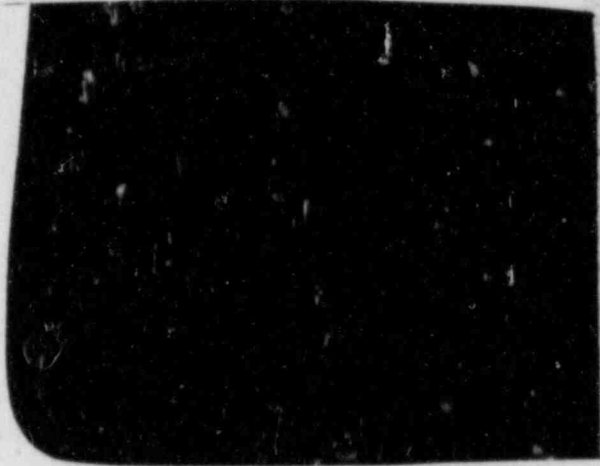
MEDIA NOTIFICATION TEAM

Office
Telephone

Home
Telephone

Shift 1 - JOYCE BEYER
(Section Head)
WILMA KINARD
PEGGY HENDERSON
JUDY PORTER
DEBBIE HAWKINS

Shift 2 - BERNIE MILLS
(Section Head)
FRAHER BROWN
BETH ANTHONY
MARIE HINSON
MARCIA HALSEY



Basic Function

1. Assists the SC.
2. Makes media calls as directed by the Section Head from media call list, p. 54-63.
3. At completion of calls, assists with clerical/secretarial support within the crisis news group as directed by the SC.

Media Call List 1

	<u>Time Called</u>		<u>Time Called</u>
1. *,**		2.	
CHARLOTTE OBSERVER (AM, and CHARLOTTE NEWS (PM) [redacted] (Oppel's office) [redacted] (Ethridge office) Charlotte, NC 28201 Rick Oppel, Editor	[redacted]	WAYS/ROO [redacted] (main number) [redacted] (Kilgo's office) Charlotte, NC 28216 John Kilgo, News Director	[redacted]
Alternate numbers: Rick Oppel (H) Mark Ethridge (H)	[redacted]	Alternate number: News Room (manned 24 hrs/day)	[redacted]
3.		4. **	
WEGO [redacted] Concord, NC 28025 William Rollins, General Mgr.	[redacted]	GASTONIA GAZETTE (PM) [redacted] Gastonia, NC 28052 Bill Williams, Editor	[redacted]
Alternate number: Nancy Cooper (H) (Station Manager)	[redacted]	Alternate numbers: Bill Williams (H) Gennie Palmer (H) Don Hudson (H)	[redacted]
5. **		6. **	
SALISBURY POST (PM) [redacted] Salisbury, NC 28144 Steve Bouser, Editor	[redacted]	ENTERPRISE (PM) [redacted] High Point, NC 27261 Joe Brown, Editor	[redacted]
Alternate numbers: Steve Bouser (H) Jason Lesley (H)	[redacted]	Alternate number: Joe Brown (H)	[redacted]

* = AM
** = PM

Media Call List 1 (cont'd)

Time
Called

Time
Called

7. *

8. **

WINSTON-SALEM JOURNAL (AM)

WINSTON-SALEM SENTINEL (PM)

Winston-Salem, NC 27102

Winston-Salem, NC 27102

Joe Goodman, Editor

Fred Flagler, Editor

Alternate numbers:

Alternate numbers:

Joe Goodman (H)

Fred Flagler (H)

Sylvia Lane (H)

Jim Laughlin (H)

9.

10.

WYFF-TV

WSPA-TV

Greenville, SC 29602

Spartanburg, SC 29304

Mary McCarthy, News Director

Kevin Kelly, News Director

Alternate numbers:

Alternate numbers:

Mary McCarthy (H)

Hot Line to News Room

David Graves (H)

Jim Walrod, Asst. (H)

News Director

11. *

NEWS & OBSERVER (AM)

Raleigh, NC 27602

Claude Sitton, Editor

Alternate numbers:

Claude Sitton (H)

Bob Brooks (H)

* = AM

** = PM

Media Call List 2

	<u>Time Called</u>		<u>Time Called</u>
1. **		2. *	
WBTB		WSOC	
[Redacted] (Main Number)		[Redacted] (Main number)	
[Redacted] (News room)		[Redacted] (News room)	
Charlotte, NC 28208		Charlotte, NC 28201	
Ron Miller, News Director		Leslie Wolfe, Acting News Director	
Alternate numbers:		Alternate numbers:	
Keith Young (H) [Redacted]		Leslie Wolfe (H) [Redacted]	
Graham Wilson (H) [Redacted]		Scott Griffin (H) [Redacted]	
Brian Thompson (H) [Redacted]			
<hr/>		<hr/>	
3. **		4. **	
ROCK HILL EVENING HERALD (PM)		DAILY INDEPENDENT (PM)	
[Redacted]		[Redacted]	
Rick Hill, SC 29730		Kannapolis, NC 28081	
Russel H. Rein, Exec Ed		Don Smith, Managing Ed	
Alternate numbers:		Alternate number:	
Russel Rein (H) [Redacted]		Don Smith (H) [Redacted]	
Jeff Cowart (H) [Redacted]			
(City Editor)			
<hr/>		<hr/>	
5. **		6. **	
DAILY RECORD (PM)		LEXINGTON DISPATCH (PM)	
[Redacted]		[Redacted]	
Hickory, NC 28601		Lexington, NC 27292	
Bill Kincaid, Editor		Ralph Simpson, Editor	
Alternate numbers:		Alternate number:	
Bill Kincaid (H) [Redacted]		Ralph Simpson (H) [Redacted]	
Troy Houser (H) [Redacted]			
<hr/>		<hr/>	

* = AM
 ** = PM

Media Call List 2 (cont'd)

	<u>Time Called</u>	<u>Time Called</u>
7.		8. *,**
WSJS/WTOR (Main number) (News room) Winston-Salem, NC 27102 Wayne Willard, News Director		GREENSBORO DAILY NEWS (AM), and GREENSBORO RECORD (PM) Greensboro, NC 27402 Ben Bowers, Exec Ed
Alternate number: Control Room (manned at all times)		Alternate number: City Desk (O) (manned at all times)
9.		10. *
WTVD-TV Durham, NC 27702 Ned Warwick, News Director		ANDERSON INDEPENDENT MAIL (AM) Anderson, SC 29621 Dick Gorrell, Vice Pres. & Ed Jim Calfee, Managing Ed
Alternate numbers: News Room after 5:30 PM News Room after 5:30 PM Control Room - all hours Guard Station - all hours		Alternate number: Dick Gorrell (H)
11. **		
RALEIGH TIMES (PM) Raleigh, NC 27602 A. C. Snow, Editor		
Alternate numbers: A. C. Snow (H) Mike Yopp (H)		

* = AM
 ** = PM

Media Call List 3

	<u>Time Called</u>		<u>Time Called</u>
1. **		2.	
ENQUIRER-JOURNAL (PM)		WCSL	
Monroe, NC 28110		Cherryville, NC 28021	
Sid Hart, Editor		Calvin Hastings, Gen. & Sales Mgr.	
Alternate number: Sid Hart (H)		Alternate numbers: Milton Baker (H) Calvin Hastings (H)	
3. **		4.	
RECORD AND LANDMARK (PM)		WBIG	
Statesville, NC 28677		Greensboro, NC 27420	
Jerry Josey, Managing Ed.		Lloyd Gordon, News Director	
Alternate numbers: Jerry Josey (H) Neil Furr (H) Darrell Hathcock (H)		Alternate numbers: News Room (manned all hours except 12 Midnight - 7 A.M. Sundays) Lloyd Gordon (H)	
5.		6. *	
WFMY-TV		DURHAM MORNING HEARLD (AM)	
Greensboro, NC 27420		Durham, NC 27702	
Al Hinman, Managing Ed		Dick Jones, City Ed	
Alternate numbers: 6 P.M. - 11:45 P.M. & Weekends News Room		Alternate number: Dick Jones (H)	
Al Warlick (H) Mike McCall (H)			

* = AM
** = PM

Media Call List 3 (cont'd)

Time
Called

Time
Called

7. **

DURHAM SUN (PM)

Durham, NC 27702
Carlton Harrell, Managing
Ed

Alternate number:
Carlton Harrell (H)

8. *

GREENVILLE NEWS (AM)

Greenville, SC 29602
Allen Clark, City Ed
Tom Hutchinson, Managing Ed

Alternate numbers:
Allen Clark (H)
Tom Hutchinson (H)

9. **

GREENVILLE PIEDMONT (PM)

Greenville, SC 29602
Dale Gibson, Managing Ed

Alternate number:
Dale Gibson (H)

10. **

GREENWOOD INDEX JOURNAL (PM)

Greenwood, SC 29646
William Collins, Exec News Ed
John Watson, Managing Ed.

Alternate number:
John Watson (H)

11.

WIS-TV

Columbia, SC 29201
Gary Anderson, News Dir.

Alternate numbers:
Gary Anderson (H)
Lonnie Wehunt (H)

* = AM
** = PM

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, Assign News Ed		Larry Seagle, News Director Jack Brown, Manager	
Alternate numbers:		Alternate numbers:	
Tonia Morrison (H)		Larry Seagle (H)	
Dan Ezell (H)		Jack Brown (H)	
<hr/>		<hr/>	
3.		4.	
MOORESVILLE TRIBUNE		MECKLENBURG GAZETTE	
Mooreville, NC 28115		Davidson, NC 28036	
Len Sullivan, Editor		Gail Derwort, Associate Ed	
Alternate number:		Alternate number:	
Len Sullivan (H)		Gail Derwort (H)	
<hr/>		<hr/>	
5.		6. **	
OBSERVER-NEWS-ENTERPRISE		DAILY STAR (PM)	
Newton, NC 28658		Shelby, NC 28150	
Sylvia Ray, Managing Ed		Ted Hall, Editor	
Alternate number:		Alternate number:	
Sylvia Ray (H)		Ted Hall (H)	
<hr/>		<hr/>	

* = AM
** = PM

Media Call List 4 (cont'd)

Time
Called

Time
Called

7. *,**

8. *,**

SPARTANBURG HERALD-JOURNAL (AM, PM)

STATE (AM)
RECORD (PM)

Spartanburg, SC 29301

Rudy Rivers, News Ed

Leslie Timmis, Managing Ed _____

Anderson, SC 29622

Tom N. McLean, Ex News Ed _____

Alternate number:

Rudy Rivers

(H)

Alternate numbers:

Charlie Byers

(H)

Harry Logan

(H)

Robert Hitt

(H)

9.

10.

WPTF

WANS

Raleigh, NC 27602

Bart Ritner, News Director _____

Anderson, SC 29622

Bob Armstrong, News Dir. _____

Alternate number:

Bart Ritner

(H)

Alternate number:

Bob Armstrong

(H)

11.

WRAL-TV

Raleigh, NC 27101

Ron Price, News Director _____

Alternate number:

News Room

(manned 24 hrs/day)

* = AM
** = PM

Media Call List 5

	<u>Time Called</u>	<u>Time Called</u>
1.		2.
WPT-AM		WSOC-TV
Charlotte, NC 28208		Charlotte, NC 28201
Scott White, News Director		Dick Moore, News Director
Alternate number: Scott White (H)		Alternate numbers: Dick Moore (H) Wayne Houseman (H)
3. **		4.
CONCORD TRIBUNE (PM)		WGAS
Concord, NC 28025		Gastonia, NC 28052
John Kennedy, Editor		Glenn Mace, President
Bill Ross, Managing Editor		
Alternate numbers: John Kennedy (H) Bill Ross (H)		Alternate numbers: Glenn Mace (H) Earl Mace (H)
5.**		6.
NEWS TOPIC (PM)		WXII - TV
Lenoir, NC 28645		Winston-Salem, NC 27106
Steve Sumlin, Editor		Dave Emery, News Dir.
Alternate number: Steve Sumlin (H)		Alternate number: Dave Emery (H) 919/766-0948

* = AM
** = PM

Media 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	
Larry Stirewalt, News Director		David M. Spear, Publisher	
Alternate numbers:		Alternate number:	
Larry Stirewalt(H)		David M. Spear (H)	
Ralph Shaw (H)			
<hr/>			
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)	
<hr/>			
11.			
WLOS-TV			
Greenville, SC 29602			
Dale Weiss, Bureau Chief			
Alternate numbers:			
For Asheville			
Dale Weiss (H)			
<hr/>			

* = AM
* = PM

T. Status Board Coordinator (SBC)

STATUS BOARD COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - SHANNON SMITH
Shift 2 - JANE SAWYER

Basic Function

To keep the News Center staff updated on plant developments by maintaining boards identical to the ones in the Recovery Manager's office.

This position must function as fast as possible either by acting as a "runner" between the Recovery Manager's office and the News Center or, if time does not permit, by phone.

Primary Responsibilities

Upon notification by the SC that the CNC has been activated, the SBC will report to the Recovery Manager's office to monitor and record plant developments.

Report to the Support Coordinator by phone upon arriving at the Recovery Manager's office.

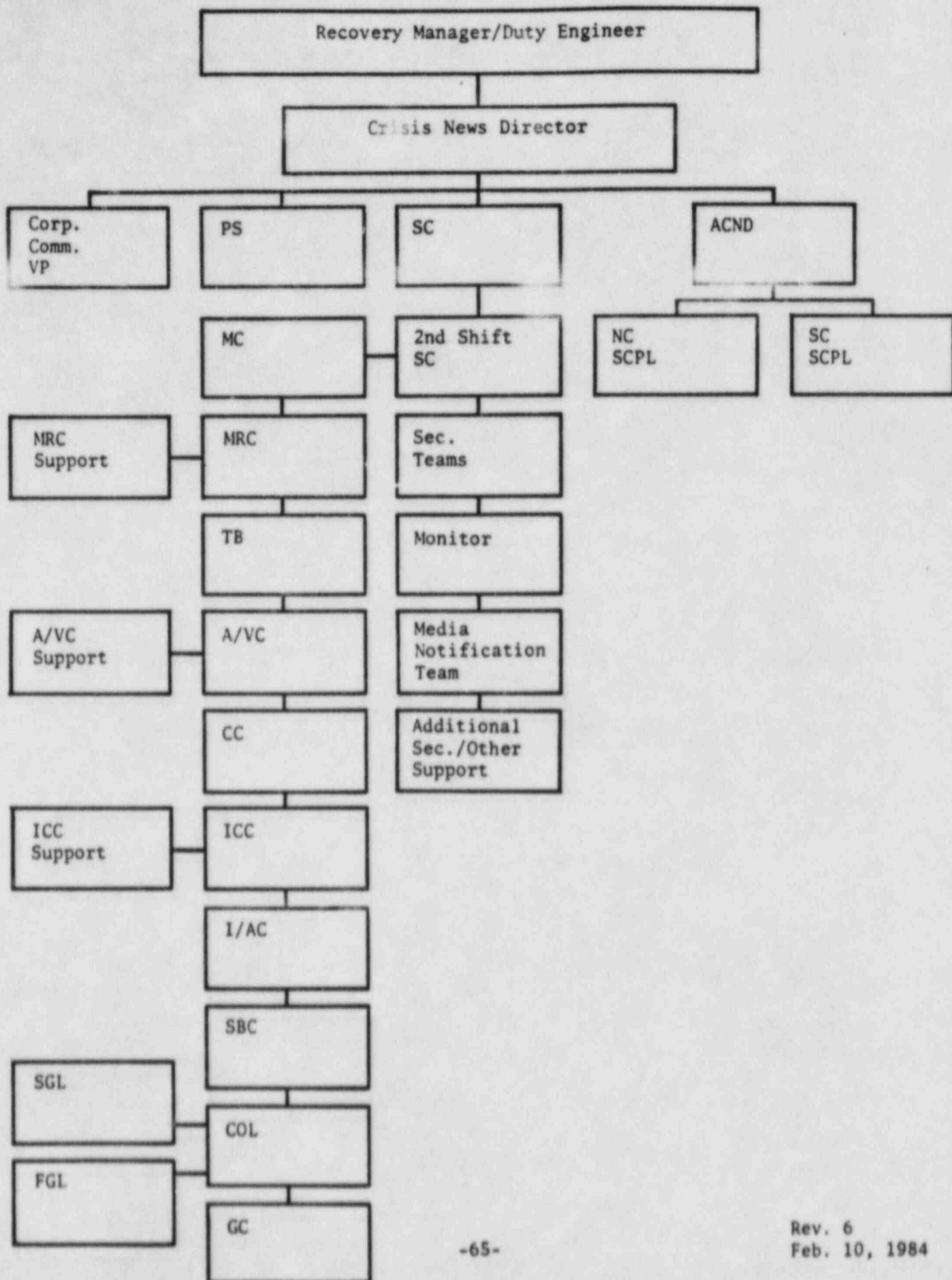
As major events occur, SBC must keep plant developments boards in CNC updated at regular intervals.

Remain at CNC/Recovery Manager's office for duration of crisis.

SBC reports to the support coordinator.

IV. NEWS GROUP ACTIVATION

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



V. NEWS CENTER FACILITY

As described in Figure 5, p. 75, 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 6, p. 76.

The CNC staff will work out of the Corporate Communications Department located on the fifth floor of the Power Building.

The Crisis News Director, Public Spokesperson, and Monitor will take up positions in the Recovery Manager's office as shown in Figure 7, p. 77.

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

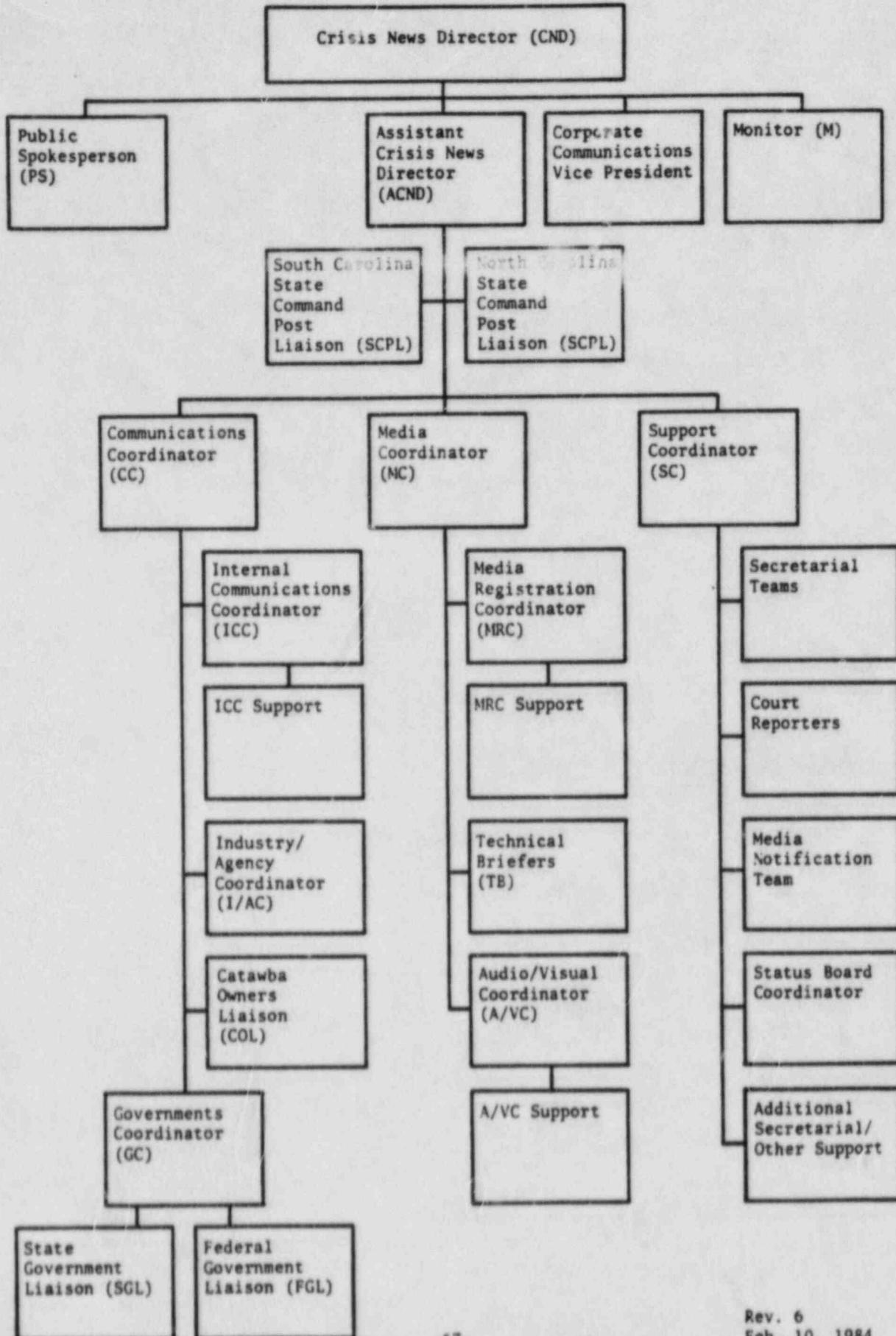


Figure 1 (cont'd)

NAME/TITLE

Crisis News Director

Shift 1 - Mary Cartwright
Shift 2 - Mary Boyd

Assistant Crisis News Director

Shift 1 - Mike Dembeck
Shift 2 - Phil Carter

Vice President, Corporate Communications

J. Kenneth Clark

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

Communications Coordinator

✓ Shift 1 - Sondra Wise
✓ Shift 2 - Larry Davison

Media Coordinator

Shift 1 - Cecily Newton
✓ Shift 2 - Alex Coffin

Support Coordinator

✓ Shift 1 - Diane Savage
✓ Shift 2 - Sara Lee Epperson

South Carolina

State Command Post Liaison

✓ Shift 1 - Don Hatley
✓ Shift 2 - Chris Rolfe

Figure 1 (cont'd)

North Carolina
State Command Post Liaison

Shift 1 - Bill Rixon
✓Shift 2 - Gary Hedrick

Internal Communications Coordinator

✓Shift 1 - Bill Fox
✓Shift 2 - Bill Yoder

Internal Communications Coordinator Support

✓Shift 1 - Jonathan Smylie
Shift 2 - Kathy Bryant

Industry/Agency Coordinator

✓Shift 1 - Dock Kornegay
✓Shift 2 - Mike Bumgardner

Catawba Owners Liaison

✓Shift 1 - Dan Brown
✓Shift 2 - Al Neely

Governments Coordinator

✓Shift 1 - Rick Deese
✓Shift 2 - Elizabeth Harmon

State Government Liaison

Shift 1 - Roy Wall
Shift 2 - Billie Henderson

Federal Government Liaison

Shift 1 - John Hicks
Shift 2 - Barbara Simpson

Media Registration Coordinator

Shift 1 - Stick Williams
✓Shift 2 - Pat Tate

Figure 1 (cont'd)

Media Registration Coordinator Support

- Shift 1 - ✓ Cathy Roche - Section Head
✓ Jan Keeger
✓ Palmer Holt
- Shift 2 - ✓ Carol Barrett - Section Head
✓ Robin Lowe
✓ Mark McSwain

Technical Briefers

- Shift 1 - ✓ Andy Thompson - Section Head
✓ Suzanne Isola
Harvey Deal
David Peterson
Richard Wilson
✓ John Wolfmeyer (SRO)
✓ Amy Hope (Station)
- Shift 2 - ✓ Joe Maher - Section Head
Pat Osburn (Station)
- Paul Guill
✓ Lou Duncan
Steve Frye (SRO)
- John Wylie
✓ Les Stallings

Audio/Visual Coordinator

- Shift 1 - ✓ Pat Payne
Shift 2 - ✓ Jim Reynolds

Audio/Visual Coordinator Support

- Shift 1 - ✓ Mickie Stevens
✓ Hugh Deadwyler
- Shift 2 - ✓ Tony Barnes
✓ Ralph Bradshaw, Jr.

Secretarial Team

- Shift 1 - ✓ Beth Masurat - Section Head
✓ Pearl McBride
Carolyn Layman
✓ Betty Evans
- Shift 2 - ✓ Barbara Brown - Section Head
Priscilla Ledbetter
✓ Sheila Zink
Tonya Safrit

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
Fraher Brown
Beth Anthony
Marie Hinson
Marcia Halsey

Status Board Coordinator

Shift 1 - Shannon Smith
Shift 2 - Jane Sawyer

Additional Secretarial/Other Crisis News Center Support

Secretarial Support

Louise Ali
Annette Isenhour

Other CNC Support

Jim Hale
Toney Mathews
Mary Cele Bain
Jesse Swords
Carl Leonard

Division Operations

Sue Parsons
Roy Morris
Tom Grantham
Sharon Decker

FIGURE 2

Crisis Management Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

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 Center 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 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).

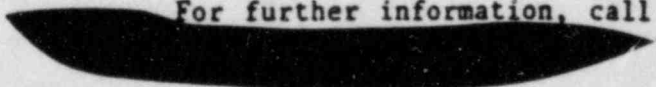
Preliminary information indicates (give nature of problem).

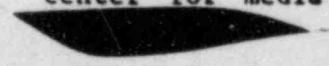
The status of the accident situation is (stable/improving/degrading/not known).

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


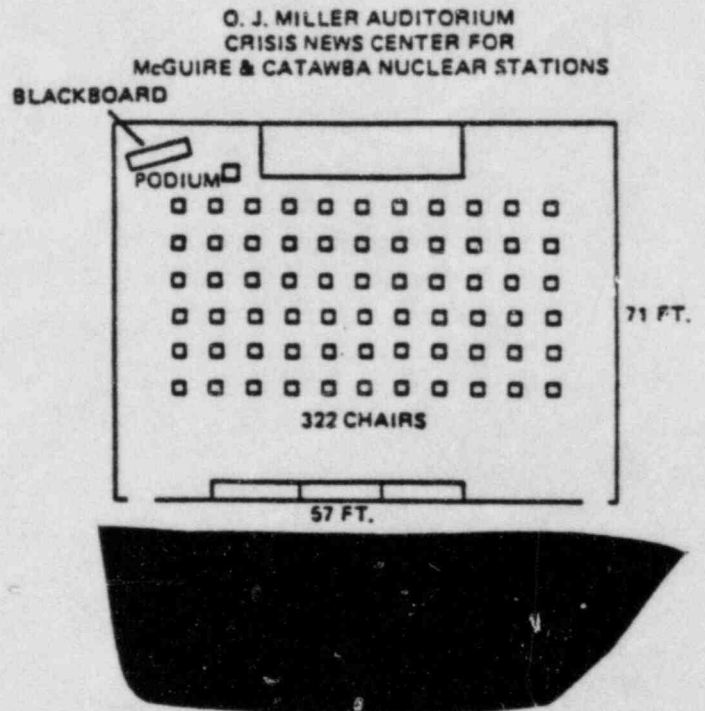
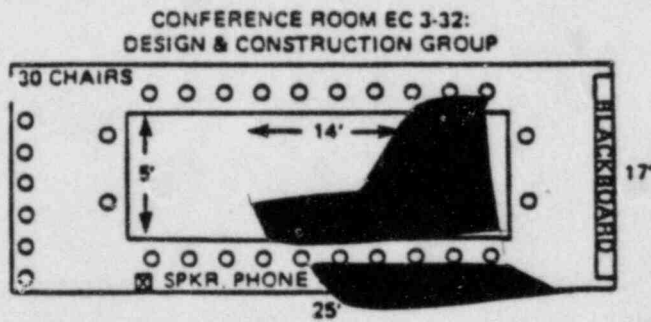
NOTE: A news center is being activated at the O. J. Miller Auditorium in the
Electric Center in Charlotte. Facilities will be made available at the
center for media representatives. The news center phone number is


DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

McGUIRE/CATAWBA CMC

Figure 5

ELECTRIC CENTER ROOMS
DESIGNATED FOR EMERGENCY USE

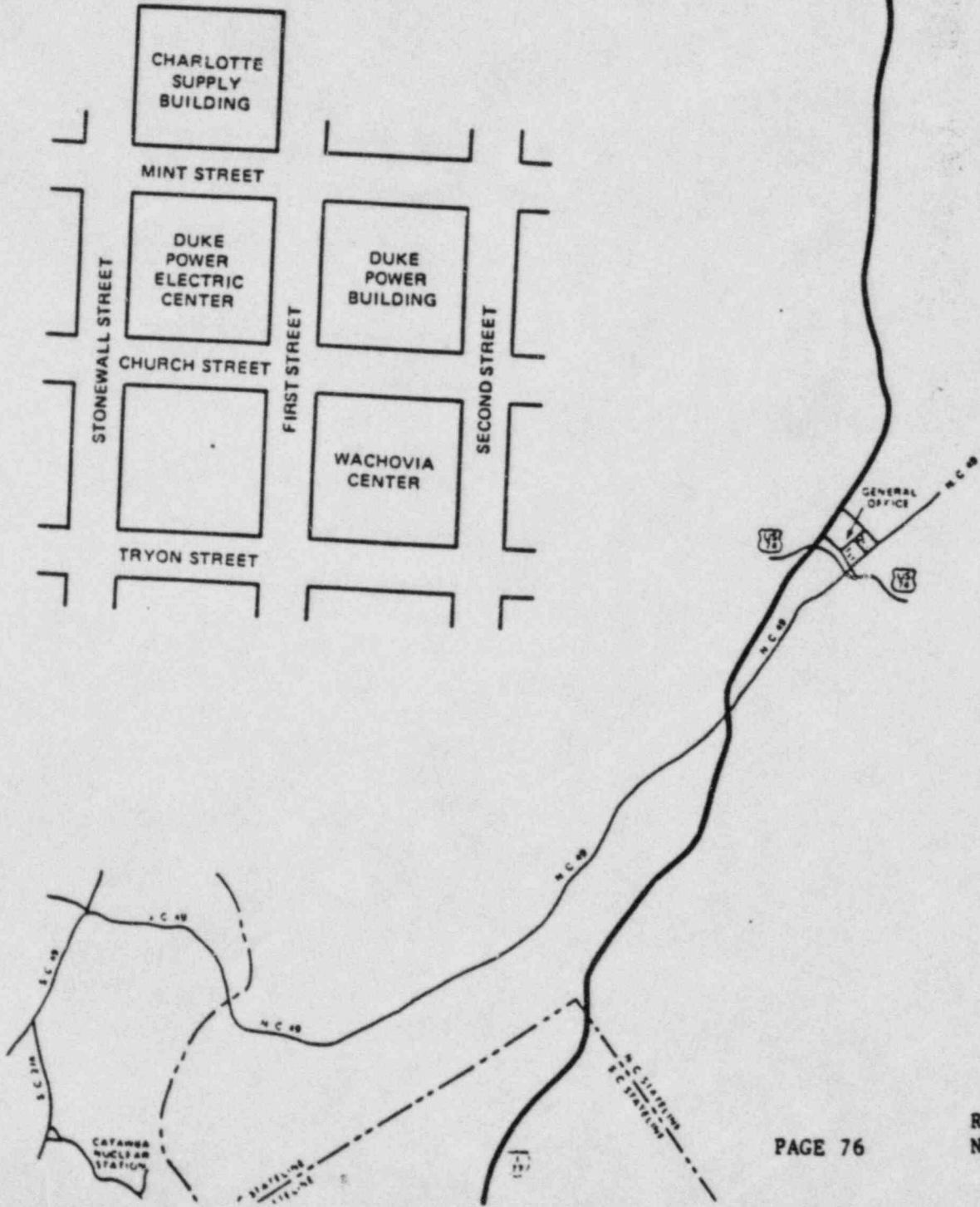


DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

FIGURE 6

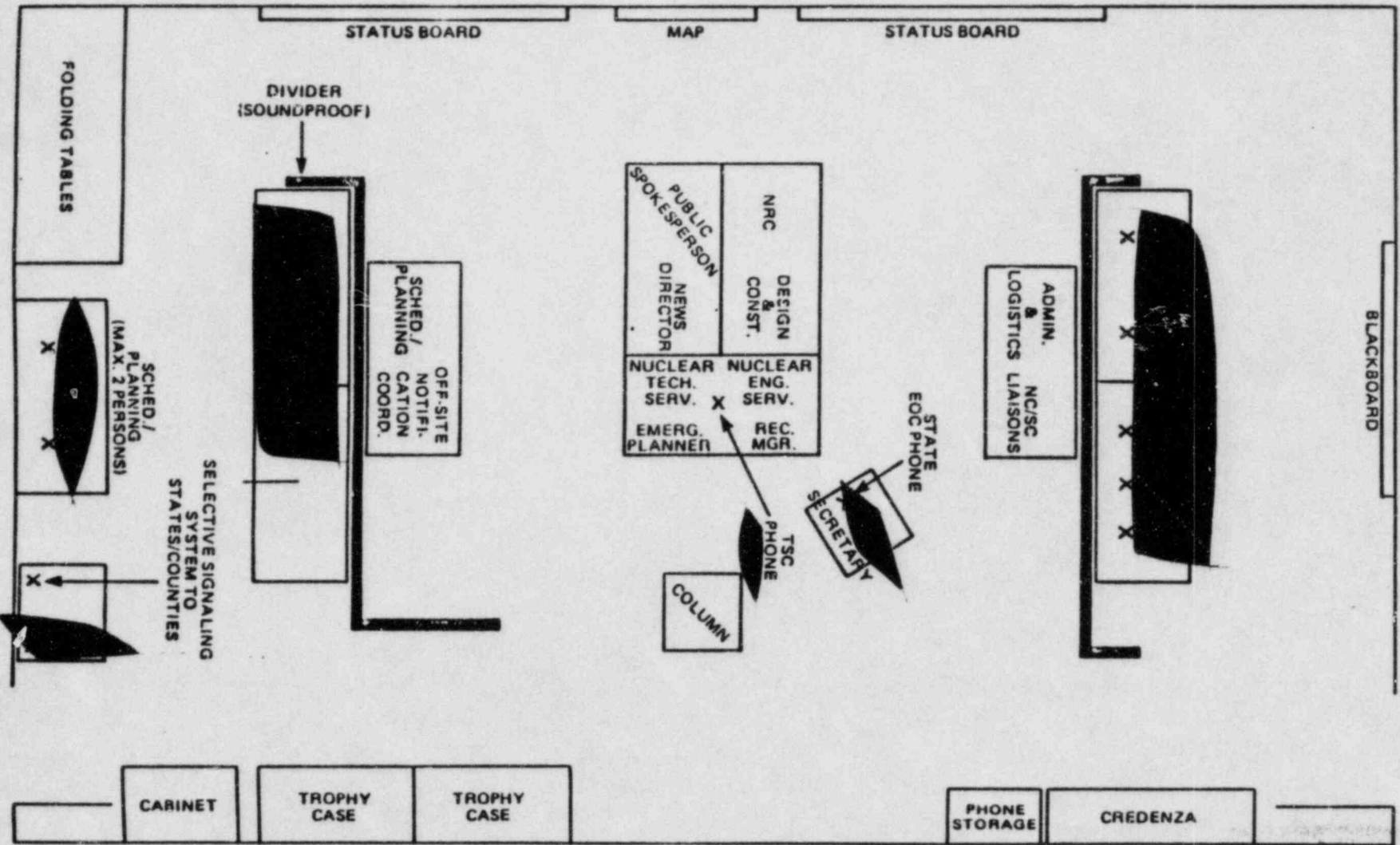
McGUIRE/CATAWBA CMC
GENERAL LOCATION

GENERAL OFFICE BUILDING LAYOUT - CHARLOTTE, N. C.



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

RECOVERY MANAGER/SCHEDULING & PLANNING OFFICE
WACHOVIA CENTER - ROOM 1010
FIGURE 7



NOTE: MOVE SPEAKERPHONE EXT. 6265 INTO HALLWAY TO REDUCE NOISE DISTRACTIONS.

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Figure 8
MCGUIRE/CATAWBA CMC

CRISIS NEWS GROUP
Charlotte Supply Bldg.
Rooms: 3rd Floor
Phones: [REDACTED]

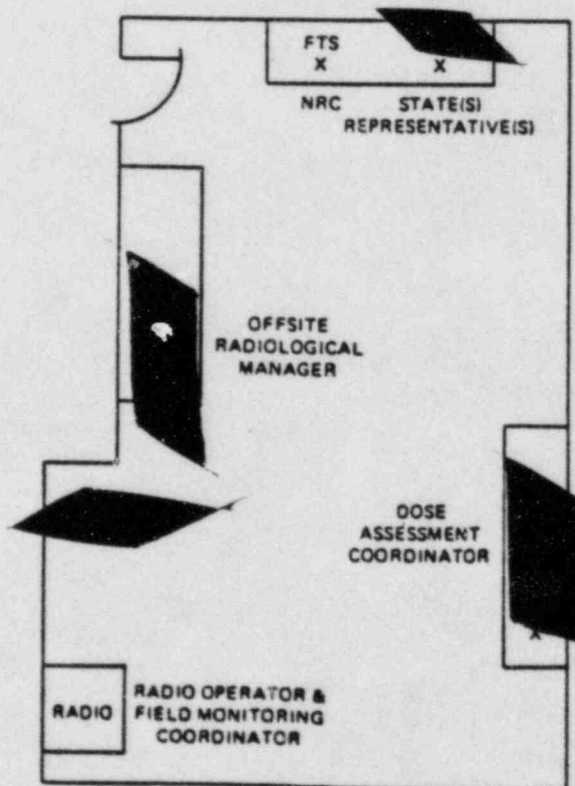
SOUTH CAROLINA STATE AND COUNTY PIOs
Charlotte Supply Bldg.
Rooms: 215
Phones: [REDACTED]

NUCLEAR REGULATORY COMMISSION
Charlotte Supply Bldg.
Room: 215
Phones: [REDACTED]

NORTH CAROLINA STATE AND COUNTY PIOs
Charlotte Supply Bldg.
Rooms: 215
Phones: [REDACTED]

FEMA
Charlotte Supply Bldg.
Room: 215
Phone: [REDACTED]

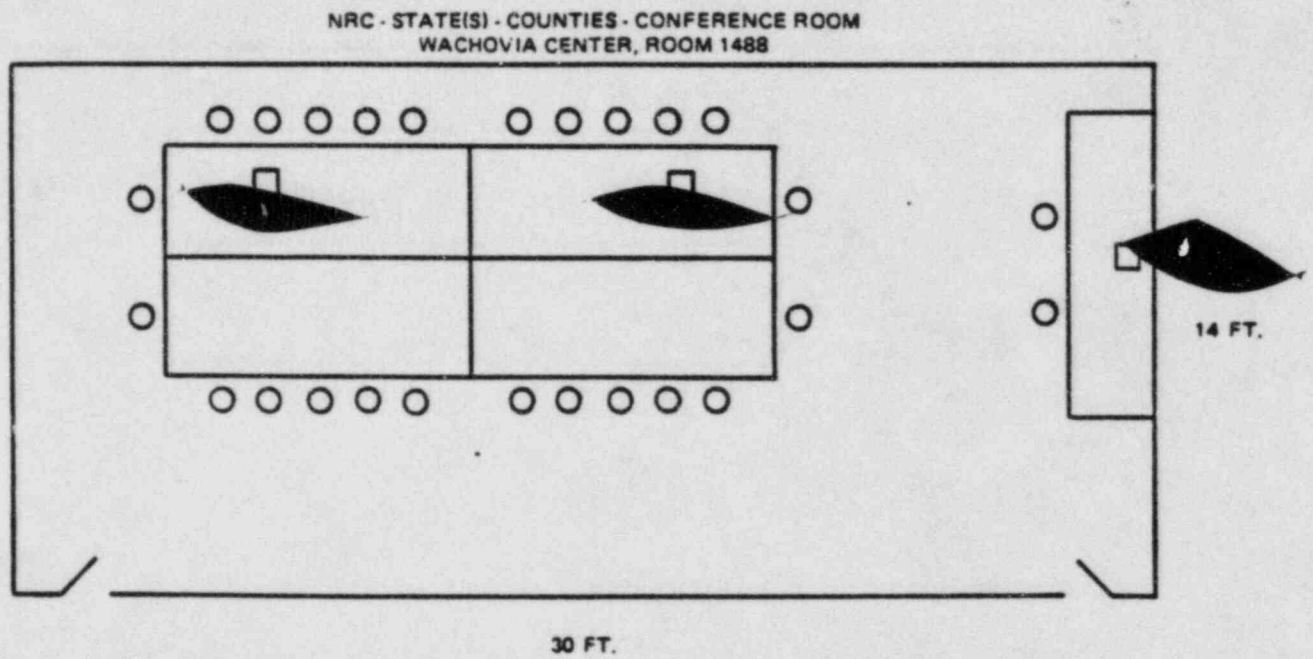
OFFSITE RADIOLOGICAL SUPPORT GROUP
WACHOVIA CENTER - ROOM 1222



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

FIGURE 9

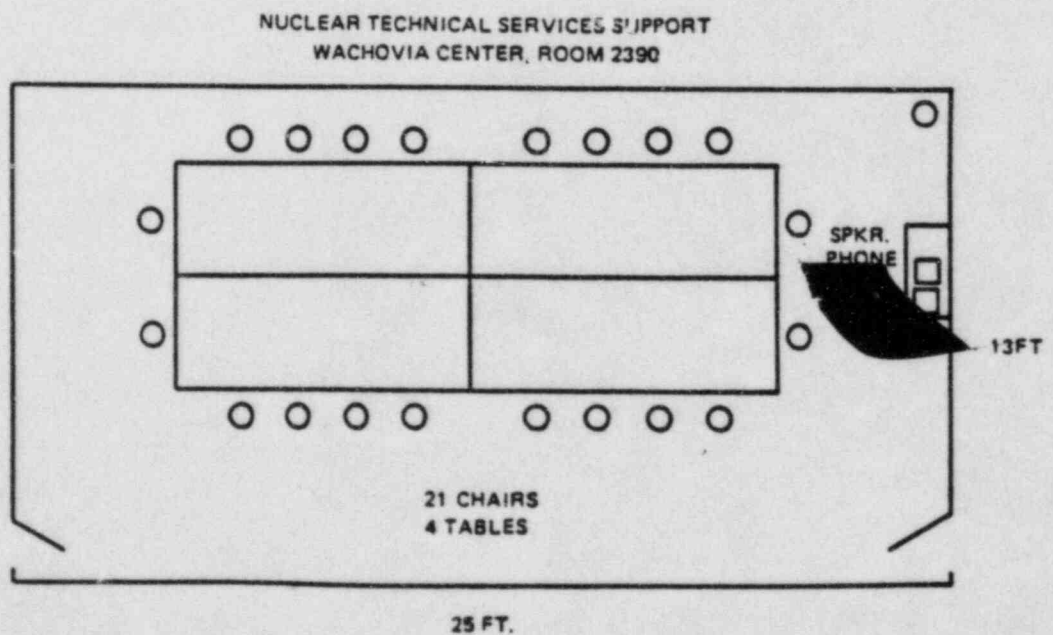
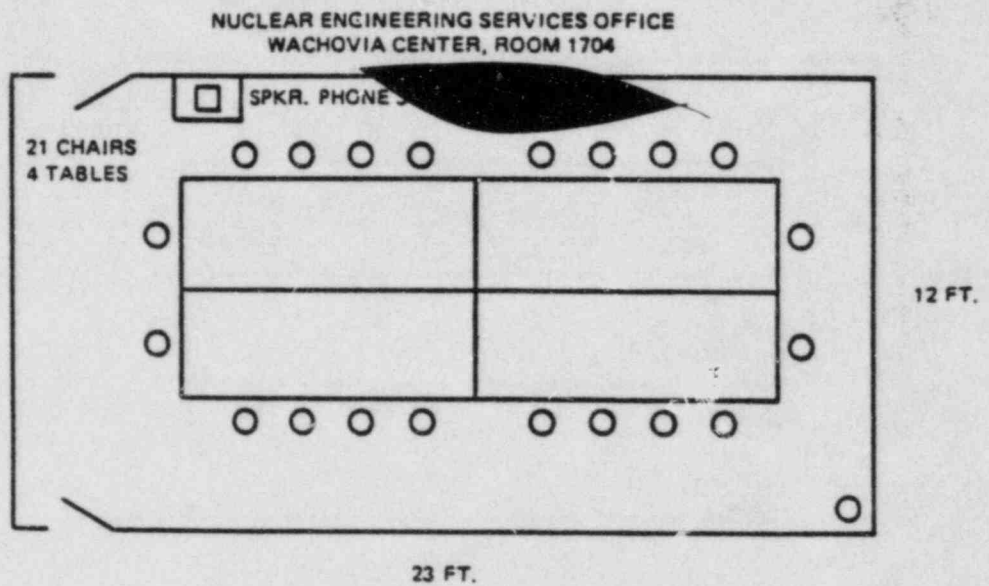
McGUIRE/CATAWBA CMC



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

FIGURE 10

McGUIRE/CATAWBA CMC



Rev. 7
Nov. 30, 1984

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Figure 11

ADMINISTRATION & LOGISTICS OFFICE, ROOM WC-0925

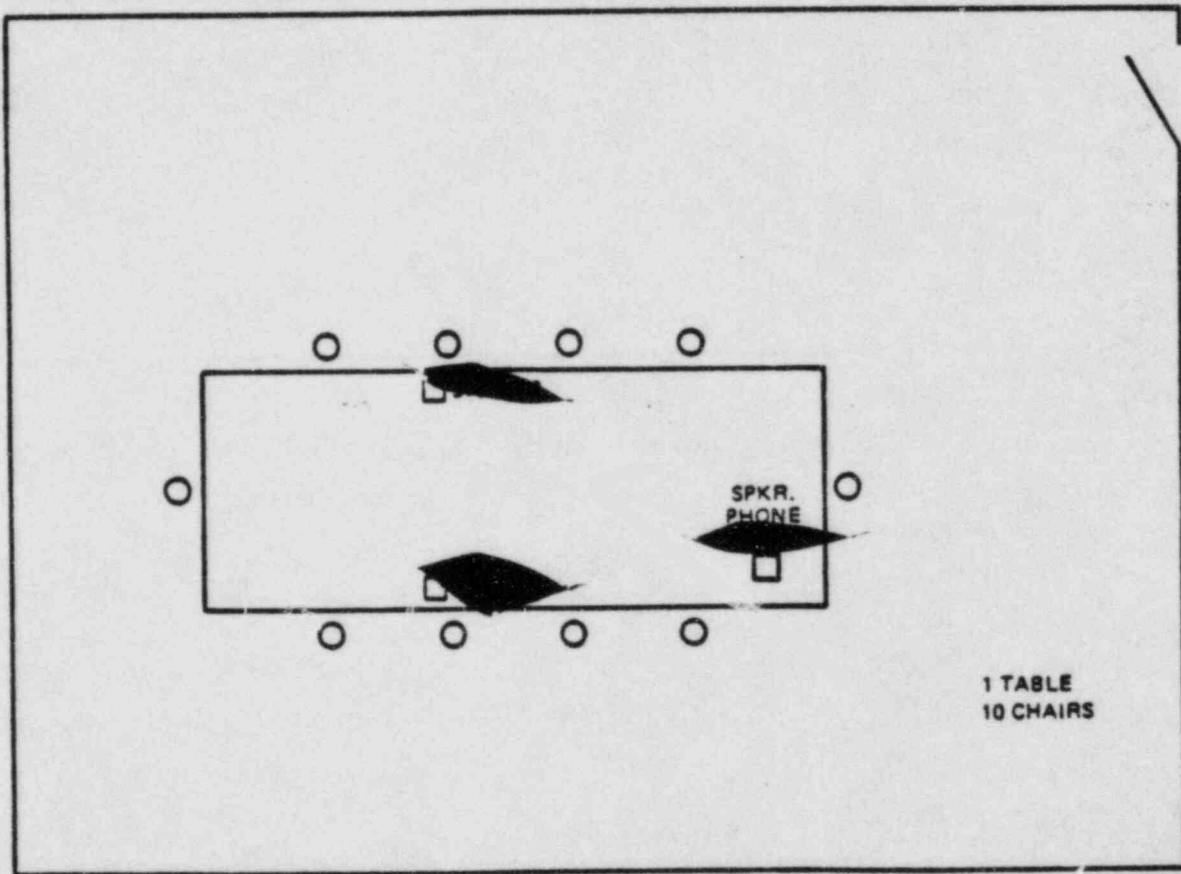


Figure 12

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.

Charlotte-Mecklenburg
Law Enforcement Center
618 N. College Street
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.

CATAWBA NUCLEAR STATION

Charlotte-Mecklenburg
Law Enforcement Center
618 N. College Street
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
York County Emergency Operations Center
155 Johnston Street
Rock Hill, S. C.

Clover Armory
Clover, S. C.

FIGURE 13
SUMMARY OF EVACUATION TIMES
McGUIRE NUCLEAR STATION

PERMANENT POPULATION	PERMANENT POPULATION VEHICLES	TRANSIENT POPULATION	TRANSIENT POPULATION VEHICLES	EVACUATION CAPACITY PER HOUR (MAJOR ROUTES)	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	459	188	974	348	1,500	3:25	3:25	1:40	NA	NA
2 SE	195	80	---	---	1,500	3:25	3:25	1:40	NA	NA
2 SW	541	222	---	---	1,500	3:25	3:25	1:40	NA	NA
2 NW	1,261	517	2,026	724	4,500	3:25	3:25	1:40	NA	NA
ALL SUBAREAS	2,456	1,007	3,000	1,071	7,500	3:25	3:25	1:40	NA	NA

AREAS		WITHIN FIVE MILES								
5 NE	2,566	1,052	3,401	1,215	1,500	3:25	3:25	1:40	NA	NA
5 SE	1,996	818	---	---	1,500	3:25	4:00	1:40	NA	NA
5 SW	2,417	991	1,255	448	1,500	3:25	3:25	1:40	NA	NA
5 NW	3,485	1,429	3,547	1,267	4,500	3:25	4:00	1:40	1:45	2:30
ALL SUBAREAS	10,464	4,290	8,203	2,930	7,500	3:25	4:00	1:40	1:45	2:30

AREAS		WITHIN TEN MILES								
10 NE	15,309	6,277	7,854	2,804	9,600	3:25	3:25	1:40	1:45	2:30
10 SE	18,654	7,648	2,685	959	9,600	3:25	4:00	1:40	2:45	4:15
10 SW	18,268	7,490	1,255	448	6,000	4:00	5:45	1:40	1:45	2:30
10 NW	9,274	3,802	6,673	2,382	6,000	3:25	4:00	1:40	1:45	2:30
TOTAL EPZ	61,505	25,217	18,467	6,593	27,600	4:00	5:45	1:40	2:45	4:15

THESE ESTIMATES ARE BASED UPON A STUDY PERFORMED BY PRC-VORHEES COMPANY IN JULY, 1981. SEE TABLES J-17 THROUGH J-31 FOR DETAILS. POPULATION DATA IS BASED UPON 1980 CENSUS.

Figure 14

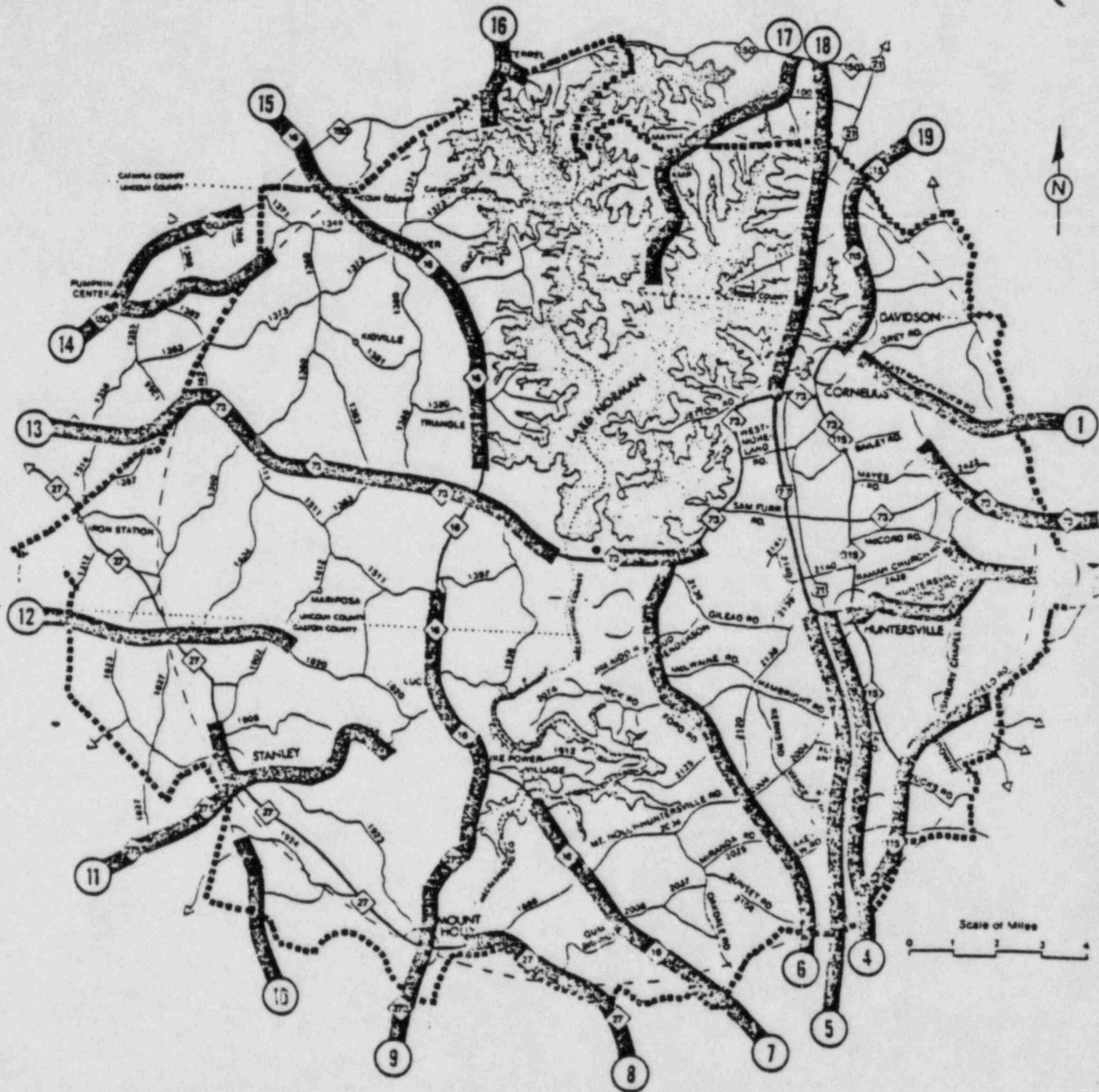


Figure 14 Evacuation Routes for the McGuire Nuclear Power Station

Figure 15

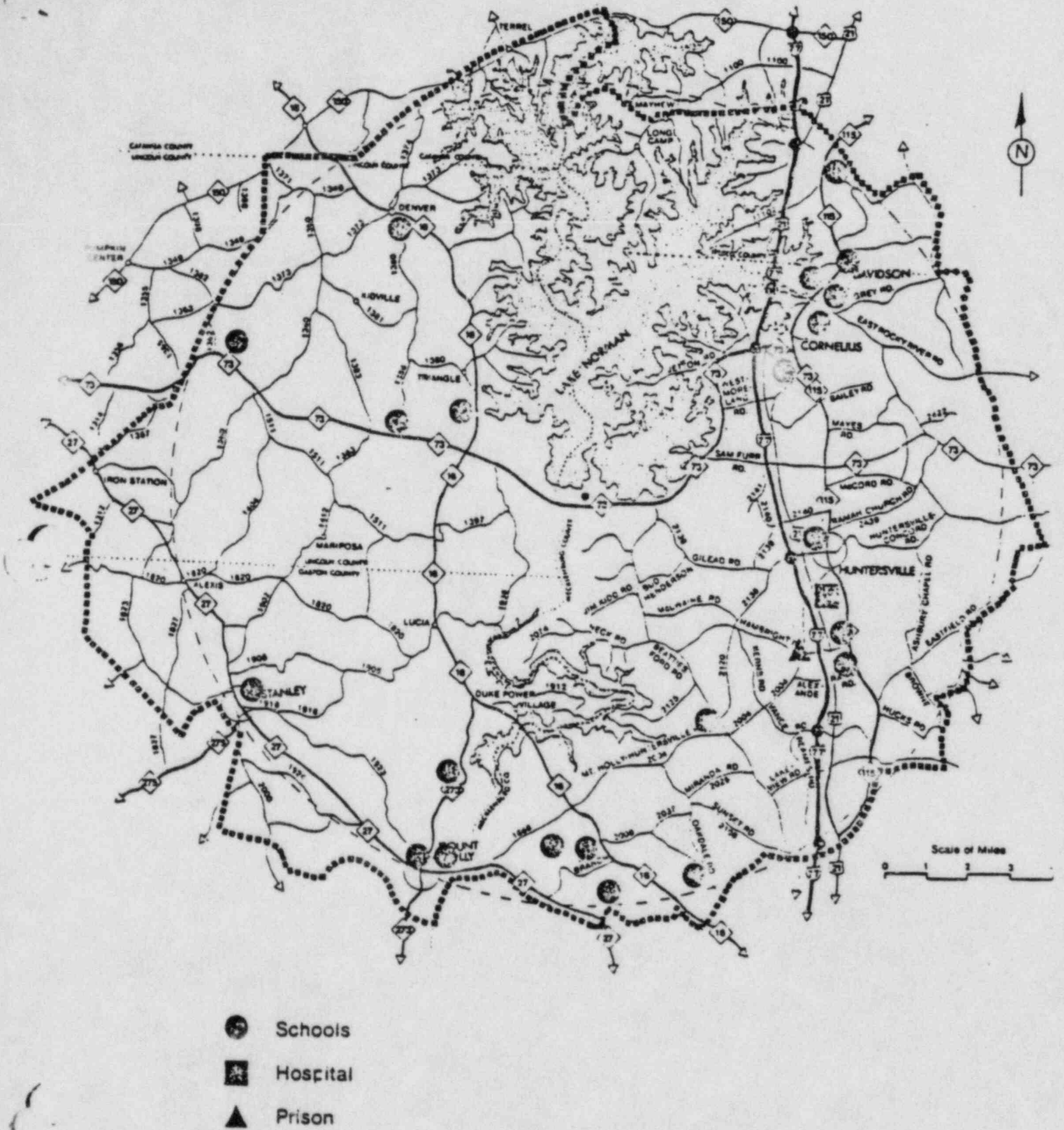
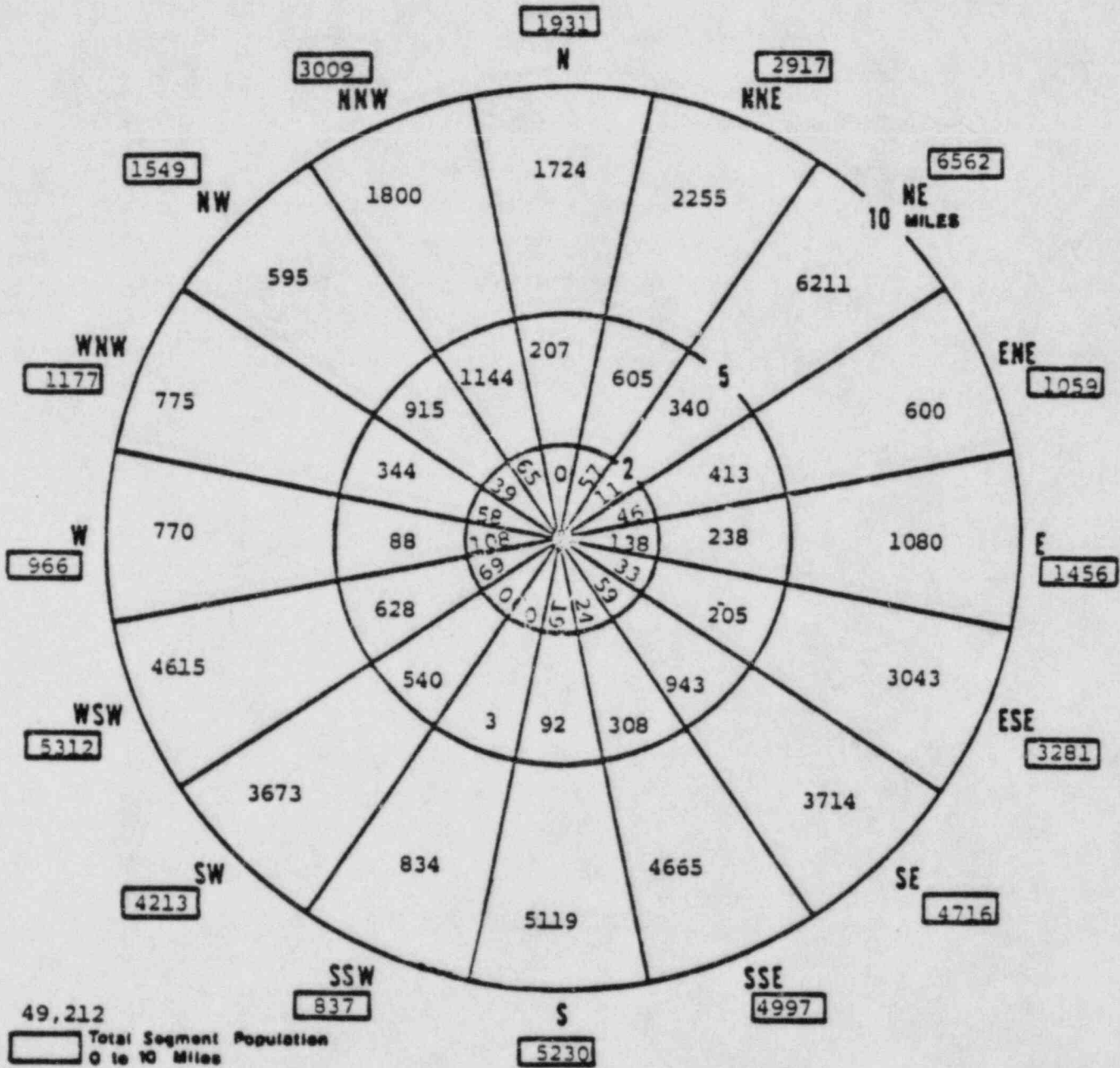


Figure Location of Special Facilities - MCGUIRE

FIGURE 16 DELETED

Duke Power Company
 Crisis Management Plan
 McGuire Nuclear Station

Figure 17 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 18
MCGUIRE NUCLEAR STATION
EMERGENCY PLANNING ZONE
AREA AND 1980 POPULATIONS

ZONE	AREA			POPULATION		
	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 19
SUMMARY OF EVACUATION TIMES
CATAWBA NUCLEAR STATION

PERMANENT POPULATION	PERMANENT POPULATION VEHICLES	TRANSIENT POPULATION	TRANSIENT POPULATION VEHICLES	EVACUATION CAPACITY PER HOUR (MAJOR ROUTES)	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
----------------------	-------------------------------	----------------------	-------------------------------	--	--	---	-------------------	--	---

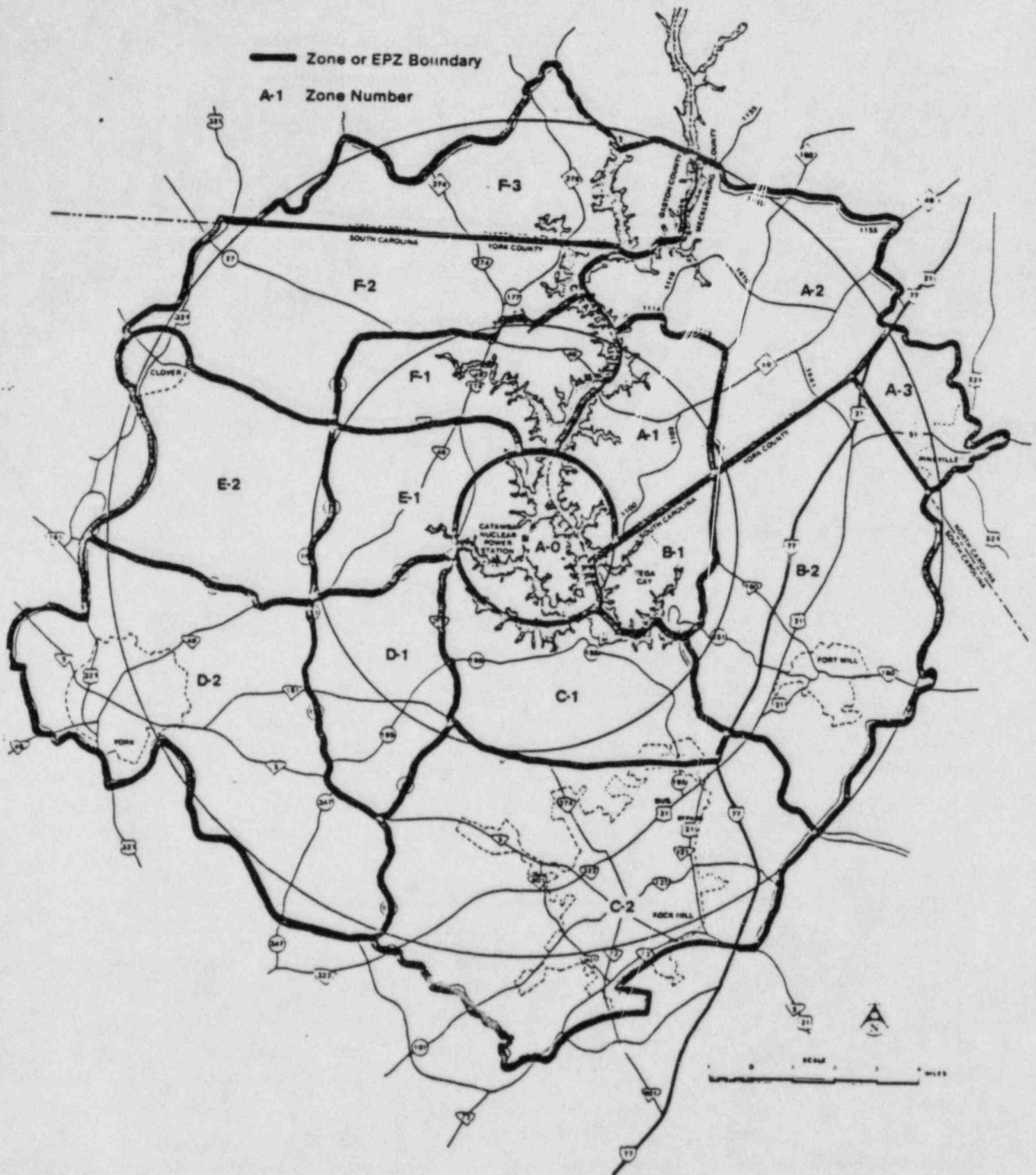
ZONES		WITHIN TWO MILES								
NORTH CAROLINA	357	154	654	233	1,200	3:25	3:25	1:40	NA	NA
SOUTH CAROLINA	363	156	5,552	1,982	2,400	3:25	3:25	1:40	NA	NA
ALL ZONES	720	310	6,206	2,215		3:25	3:25	1:40	NA	NA

ZONES		WITHIN FIVE MILES								
A-1	529	227	10,187	3,637	1,200	3:25	3:25	1:40	NA	NA
B-1	2,631	1,131	2,588	924	1,200	3:25	3:25	1:40	1:45	2:30
C-1	6,161	2,649	16,827	6,007	1,200	3:25	3:25	1:40	1:45	2:30
D-1	1,414	608	109	39	2,400	3:25	3:25	1:40	NA	NA
E-1	429	184	0	0	3,600	3:25	3:25	1:40	NA	NA
F-1	2,573	1,106	1,582	565	3,600	3:25	3:25	1:40	1:40	2:30
ALL ZONES	13,737	5,905	31,293	11,172		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	3:25	3:25	1:40	2:45	4:15
B-2	9,771	4,201	46,826	16,717	4,200	3:25	4:00	1:40	2:45	4:15
C-2	44,964	19,335	0	0	11,400	4:00	6:15	1:40	2:45	4:15
D-2	9,169	3,943	0	0	4,800	3:25	3:25	1:40	2:45	4:15
E-2	4,957	2,132	0	0	4,800	3:25	3:25	1:40	2:45	4:15
F-2	2,655	1,142	650	232	6,000	3:25	3:25	1:40	NA	NA
F-3	2,672	1,149	651	232	2,400	3:25	3:25	1:40	1:40	2:30
ALL ZONES	79,026	33,982	52,220	18,635		3:25	3:25	1:40	2:45	4:15

THESE ESTIMATES ARE BASED UPON A STUDY PERFORMED BY PRC-VORHEES COMPANY IN APRIL, 1983. SEE TABLES J-33 THROUGH J-47 FOR DETAILS. POPULATION DATA IS BASED UPON 1980 CENSUS.

FIGURE 20



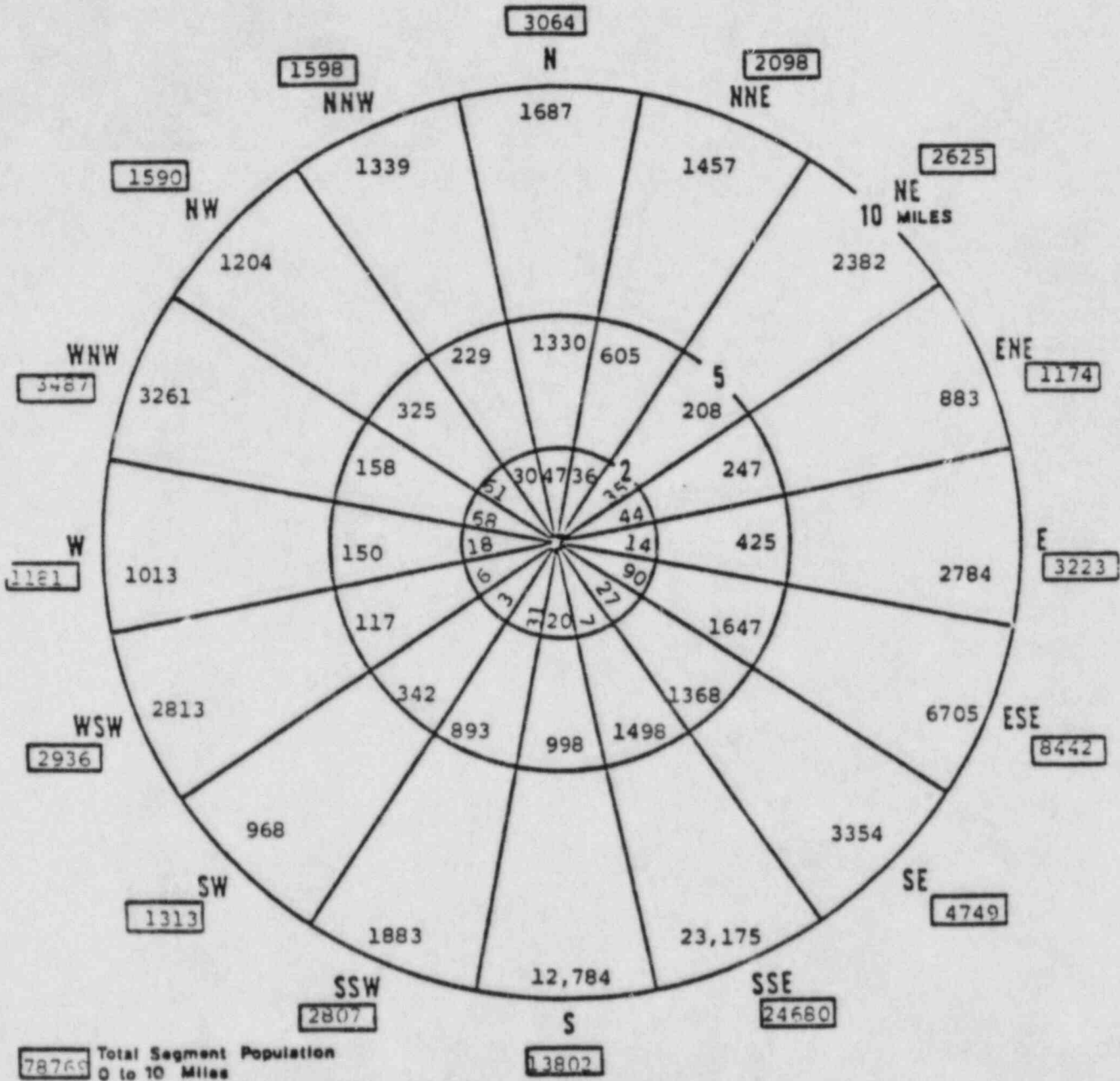
SELECTIVE EVACUATION ZONES
FOR THE CATAWBA EPZ

FIGURE 21 DELETED

FIGURE 22 DELETED

Figure 23

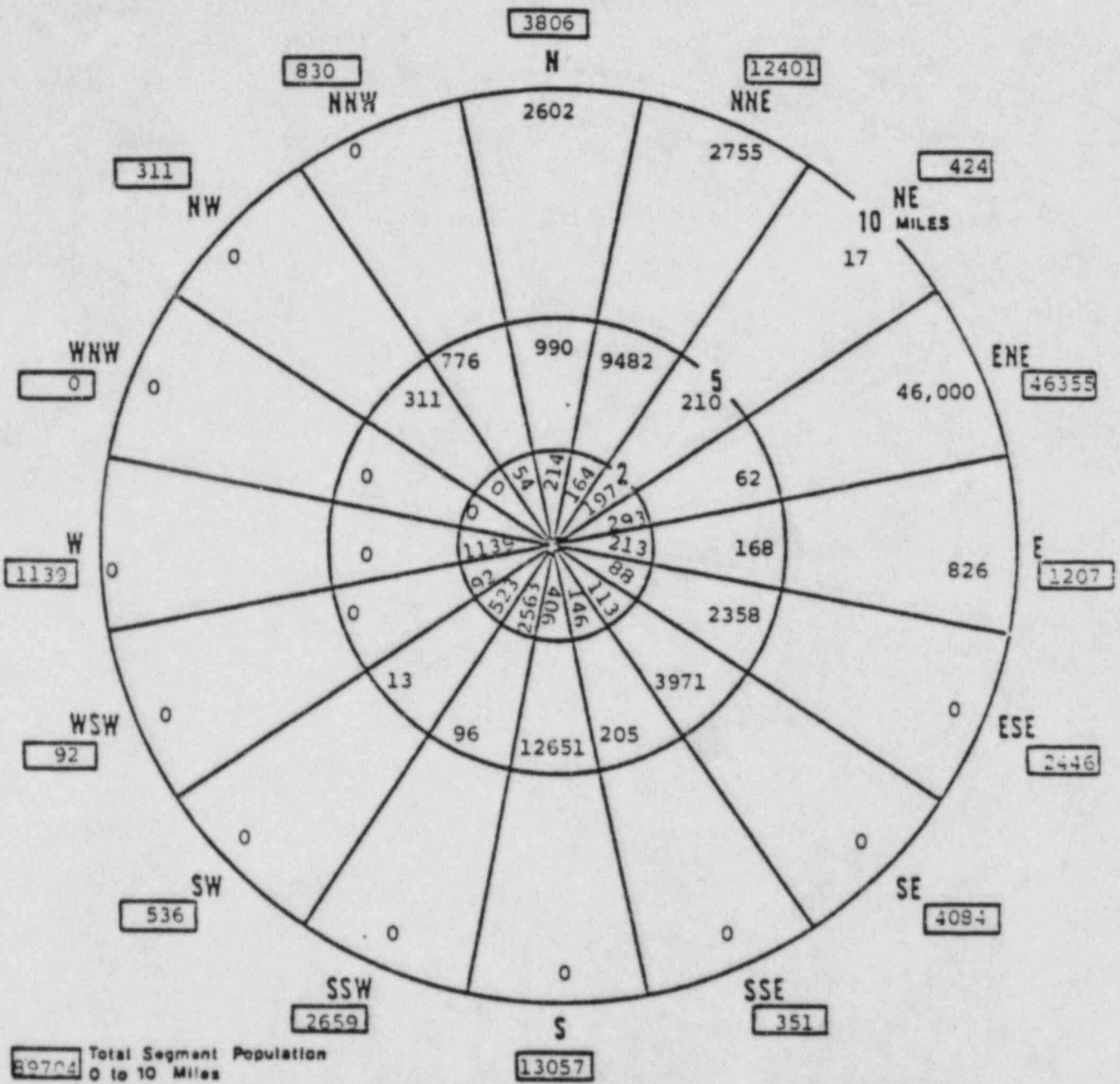
Permanent Population by Sector - Catawba



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	47,692	0-10	78,769

Figure 24

Estimated Maximum Transient Population - Catawba



POPULATION TOTALS			
RING, MILES	RING POPULATION	TOTAL MILES	CUMULATIVE POPULATION
0-2	6,206	0-2	6,206
2-5	31,298	0-5	37,504
5-10	52,200	0-10	89,704

FIGURE 25 DELETED

Figure 26

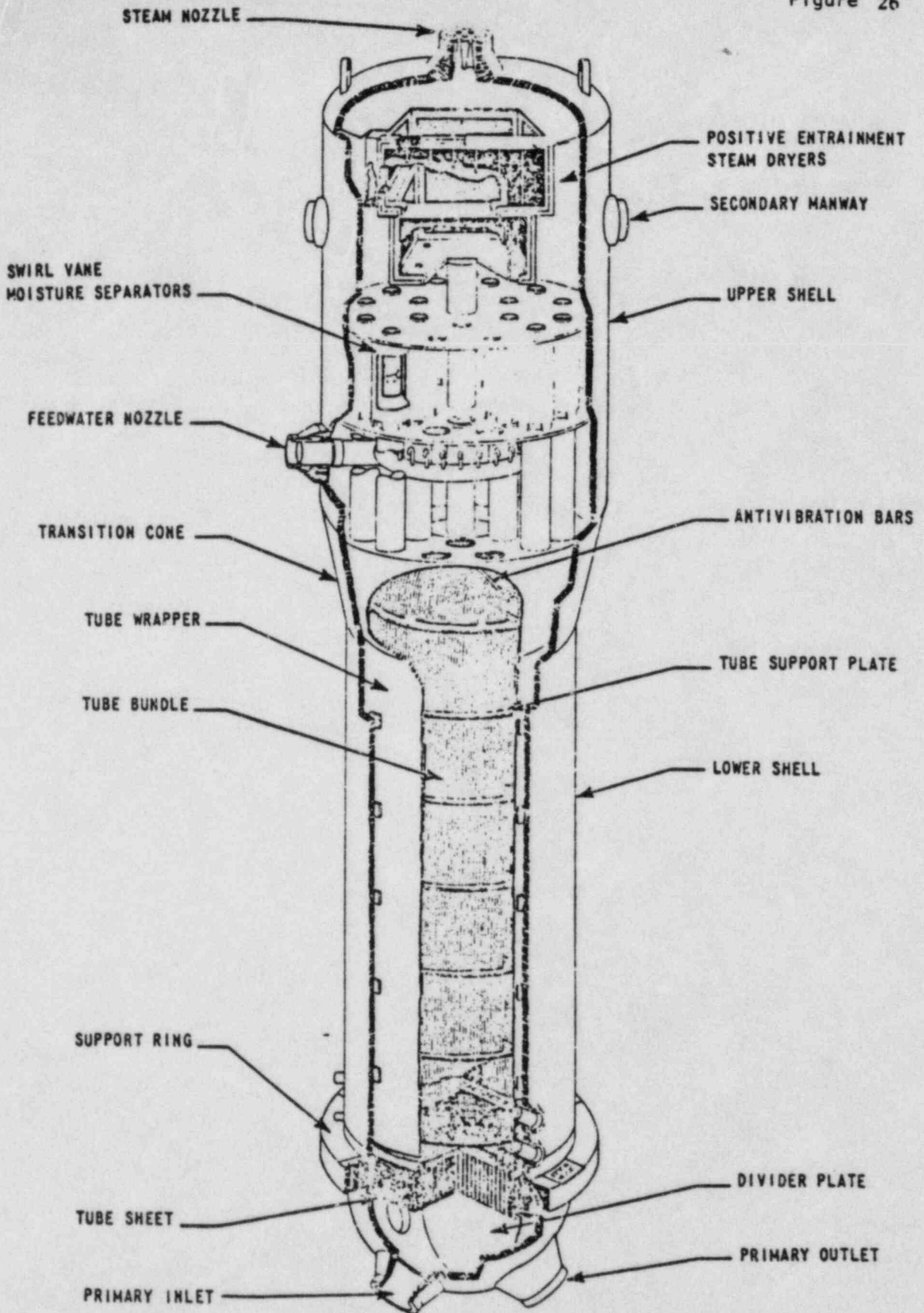


Figure 27

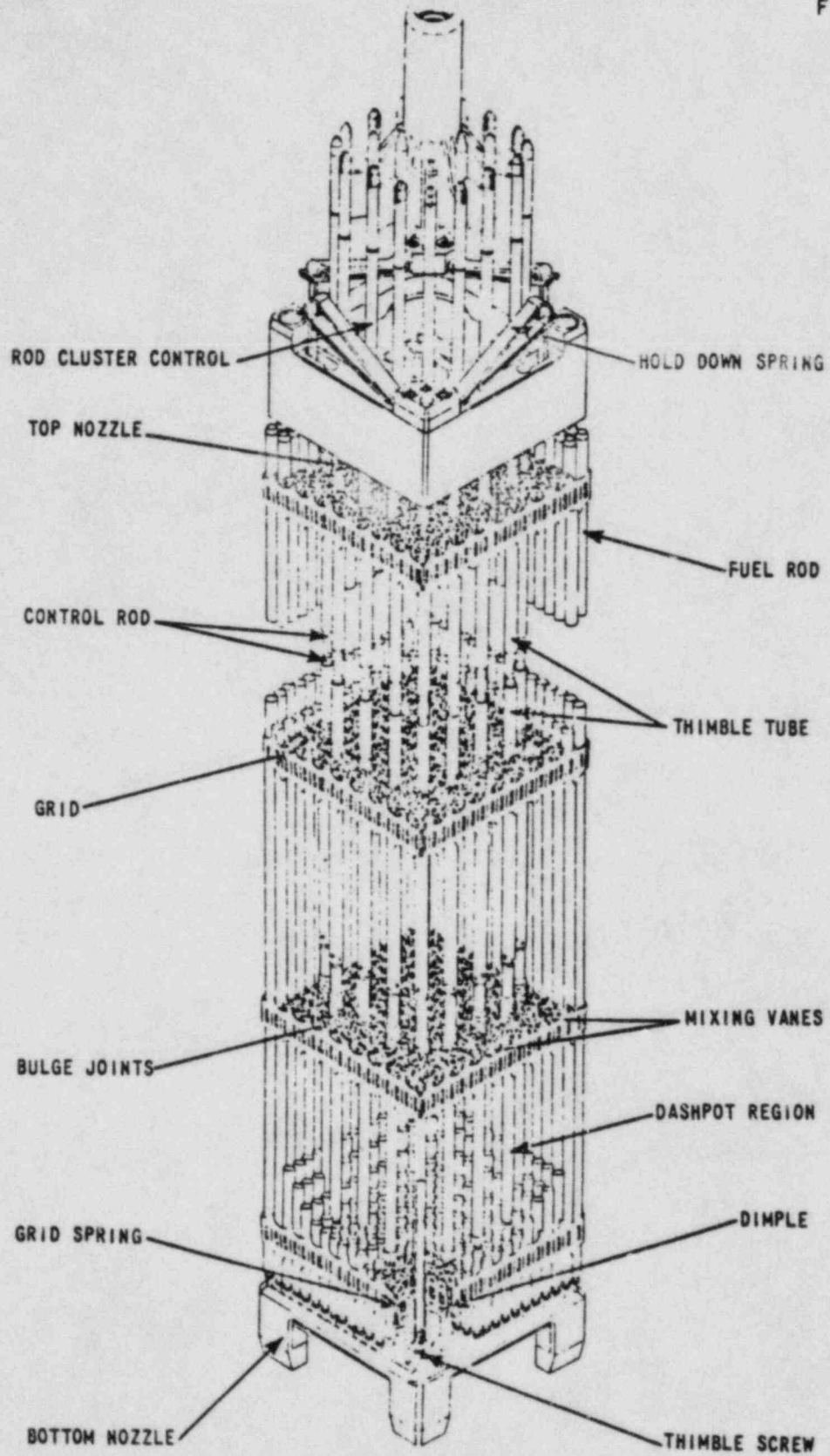


Figure 28

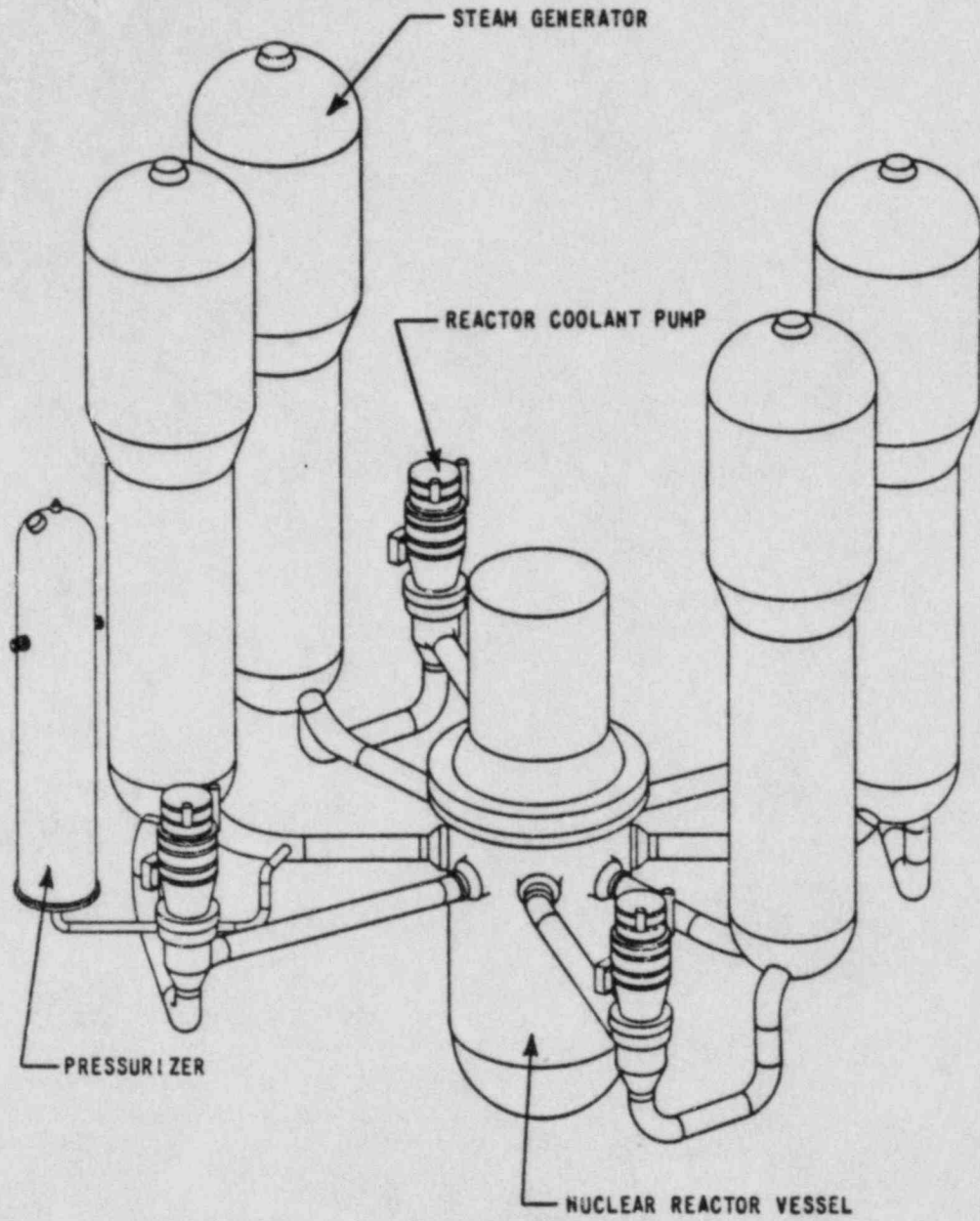


Figure 29

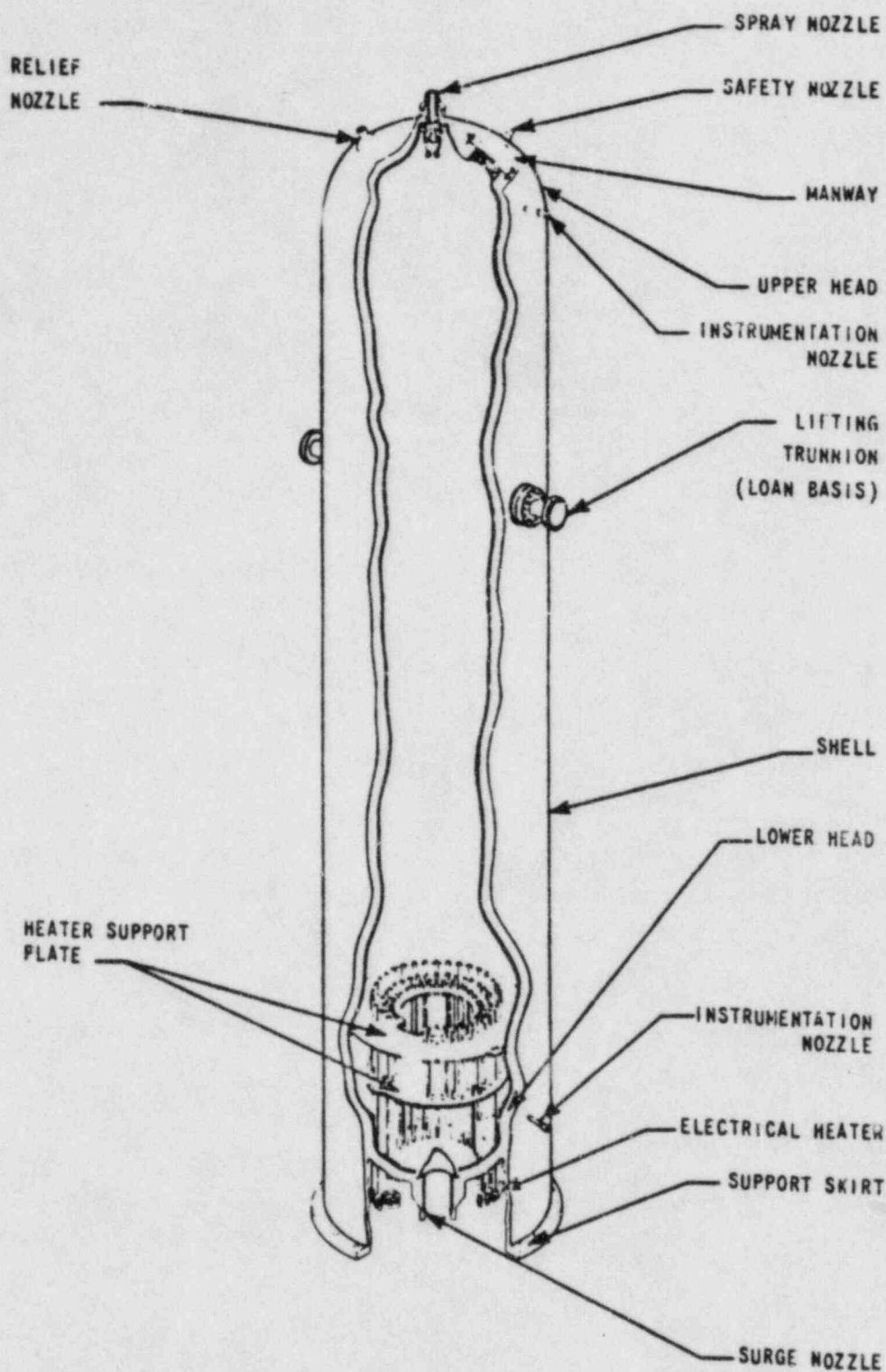
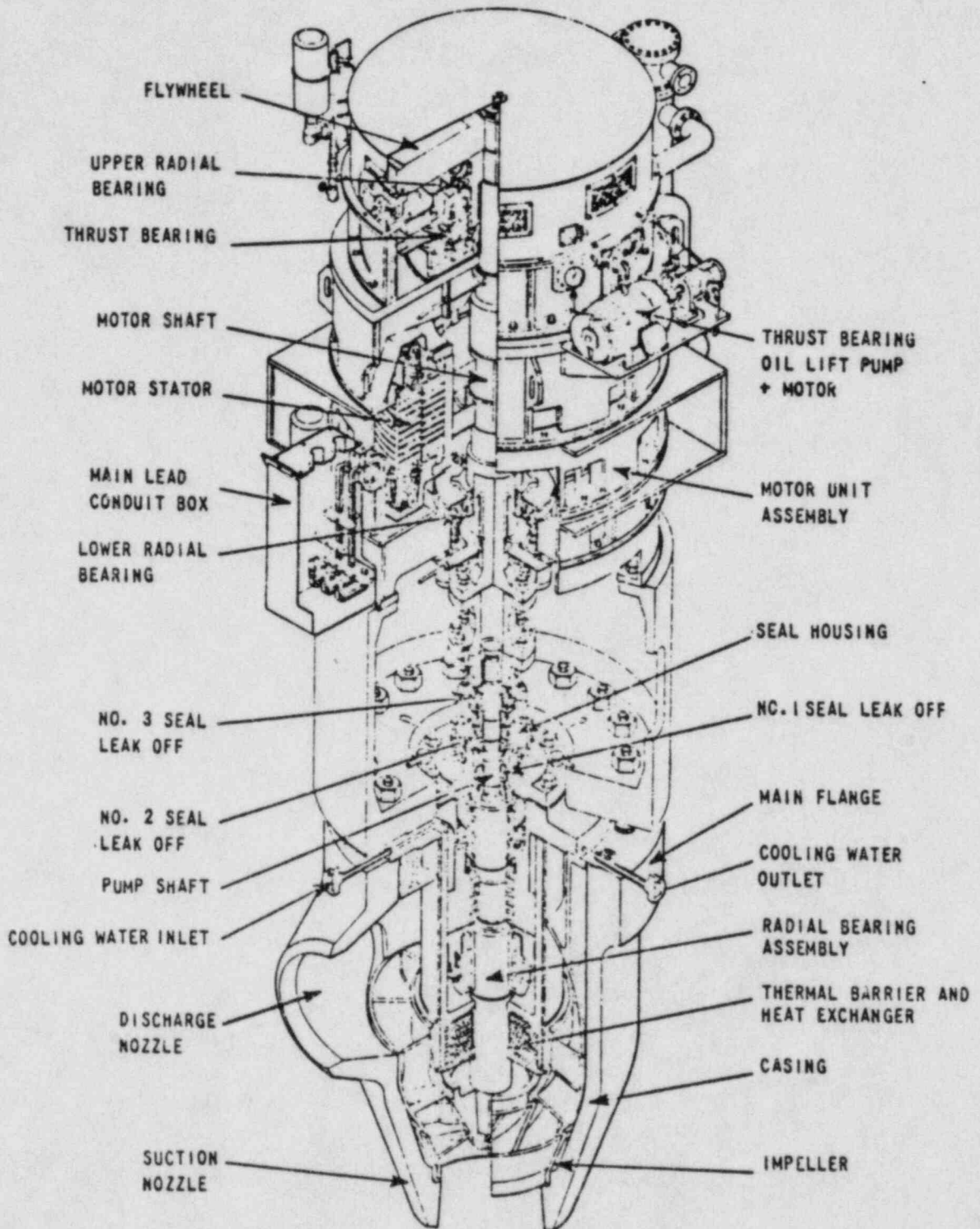


Figure 30



CRISIS MANAGEMENT PLAN
IMPLEMENTING PLANS
CMIP-3 - CRISIS NEWS GROUP PLAN
Oconee Nuclear Station

Rev. 3
Nov. 30, 1984

5.3.2 Oconee Crisis News Group Plan

Table of Contents

I. PREAMBLE.....	2
A. Abbreviations.....	3
II. FIGURES.....	
<u>Figure</u>	<u>Description/Title</u>
1	Oconee Organization - Crisis News Center.....65
2	Crisis Management Organization - Emergency Activation Message.....70
3	Media Notification Form.....71
4	Visitor Center - General Location.....72
5	Emergency Response Facilities - General Layout.....73
6	Visitor Center - Upper Level (media area, news conferences, phones).....74
7	Visitor Center - Lower Level (crisis news group work area).....75
8	Training Center Layout.....76
9	Recovery Manager/Scheduling & Planning Room Layout.....77
10	Backup Crisis News Center - Liberty Location.....78
11	Backup Crisis News Center - Liberty Layout.....79
III. FUNCTIONAL RESPONSIBILITIES	
A.	Crisis News Director..... 4
B.	Assistant Crisis News Director..... 6
C.	Public Spokesperson..... 8
D.	Technical Support Center Liaison..... 9
E.	General Office News Director10
F.	Monitor.....13
G.	Communications Coordinator.....14
H.	Media Coordinator.....15
I.	Support Coordinator.....17
J.	State Command Post Liaison.....22
K.	Internal Communications Coordinator.....23
L.	Industry/Agency Coordinator.....26
M.	Governments Coordinator.....29
N.	State Government Liaison.....32
O.	Federal Government Liaison.....34
P.	Media Registration Coordinator.....39
Q.	Technical Briefers.....41
R.	Audiovisual Coordinator.....43
S.	Secretarial Team - Visitor Center.....45
T.	Secretarial Team - G.O..... 47
U.	Media Notification Team..... 50
V.	Status Board Coordinator.....61
W.	Radio/TV Monitor.....62
IV. NEWS GROUP ACTIVATION - "CALL TREE".....	63
V. CRISIS NEWS CENTER - PRIMARY AND BACKUP.....	64

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 of the emergency, are responsible for notifying other members of their support group. Refer to Call Tree p. 63. 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

AVC	Audiovisual 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
EPZ	Emergency Planning Zone
FGL	Federal Government Liaison
GC	Governments Coordinator
GOND	General Office News Director
I/AC	Industry/Agency Coordinator
ICC	Internal Communications Coordinator
M	Monitor
MC	Media Coordinator
MRC	Media Registration Coordinator
PS	Public Spokesperson
R/TVM	Radio/Television Monitor
SBC	Status Board Coordinator
SC	Support Coordinator
SCPL	State Command Post Liaison
SERT	State Emergency Response Team
SGL	State Government Liaison
TB	Technical Briefers
TSCL	Technical Support Center Liaison

III. FUNCTIONAL RESPONSIBILITIES

A. Crisis News Director (CND)

CRISIS NEWS DIRECTOR

Office Telephone

Home Telephone

Shift 1 - MARY CARTWRIGHT
Shift 2 - MARY BOYD



Reports To: Recovery Manager

Supervises: Crisis News Group, Figure 1, p. 65.

Basic Functions:

1. Determine degree of activation and staffing requirements of either General Office News Center and Crisis News Center at the Keowee-Toxaway Visitor Center, or both as deemed necessary, and activate the Crisis News Center (CNC) as appropriate.
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 Public Spokesperson and direct individual to report to CNC. If unavailable, call Recovery Manager to determine who PS will be.

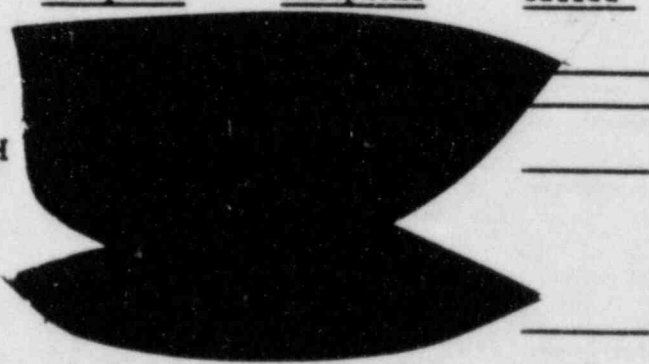
PUBLIC SPOKESPERSON

Office Telephone

Home Telephone

Time Called

Shift 1 - HAL TUCKER
Shift 2 - J. W. HAMPTON
or
M. D. McINTOSH



RECOVERY MANAGER

GERALD VAUGHN

Crisis News Director (CND)

Primary Responsibilities (cont'd)

2. 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 - PHIL CARTER			

3. Proceed to the CNC at the Keowee-Toxaway Visitor Center and assist in assembly of CNC personnel. When the News Group is prepared to support the event, go to the Recovery Manager's office in the Training Center.
4. The TSCL in the control room will be your contact for additional information until the Crisis Management organization is in place.
5. Keep the Crisis News staff up to date on the situation by holding periodic (1-2 hr.) briefings.

B. Assistant Crisis News Director (ACND)

ASSISTANT CRISIS NEWS
DIRECTOR

Office
Telephone

Home
Telephone

Shift 1 - MIKE DEMBECK
Shift 2 - PHIL CARTER

Basic Functions

The ACND supports the CND and is responsible for notifying the Vice President - Corporate Communications, TSCL and SC. 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 Vice President, Corporate Communications, Charlotte, and indicate nature of the emergency.

VICE PRESIDENT
CORPORATE COMMUNICATIONS

Office
Telephone

Home
Telephone

Time
Called

KEN CLARK

Vice President, Corporate Communications, ensures staff is in place and assists CNC as appropriate.

2. Call TSCL and request individual to report to the Technical Support Center and relay information on the emergency to Corporate Communications in Charlotte until the Recovery Manager is in place at the Technical Support Center.

TECHNICAL SUPPORT CENTER
LIAISON

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - DEBBIE DUBOSE
Shift 2 - DAN MARETT

3. 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. 70 for message format for news group calls and Figure 3, p. 71 for calls to the media.) Request that SC proceed to CNC upon completion of calls.

SUPPORT COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - DIANE SAVAGE
Shift 2 - SARA EPPERSON

Assistant Crisis News Director (ACND)

Primary Responsibilities (cont'd)

4. 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.
5. The ACND will keep the crisis news staff up to date on the situation by conducting hourly briefings.


C. Public Spokesperson (PS)

PUBLIC SPOKESPERSON

Office
Telephone

Home
Telephone

Shift 1 - HAL NUCKER
Shift 2 - J. W. HAMPTON
or
M. D. McINTOSH



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 nontechnical 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 auditorium of the Keowee-Toxaway Visitor Center.

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. Technical Support Center Liaison (TSCL)

TECHNICAL SUPPORT CENTER
LIAISON

Office
Telephone

Home
Telephone

Shift 1 - DEBBIE DUBOSE
Shift 2 - DAN MARETT

Basic Functions

The TSCL supports the CND and is responsible for relaying information on the emergency from the Technical Support Center to the Crisis News Director or General Office News Director until the Recovery Manager is in place at the Technical Support Center.

Primary Responsibilities

1. When contacted by the ACND of the emergency situation, the TSCL will then call the TSCL second shift and request that he/she proceed to the CNC. The TSCL second shift will set up the news center, in advance of first shift arrival, with storage items and materials that have been reserved for such an event.
2. In order to accommodate media who arrive before CNC is operational, as soon as TSCL second shift is in place at the Visitor Center, call security to let him know the Visitor Center is staffed.

SECURITY

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - TOM McQUARRIE

Shift 2 - SCOTT BRYANT

Security at Checkpoint 1 will allow media through without formal registration.

3. The TSCL will keep the General Office Corporate Communications in Charlotte up to date on the situation until the Recovery Manager is in place.
4. When CNC and Recovery Manager are in place, the TSCL will provide assistance as directed by the CND.

E. General Office News Director (GOND)

<u>GENERAL OFFICE NEWS DIRECTOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
-------------------------------------	-------------------------	-----------------------

Shift 1 - ANDY THOMPSON

Shift 2 - CECILY NEWTON

Basic Functions

The GOND will manage the Corporate Communications Department at General Office which will continue to function throughout the emergency. This department will serve as the interim news center for sending out the first messages and handling initial inquiries until the Crisis News Center has been activated. Once the Crisis News Center is operable, the remaining staff at General Office will perform some of the more routine daily functions such as they may be during a crisis. They will take news releases and other public information issued by the CNC directly to each executive officer to ensure that senior management is informed of all public statements. G.O. staff will distribute information to media in the event of relocation of CNC to the backup facility.

Primary Responsibilities

1. 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

2. 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.



General Office News Director

Primary Responsibilities (cont'd)



3. Immediately advise SC State Emergency Operations Center (SEOC) in Columbia of all news releases issued by Duke prior to the time the CNC is operational. Also, check with the SEOC to determine what public messages they are issuing.

	<u>Office Telephone</u>	<u>Time Called</u>
State PIO -- Bill Goodwin State Telecopy -- Columbia, SC		<hr/> <hr/>

4. Call the section head of the secretarial team - general office and ask that she notify her team members and report to the General Office News Center.

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
<u>SECRETARIAL TEAM</u> <u>GENERAL OFFICE</u>			
Shift 1 - BARBARA BROWN (Section Head) BETTY EVANS			
Shift 2 - SHEILA ZINK (Section Head) ANNETTE ISENHOUR			

5. Call the section head of the media notification team and ask that she notify her team members and ask that they begin their calls and upon completion of calls, report to the General Office News Center to assist as necessary.

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
<u>MEDIA NOTIFICATION TEAM</u>			
Shift 1 - JOYCE BEYER (Section Head) WILMA KINARD PEGGY HENDERSON JUDY PORTER DEBBIE HAWKINS			
Shift 2 - BERNIE MILLS (Section Head) FRAHER BROWN BETH ANTHONY MARIE HINSON MARCIA HALSEY			

General Office News Director

Primary Responsibilities (cont'd)

6. The GOND will call one of the following to provide technical assistance and understanding of nuclear operations to staff.

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - CARL LEONARD			
Shift 2 - JIM HALE			

7. 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>
Louise Ali			
Tonya Safrit			
Pam Griffith			
Carol Stove			

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			
Jesse Swords			
Robert Metz			
Cecil Turner			

8. Keep section up to date or on hourly basis on situation developments.
9. Remain at G.O. News Center until crisis is over and services are no longer needed.

F. Monitor (M)

MONITOR

Office
Telephone

Home
Telephone

Shift 1 - DON BLACKMON
Shift 2 - FURMAN WARDELL

Basic Functions/Primary Responsibilities

1. The Monitor reports to the CNC at the Keowee-Toxaway Visitor Center.
2. This individual, who reports to the CND, will take up position in the Recovery Manager's office and will monitor events as they change.
3. 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.

G. Communications Coordinator (CC)

COMMUNICATIONS COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - SONDRA WISE
Shift 2 - LARRY DAVISON

Basic Functions

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.

Primary Responsibilities

1. Notify the following designated shift of the emergency and ask that he report to the CNC located at the Keowee-Toxaway Visitor Center.

INTERNAL COMMUNICATIONS
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - BILL FOX
Shift 2 - BILL YODER

INDUSTRY/AGENCY COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - DOCK KORNEGAY
Shift 2 - MIKE BUMGARDNER

2. Keep section up to date on an hourly basis on situation developments.
3. Report to the CNC at the Keowee-Toxaway Visitor Center.

H. Media Coordinator (MC)

MEDIA COORDINATOR

Office Telephone

Home Telephone

Shift 1 - STICK WILLIAMS
Shift 2 - ALEX COFFIN

Basic Functions

1. The Media Coordinator directs activities of the media registration coordinator, technical briefers and audiovisual 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.

Primary Responsibilities

1. Notify one of the following designated shift of the emergency and ask that he/she report to the CNC located at the Keowee-Toxaway Visitor Center.

MEDIA REGISTRATION COORDINATOR

Office Telephone

Home Telephone

Time Called

Shift 1 - GARY HEDRICK
Shift 2 - CATHY ROCHE

2. Notify one of the following designated shift section heads of the emergency. Ask that he notify his team members and report to the CNC located at the Keowee-Toxaway Visitor Center.

TECHNICAL BRIEFERS

Office Telephone

Home Telephone

Time Called


Shift 1 - ANDY THOMPSON
(Section Head)
SUZANNE ISOLA
HARVEY DEAL
DAVID PETERSON


RICHARD WILSON

JOHN WOLFMEYER
(SRO)
AMY HOPE

Media Coordinator

Primary Responsibilities (cont'd)

<u>TECHNICAL BRIEFERS</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 2 - JOE MAHER (Section Head)			
PAT OSBURN			
PAUL GUILL			
LOU DUNCAN			
STEVE FRYE (SRO)			
JOHN WYLIE			
LES STALLINGS			

3. MC reports to the CNC at the Keowee-Toxaway Visitor Center.
4. MC will see that activities of the support functions are coordinated properly.
5. Keeps section up to date on an hourly basis on situation developments.
6. Organizes news conferences by notifying media, setting up auditorium and distributing news releases and transcripts (as appropriate).
7. MC reports to ACND and contacts ACND at ext.  in the Visitor Center.

I. Support Coordinator (SC)

SUPPORT COORDINATOR

Shift 1 - DIANE SAVAGE
Shift 2 - SARA EPPERSON

Office
Telephone

Home
Telephone

Basic Functions

1. Reports to the CNC and assists the ACND.
2. In very early phase of an emergency make a number of telephone calls to group members before proceeding to CNC.
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 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 ACND 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 that they proceed to the CNC where they will take up positions. (Use Figure 2, p. 70, for logging information from the ACND and to provide information to news group members.)

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

- (1) SC second shift will notify:

M	SBC
MC	GC
AVC	
CC	
SCPL	


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


Support Coordinator (SC)

Primary Responsibilities (cont'd)

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

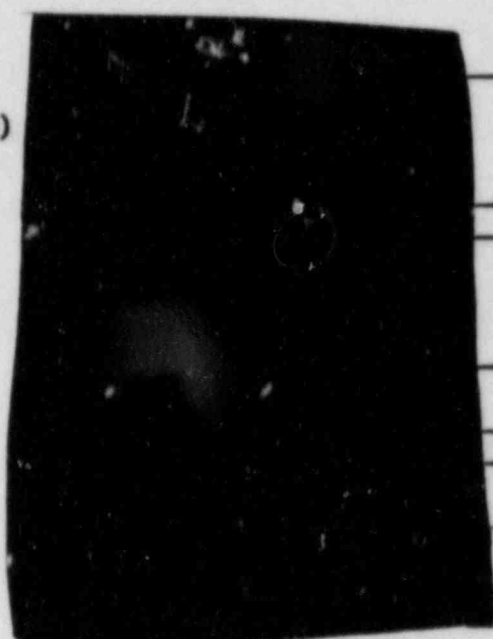
<u>DEPOSITION, AND</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
CAROL FORD			
MARTHA SPENCE			
SANDRA EPPLEY			

2. Call GO Switchboard to inform them of event so they may refer all calls to 

	<u>Office Telephone</u>	<u>Time Called</u>
FRAN BUMGARNER (G.O. Switchboard)		

3. At conclusion of calls, the SC and staff will proceed to CNC and provide assistance as directed by the ACND.
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.

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>General Office News Director (GOND)</u> Shift 1 - ANDY THOMPSON Shift 2 - CECILY NEWTON			
3. <u>Secretarial Team - Visitor Center</u> Shift 1 - BETH MASURAT (Section Head) CAROLYN LAYMAN BARBARA BARKER			
Shift 2 - PEARL MCBRIDE (Section Head) ALLISON PLYLER PRISCILLA LEDBETTER			

Second Shift Support Coordinator Call List

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. <u>Monitor (M)</u> Shift 1 - DON BLACKMON Shift 2 - FURMAN WARDELL			_____
2. <u>Media Coordinator (MC)</u> Shift 1 - STICK WILLIAMS Shift 2 - ALEX COFFIN			_____
3. <u>Audiovisual Coordinator (AVC)</u> Shift 1 - PAT PAYNE Shift 2 - JIM REYNOLDS			_____
4. <u>Communications Coordinator (CC)</u> Shift 1 - SONDRA WISE Shift 2 - LARRY DAVISON			_____
5. <u>STATE COMMAND POST LIAISON (SCPL)</u> Shift 1 - DON HATLEY Shift 2 - CHRIS ROLFE			_____
6. <u>Status Board Coordinator (SBC)</u> Shift 1 - SHANNON SMITH Shift 2 - JANE SAWYER			_____
7. <u>Governments Coordinator (GC)</u> Shift 1 - RICK DEESE Shift 2 - ELIZABETH HARMON			_____
8. <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,
		Atlanta) _____
	(Columbia) _____	

Second Shift Support Coordinator Call List (cont'd)

	<u>Telephone</u>	<u>Time Called</u>
UPI	[REDACTED] (Charlotte)	_____
	(Candy Wilde	_____
	--home)	_____
	(Raleigh)	_____
	1 AM - 5 AM,	_____
	week)	_____
	(Atlanta)	_____
	(Columbia)	_____
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.

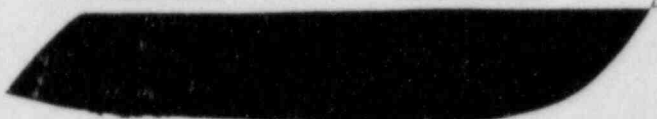
J. State Command Post Liaison (SCPL)

STATE COMMAND POST LIAISON

Shift 1 - DON HATLEY
Shift 2 - CHRIS ROLFE

Office
Telephone

Home
Telephone



Basic Functions

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.
2. The state command post liaison should be in position with the state and county PIOs and keep them informed as developments occur.
3. The state command post liaison should remain with the state and county PIOs at the news center for duration of the crisis.
4. The state command post liaison should ensure that state and county PIOs are available for news conferences.

K. Internal Communications Coordinator (ICC)

INTERNAL COMMUNICATIONS
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - BILL FOX
Shift 2 - BILL YODER

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 back to Corporate Communications in the G.O. for dissemination to employees throughout the system. The employee rumor control phone number is

Primary Responsibilities

1. DRILL ONLY: One week prior to drill, mail out notice of drill with all available details to Southern Division locations and Brevard, and other switchboard/customer service personnel. Attached should be an up-to-date version of emergency brochure and rumor control literature. Send out initial CONTACT as status report on drill including schedule, likely time for siren activation and any other pertinent information.
2. Make at least 3 additional general status reports to the CNC staff on duty at Corporate Communications, General Office, per day for system-wide distribution.
 - Before 8:00 AM
 - At 12:00 Noon
 - At 4:00 PM
3. Contact one of the following persons to report to the G.O., Corporate Communications in Charlotte, and assist ICC as necessary:

Office Telephone Home Telephone Time Called

Shift 1 - JONATHAN SMYLIE
Shift 2 - KATHY BRYANT

4. Call Vice President-Southern Division, Tom Berry, and Vice President-Western Division, John Lomax, and advise them of event so they can respond to customer inquiries and ask them to continue calling as designated on "telephone tree" p. 25.
5. ICC proceeds immediately to CNC to take up position.

Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

6. Transmit the following to independent/dependent locations via the CONTACT system.

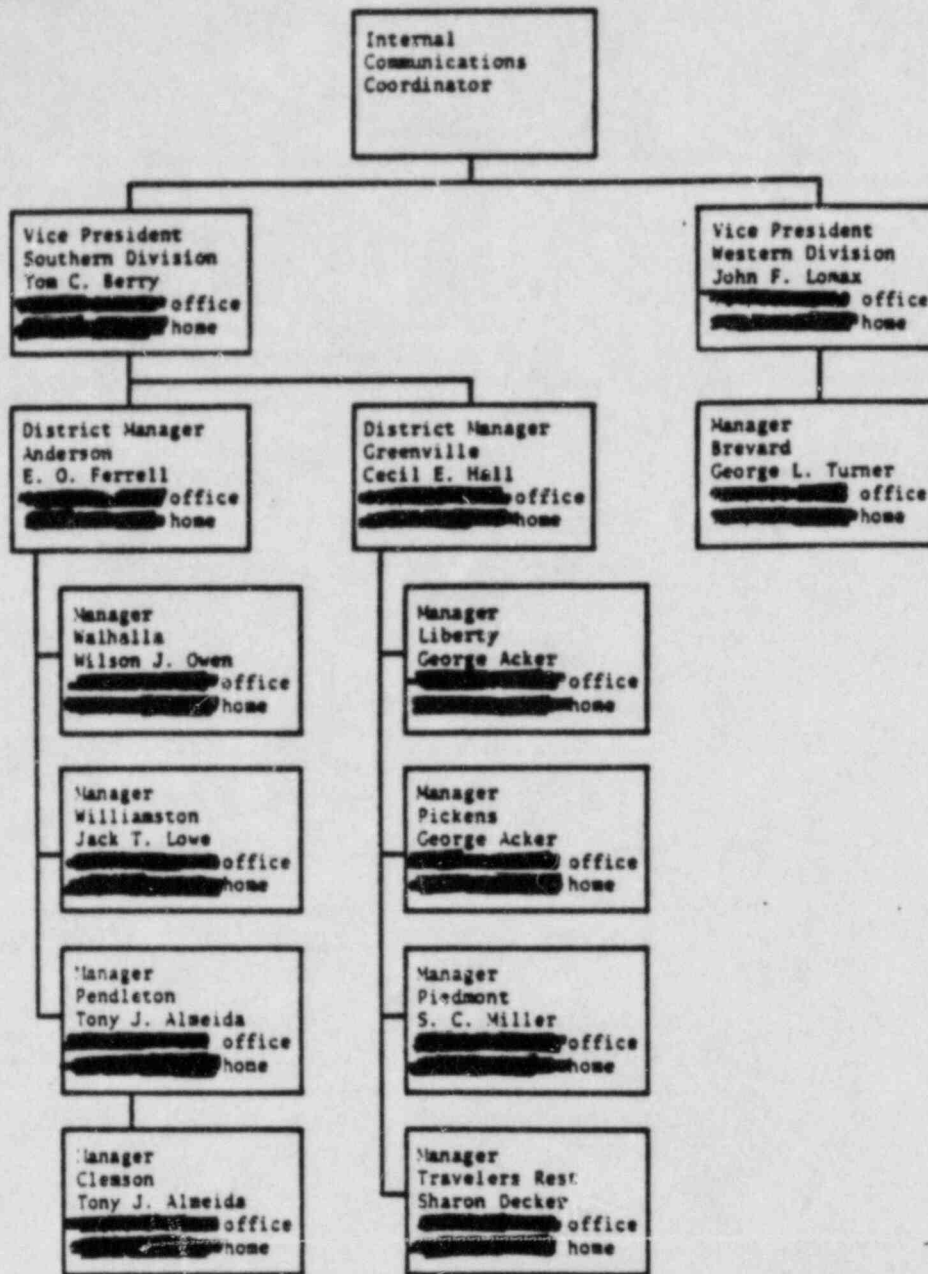
A Crisis Management rumor control has been established and is for use by all independent/dependent location personnel.

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

- a. If it is a drill, state this is a drill, length of drill, and when sirens will sound.
 - b. Read the latest news release that you received from Employee Communications.
 - c. Provide basic statistical information on the station (location, manufacturer, size, year of operation, etc.) if requested.
 - d. Use the emergency brochure as your guide in providing general information. Quote directly from the brochure.
 - e. Do not speculate or go beyond the content of news releases, emergency brochure or any other up-to-date company publication.
 - f. If you cannot answer a question, either transfer the call to the Keowee-Toxaway Visitor Center at [REDACTED] or to Corporate Communications in Charlotte at [REDACTED]. The caller may call collect, if necessary.
7. Disseminate information to company employees through bulletin boards, CONTACT, CRT.
8. Remain at CNC until crisis is over and services are no longer needed.

Internal Communications Coordinator (ICC)

Call Tree



Contact	Alternate	Office Telephone	Home Telephone
Tom C. Berry	Ray Chandler		
John F. Lomax	Larry Burgess		
E. O. Ferrell	John Holland		
Cecil E. Hall	Ken Morrison		
Tony J. Almeida	Richard Hicks		
Wilson J. Owen	Ray Stephens		
	Russell Brock		
	Michael Pitts		
Jack T. Lowe	Dorothy Hill		
	Brenda Gand		
George Acker	Dale Abercrombie		
S. C. Miller	Ronald Hunt		
Sharon Decker	Jim Miller		
George L. Turner	Stacy Dermid		

L. Industry/Agency Coordinator (I/AC)

<u>INDUSTRY/AGENCY COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - DOCK KORNEGAY		
Shift 2 - MIKE BUMGARDNER		




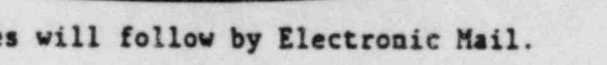

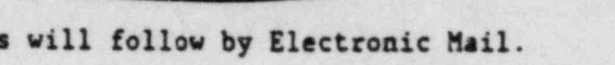

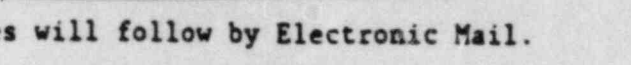

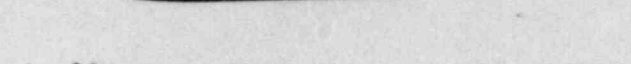
Basic Functions

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 SC that the CNC is to be activated, the I/AC will contact the organizations on p. 27 (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 organizations on p. 27, including NRC, and exchange information on rumor 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.

Industry/Agency Coordinator Call List

<u>Organization/Individual</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
1. GOND initially notifies NRC as indicated on p. 10. 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 Affairs Office - Nuclear Regulatory Commission (NRC)</u>			
Primary: KEN CLARK			_____
Alternate: JOE GILLILAND			_____
2. <u>Institute of Nuclear Power Operations (INPO)</u>			
Primary: ANGIE HOWARD			_____
Alternate: HOT LINE			_____
Inform them that news releases will follow by Electronic Mail.			
3. <u>Atomic Industrial Forum (AIF)</u>			
Primary: SCOTT PETERS CAFL GOLDSTEIN PAUL TURNER			_____ _____ _____
Alternate: DUTY OFFICER			_____
Inform them that news releases will follow by Electronic Mail.			
4. <u>Nuclear Safety Analysis Center (NSAC)</u>			
Primary: RAY SCHUSTER			_____
Alternate: DAN VAN ATTA			_____
Inform them that news releases will follow by Electronic Mail.			
5. <u>Babcock & Wilcox</u>			
Primary: RICHARD GENTILE			_____
Alternate: RON HITE			_____

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

Industry/Agency Coordinator Call List (cont'd)

<u>Organization/Individual</u>	<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 HOT LINE			

Inform them that news releases will follow by Electronic Mail.

M. Governments Coordinator (GC)

GOVERNMENTS COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - RICK DEESE
Shift 2 - ELIZABETH HARMON

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.

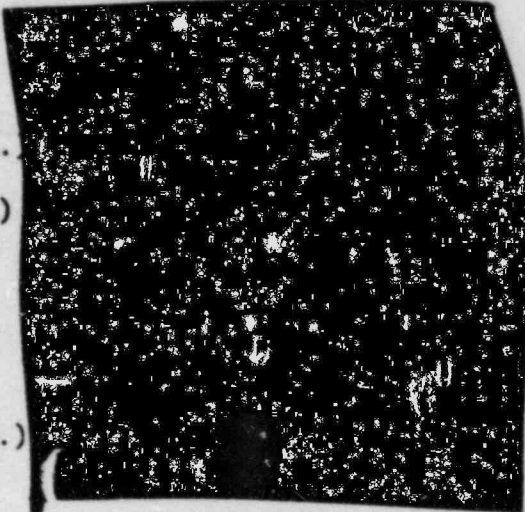
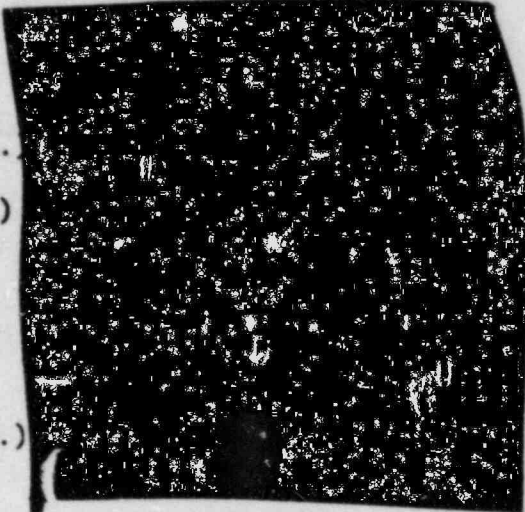
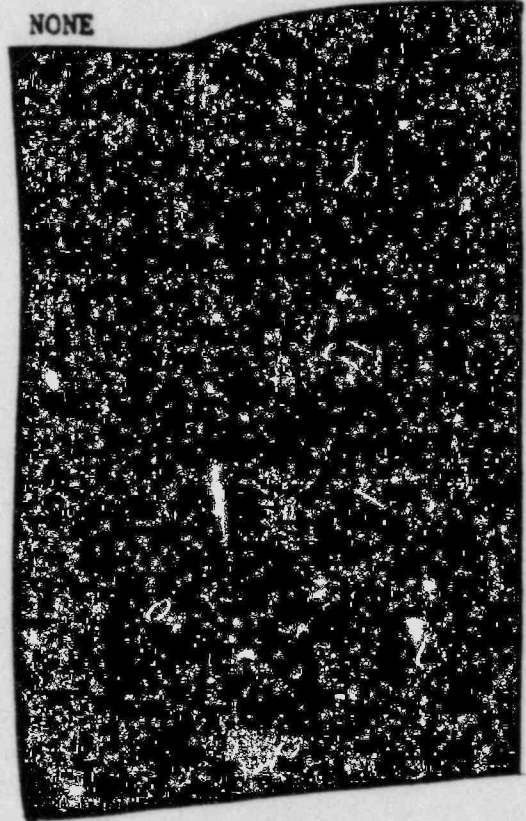
The GC and the two liaisons will make periodic calls during the crisis as developments change, and should make contacts even if the situation is unchanged. They will brief the officials, inform them they are the contact for future reports and make arrangements to locate them on a regular basis for the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

The GC 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

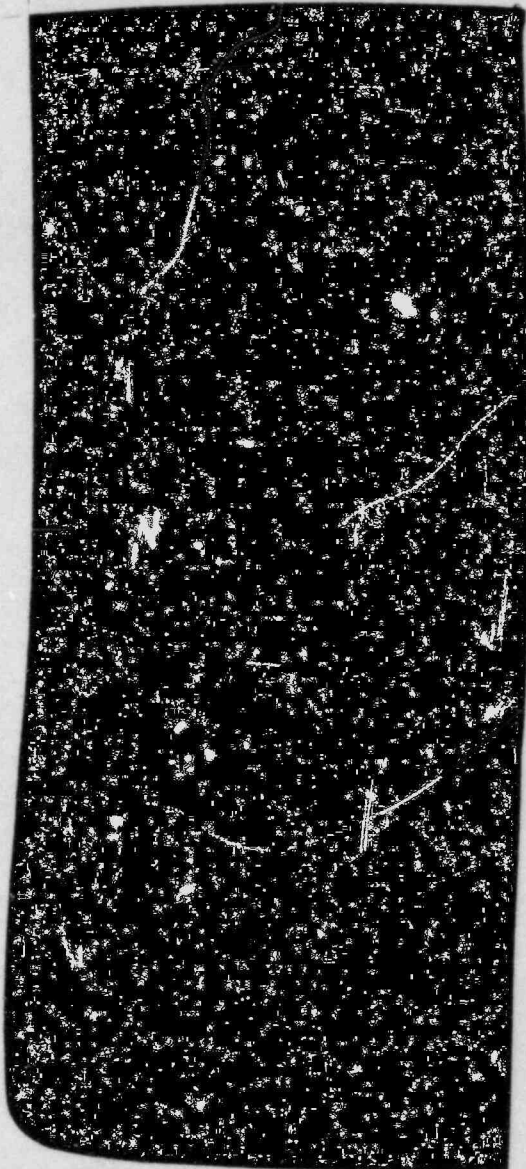
1. Upon notification by the SC that the CNC is to be activated, the GC will contact those persons listed on p. 30, Governments Coordinator Call List.
2. Report to the GOND in Corporate Communications. The GC will monitor crisis developments, make update reports to SGL and FGL and then continue to keep EPZ officials updated on developments.

Governments Coordinator Call List

<u>Person/Group To Contact</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>	
1. <u>State Government Liaison</u> (SGL)				
Shift 1 ROBERT TUCKER			_____	
Shift 2 BETTY JEAN HUDSON			_____	
(Ask that they begin their calls.)				
2. <u>Federal Government Liaison</u> (FGL)				
Shift 1 JOHN HICKS			_____	
Shift 2 BARBARA SIMPSON			_____	
(Ask that they begin their calls.)				
3. <u>Elected Officials</u>				
<u>SIX MILE</u>				
Primary: ROBERT GUERRERI	NONE		_____	
Alternate: ELAINE HERRON			_____	
<u>SENECA</u>				
Primary: PAT COVINGTON				_____
Alternate: ED LOWERY				_____
<u>WALHALLA</u>				
Primary: PAUL BROWN				_____
Alternate: THOMAS ALEXANDER			_____	
<u>WEST UNION</u>				
Primary: MICHAEL MILLER			_____	
Alternate: JOHN NEVILLE			_____	

Governments Coordinator Call List (cont'd)

<u>Person/Group To Contact</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
3. <u>Elected Officials (cont'd)</u>			
<u>CLEMSON</u>			
Primary: H. J. WEBB			_____
Alternate: C. F. HELSEL, JR.			_____
<u>CENTRAL</u>			
Primary: JOHN SUMMEY			_____
Alternate: OLIN GAMBRELL			_____
<u>NORRIS</u>			
Primary: KENNETH MAXEY			_____
Alternate: FRANK DONALD			_____
<u>SALEM</u>			
Primary: THOMAS E. POWELL			_____
Alternate: AMOS CHANDLER			_____
<u>OCONEE COUNTY</u>			
Primary: NORMAN CRAIN			_____
Alternate: MRS. OPAL GREEN			_____
<u>PICKENS COUNTY</u>			
Primary: MARION OWENS			_____
Alternate: R. WELDON DAY			_____



N. State Government Liaison (SGL)

<u>STATE GOVERNMENT LIAISON</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - ROBERT TUCKER		
Shift 2 - BETTY JEAN HUDSON		

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 on p. 33, SGL Call List.
2. Repeat the calls every 3 to 4 hours, or as warranted by the situation.

SGL Call List

	TELEPHONE NUMBERS		Time Called
	<u>Business Home</u>	<u>Columbia</u>	
1. DISTRICT NO. 1 - STATE SENATE (Abbeville, Anderson, Oconee, Pickens)			
T. Ed Garrison (D)	(B) (H)		_____
M. E. McDonald (D)	(B) (H)		_____
Alexander S. Macaulay (D)	(B) (H)		_____
Nell W. Smith (D)	(B) (H)		_____
2. STATE HOUSE OF REPRESENTATIVES			
<u>District No. 1 (Oconee)</u>			
M. D. Cleveland (D)	(B) (H)		_____
<u>District No. 2 (Oconee)</u>			
Robert Neil McLellan (D)	(B) (H)		_____
<u>District No. 3 (Pickens)</u>			
Edward W. Simpson, Jr. (R)	(B) (H)		_____
<u>District No. 4 (Pickens)</u>			
Larry A. Martin (D)	(B) (H)		_____
<u>District No. 5 (Pickens/Anderson)</u>			
B. L. Hendricks, Jr. (D)	(B) (H)		_____

O. . Federal Government Liaison (FGL)

FEDERAL GOVERNMENT LIAISON

Shift 1 - JOHN HICKS
Shift 2 - BARBARA SIMPSON

Office
Telephone

Home
Telephone



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 on p. 35, FGL Call List.
2. Repeat the calls every 3 to 4 hours, or as warranted by the situation.

FGL Call List

	<u>Phone Numbers</u>	<u>Time Called</u>
1. Senator John East	Washington Office:	_____
	Suzanne Tussing (Appointment Sec.)	Washington Home: _____
	Palmer Stacey (Administrative Asst.)	Washington Home: _____
	Kathy Davis (Staff Director)	District Office: _____ District Home: _____
2. Senator Jesse Helms	Washington Office:	_____
	Clint Fuller (Exec. 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: _____	_____



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 McCrary	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:	_____



FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
10. Rep. James G. Martin	Washington Office: Washington Home: Davidson Home:	_____ _____ _____
Paul Jones	Charlotte Office: Charlotte Home:	_____ _____
Jim Loftin (Martin's Asst.)	Washington Home:	_____
11. Rep. Stephen L. Neal	Washington Office:	_____
Don Abernethy (Administrative Asst.)	Washington Home:	_____
J. W. Phillips (District Adm. Asst.)	Winston-Salem Office: Winston-Salem Home:	_____ _____
12. Rep. Tim Valentine	Washington Office:	_____
Ted L. Daniel (Administrative Asst.)	Washington Home:	_____
A. B. Swindell, IV (District Representative)	Rocky Mount Office: Rocky Mount Home:	_____ _____
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:	_____ _____

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
14. Rep. Butler Derrick (3rd District, SC)	Washington Office:	_____
Al Kamhi (Administrative Asst.)	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:	_____ _____

P. Media Registration Coordinator (MRC)

MEDIA REGISTRATION
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - GARY HEDRICK

Shift 2 - CATHY ROCHE

Basic Functions

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 MC that the CNC is being activated, the MRC will call:

MEDIA REGISTRATION
COORDINATOR SUPPORT

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - PAT TATE
(Section Head)
JAN KEEGER
PALMER HOLT
MELISSA ROCHESTER

Shift 2 - CAROL BARRETT
(Section Head)
ROBIN LOWE
MARK McSWAIN
LINDA LAW

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.
3. Will set up news conferences and will, to best of ability, inform media of next scheduled news conference.

Media Registration Coordinator (MRC)

Primary Responsibilities (cont'd)

4. 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. In the event that a site emergency is declared where nonessential personnel evacuate the site, media and information representatives are required to have an identification made in a special facility located near the main entrance to the plant. Upon site evacuation, a member of this shift will move to the special trailer to assist security in registration.

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

5. MRC will make sure all news releases are posted in the registration area in the lobby of the Visitor Center and in the trailer.
6. MRC will function throughout duration of crisis.

Q. Technical Briefers (TB)

TECHNICAL BRIEFERS

Office
Telephone

Home
Telephone

Shift 1 - BILL RIXON
(Section Head)
SUZANNE ISOLA
HARVEY DEAL
DAVID PETERSON

RICHARD WILSON

JOHN WOLFMEYER (SRO)

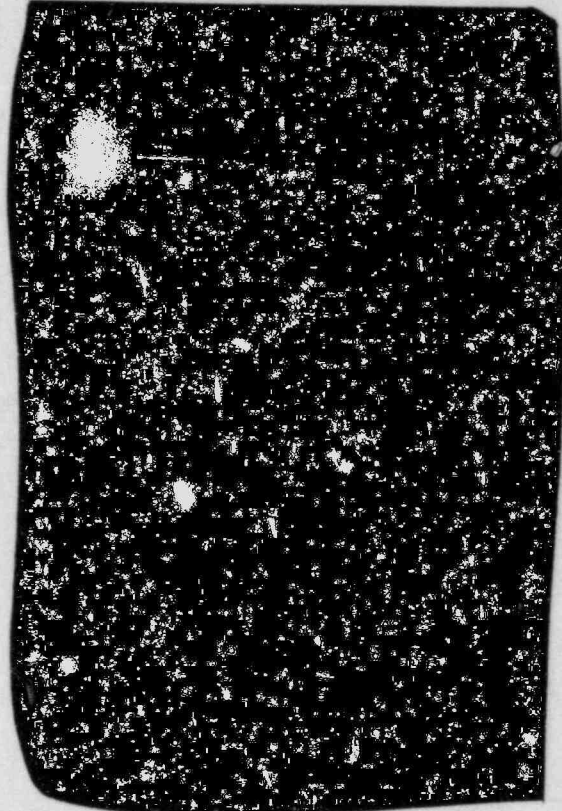
AMY HOPE

Shift 2 - JOE MAHER
(Section Head)
PAT OSBURN
PAUL GUILL
LOU DUNCAN

STEVE FRYE (SRO)

JOHN WYLIE

LES STALLINGS



Basic Functions

The TB have three 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.
3. Assist in handling "rumor control" calls.

At least six 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 Ocone.

Technical Briefers (TB) (cont'd)

Primary Responsibilities

1. Upon notification by the MC that the CNC is to be activated, the TB will go to the CNC to perform their role. Section head will assign Technical Briefers to specific areas to include covering media in auditorium and upstairs, as well as phone lines, both at reception desk and in the CNC downstairs.
2. Brief the state and county PIOs and keep them informed of plant developments.

R. Audiovisual Coordinator (AVC)

AUDIOVISUAL COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - PAT PAYNE
Shift 2 - JIM REYNOLDS



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 AVC 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 AVC 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.

The AVC also will assign two people from the Southern 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.

News conferences will be scheduled in the auditorium of the Keowee-Toxaway Visitor Center.

Primary Responsibilities

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

AUDIOVISUAL COORDINATOR
SUPPORT

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - MICKIE STEVENS
HUGH DEADWYLER

Shift 2 - TONY BARNES
RALPH BRADSHAW, JR.



Audiovisual Coordinator (AVC)

Primary Responsibilities (cont'd)

2. Call one of the following and ask that they report to their offices and begin monitoring/taping radio and TV news programs.

<u>RADIO/TV MONITOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - REBECCA LEVER			
Shift 2 - FRAN RICHARDSON			

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

S. Secretarial Team - Visitor Center

SECRETARIAL TEAM
VISITOR CENTER

Office
Telephone

Home
Telephone

Shift 1 - BETH MASURAT
(Section Head)
CAROLYN LAYMAN
BARBARA BARKER

Shift 2 - PEARL MCBRIDE
(Section Head)
ALLISON PLYLER
PRISCILLA LEDBETTER



Basic Function

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

Primary Responsibilities

1. Proceed to CNC at the Keowee-Toxaway Visitor Center when notified by the SC.
2. Type, hand deliver and telecopy to General Office Corporate Communications all news releases and press conferences as directed by the SC.

HAND DELIVER (news releases and press conference transcripts)

Training Center - Recovery Manager's Office

Recovery Manager
Crisis News Director
Public Spokesperson
Monitor
NRC representatives
FEMA representatives
Post

Visitor Center - Downstairs

Crisis News Center staff
NRC representatives
Post

Visitor Center - Upstairs

Media Coordinator - 15
Technical Briefer section head - 10
Post in auditorium
State Command Post Liaison - 10
Post in room with PIOs

Secretarial Team - Visitor Center

Primary Responsibilities (cont'd)

TELECOPY (news releases and press conference transcripts)

G.O. News Center

(manual, 4 or 6 mins.)

Technical Support Center

Mike Tuckman

(manual, 4 or 6 mins.)

Technical Support Center Liaison

NRC representatives

FEMA representatives

Verification - Coleman Jennings

T. Secretarial Team - General Office

SECRETARIAL TEAM
GENERAL OFFICE

Office
Telephone

Home
Telephone

Shift 1 - BARBARA BROWN
(Section Head)
BETTY EVANS

Shift 2 - SHEILA ZINK
(Section Head)
ANNETTE ISENHOUR



Basic Function

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

Primary Responsibilities

1. Type and hand deliver all news releases as listed below.
2. Use Electronic Mail and telecopy all news releases to appropriate agencies listed on pages 48-49.
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-4022
 - D. W. Booth.....PB-4024
 - H. L. Cranford.....PB-4026
 - D. H. Denton.....PB-4028
 - F. A. Jenkins.....PB-4030
 - Jim Bavis.....PB-1085
 - J. D. Hicks.....PB-5105
 - S. C. Griffith.....PB-5121

Secretarial Team - General Office

Primary Responsibilities (cont'd)

ELECTRONIC MAIL (news releases)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>(INFORMATION ONLY)</u>	
		<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>INPO</u>	Angie Howard	[REDACTED] (8 AM - 5 PM)	(8 AM - 5 PM)
		[REDACTED] (24 hrs.) automatic-6 mins.	
<u>AIF</u>	Scott Peters or Carl Goldstein or Paul Turner	[REDACTED] switchboard, then to automatic machine-6 mins. (8 AM - 5 PM)	(8 AM - 5 PM)
<u>NSAC</u>	Ray Schuster or Dan Van Atta	[REDACTED] (24 hrs.) automatic-6 mins.	(7:30 AM - 5 PM)
<u>EEL</u>	Kirk Willison	[REDACTED] (24 hrs.) automatic-6 mins.	(8:30 AM-5:30 PM)


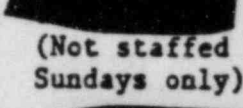

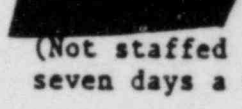
TELECOPY (news releases)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>ANS</u>	V. Gay Easley or Darlene Schmidt	[REDACTED] (24 hrs.) automatic-6 mins.	(8 AM - 5 PM)
<u>NRC</u>	Ken Clark	[REDACTED] (24 hrs.) automatic-6 mins.	(8 AM - 5 PM)
<u>Babcock & Wilcox</u>	Richard Gentile or Ron Hite	[REDACTED] automatic-6 mins (8 AM - 5 PM)	
<u>SC State Gov. Office</u>	Bill Goodwin	[REDACTED] manual-6 mins. as for Doris Cobb	

Secretarial Team - General Office

Primary Responsibilities (cont'd)

TELECOPY (news releases) (cont'd)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO. & VERIFICATION NO.</u>
<u>AP</u>		 (Columbia)
<u>AP</u>		 (Raleigh) (Not staffed 12:30 AM - 6:00 PM, Sundays only)
<u>UPI</u>		 (Columbia)
<u>UPI</u>		 (Raleigh) (Not staffed 1:00 AM - 5:00 AM, seven days a week)

U. Media Notification Team

MEDIA NOTIFICATION TEAM

Office
Telephone

Home
Telephone

Shift 1 - JOYCE BEYER
(Section Head)
WILMA KINARD
PEGGY HENDERSON
JUDY PORTER
DEBBIE HAWKINS

Shift 2 - BERNIE MILLS
(Section Head)
FRAHER BROWN
BETH ANTHONY
MARIE HINSON
MARCIA HALSEY



Basic Function

1. Assists the GOND.
2. Makes media calls as directed by the Section Head from media call list, p. 51.
3. At completion of calls, assists with clerical/secretarial support within the crisis news group at Corporate Communications, Charlotte, as directed by the GOND.

Media Call List 1

	<u>Time Called</u>		<u>Time Called</u>
1.		2.	
WYFF-TV 803/242-4404 Greenville, SC 29602 Mary McCarthy, News Director		WSPA-TV Spartanburg, SC 29304 Kevin Kelly, News Director	
Alternate numbers: Mary McCarthy (H) David Graves (H)		Alternate numbers: Hot Line to News Room Jim Walrod, Asst. News Director (H)	
<hr/>			
3. *,**		4.	
CHARLOTTE OBSERVER (AM) CHARLOTTE NEWS (PM) 704/379-6500 (Oppel's office) 704/379-6503 (Ethridge's office) Charlotte, NC 28201 Rick Oppel, Editor		NEWS (LROO) (Main Number) (Kilgo's office) Charlotte, NC 28216 John Kilgo, News Director	
Alternate numbers: Rick Oppel (H) Mark Ethridge (H)		Alternate number: News Room (Manned 24 hrs/day)	
<hr/>			
5.		6. **	
WEGO 704/786-9112 Concord, NC 28025 William Rollins, General Mgr.		GASTONIA GAZETTE (PM) Gastonia, NC 28052 Bill Williams, Editor	
Alternate number: Nancy Cooper (Station Manager) (H)		Alternate numbers: Bill Williams (H) Gennie Palmer (H) Don Hudson (H)	

* = AM
** = PM

Media Call List 1 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. **		8. **	
SALISBURY POST (PM) 704/633-8950 Salisbury, NC 28144 Steve Bouser, Editor		ENTERPRISE (PM) High Point, NC 27261 Joe Brown, Editor	
Alternate numbers: Steve Bouser (H) Jason Lesley (H)		Alternate number: Joe Brown (H)	
<hr/>			
9. *		10. **	
WINSTON-SALEM JOURNAL (AM) 919/727-7211 Winston-Salem, NC 27102 Joe Goodman, Editor		WINSTON-SALEM SENTINEL (PM) Winston-Salem, NC 27102 Fred Flagler, Editor	
Alternate numbers: Joe Goodman (H) Sylvia Lane (H)		Alternate numbers: Fred Flagler (H) Jim Laughlin (H)	
<hr/>			
11. *			
NEWS & OBSERVER (AM) 919/829-4500 Raleigh, NC 27602 Claude Sitton, Editor			
Alternate numbers: Claude Sitton (H) Bob Brooks (H)			

* = AM


** = PM

Media Call List 2


<u>Time Called</u>	<u>Time Called</u>
<p>1. * ANDERSON INDEPENDENT MAIL (AM) 803/224-4321 Anderson, SC 29621 Dick Gorrell, Vice Pres. & Editor Jim Calfee, Managing Editor</p>	<p>2. ** WBTB 704-374-3500 (Main Number) 704/374-3691 (News Room) Charlotte, NC 28208 Ron Miller, News Director</p>
<p>Alternate number: Dick Gorrell (H)</p>	<p>Alternate numbers: Keith Young (H) Graham Wilson (H) Brian Thompson (H)</p>
<p>3. * WSOC 704/335-4999 (Main Number) 704/335-4842 (News Room) Charlotte, NC 28201 Leslie Wolfe, Acting News Director</p>	<p>4. ** ROCK HILL EVENING HERALD (PM) 803/329-4000 Rock Hill, SC 29730 Russel H. Rein, Exec. Ed.</p>
<p>Alternate numbers: Leslie Wolfe (H) Scott Griffin (H)</p>	<p>Alternate numbers: Russel Rein (H) Jeff Cowart (H) (City Editor)</p>
<p>5. ** DAILY INDEPENDENT (PM) 704/932-3131 Kannapolis, NC 28081 Don Smith, Managing Ed.</p>	<p>6. ** DAILY RECORD (PM) 704/322-4510 Salisbury, NC 28601 Bill Kincaid, Editor</p>
<p>Alternate number: Don Smith (H)</p>	<p>Alternate numbers: Bill Kincaid (H) Troy Houser (H)</p>

* = AM
 ** = PM

Media Call List 2 (cont'd)

	<u>Time Called</u>	<u>Time Called</u>
7. **		8.
LEXINGTON DISPATCH (PM) 704/249-3981 Lexington, NC 27292 Ralph Simpson, Editor	_____	WSJS/WTQR 919/727-8860 (Main Number) 919/727-8887 (News Room) Winston-Salem, NC 27102 Wayne Willard, News Director
Alternate number: Ralph Simpson (H)		Alternate number: Control Room 919/727-0060 (Manned at all times)

9. *,**		10.
GREENSBORO DAILY NEWS (AM) GREENSBORO RECORD (PM) 919/373-7051 Greensboro, NC 27420 Ben Bowers, Exec. Ed.	_____	WTVD-TV 919/683-1111 Durham, NC 27702 Ned Warwick, News Director
Alternate number: City Desk (O) 919/373-7008 (Manned at all times)		Alternate numbers: News Room after 5:30 PM 919/688-4443 News Room after 5:30 PM 919/688-7651 Control Room - all hours 919/683-1119 Guard Station- all hours 919/683-1117 or -1118

11. **	
RALEIGH TIMES (PM) 919/829-4500 Raleigh, NC 27602 A. C. Snow, Editor	_____
Alternate numbers: A. C. Snow (H) Mike Yopp (H)	



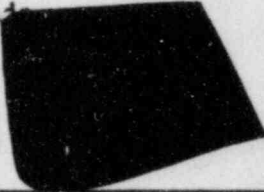


* = AM
** = PM

Media Call List 3

	<u>Time Called</u>		<u>Time Called</u>
1. *		2. **	
GREENVILLE NEWS (AM) 803/298-4301 Greenville, SC 29602 Allen Clark, City Ed. Tom Hutchinson, Managing Ed.		GREENVILLE PIEDMONT (PM) 803/298-4160 Greenville, SC 29602 Dale Gibson, Managing Ed.	
Alternate numbers: Allen Clark (H) Tom Hutchinson (H)		Alternate number: Dale Gibson (H)	
3. **		4.	
GREENWOOD INDEX JOURNAL (PM) 803/223-1811 Greenwood, SC 29646 William Collins, Exec. News Ed. John Watson, Managing Ed.		WIS-TV 803/799-1010 Columbia, SC 29201 Gary Anderson, News Dir.	
Alternate number: John Watson (H)		Alternate numbers: Gary Anderson (H) Lonnie Wehunt (H)	
5. **		6.	
ENQUIRER-JOURNAL (PM) 704/289-1541 Monroe, NC 28110 Sid Hart, Editor		WCSL 704/435-3297 Cherryville, NC 28021 Calvin Hastings, Gen. & Sales Mgr.	
Alternate number: Sid Hart (H)		Alternate numbers: Milton Baker (H) Calvin Hastings (H)	

* = AM
** = PM

Media Call List 3 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. **		8.	
RECORD AND LANDMARK (PM) 704/873-1451 Statesville, NC 28677 Jerry Josey, Managing Ed.	_____	WBIG 919/288-4131 Greensboro, NC 27420 Lloyd Gordon, News Director	_____
Alternate numbers: Jerry Josey (H) Neil Furr (H) Darrell Hathcock (H)		Alternate numbers: News Room (Manned all hours except 12 Midnight - 7 AM Sundays) Lloyd Gordon (H)	
9.		10. *	
WFMY-TV 919/379-9369 Greensboro, NC 27420 Al Hinman, Managing Ed.	_____	DURHAM MORNING HERALD (AM) 919/682-8181 Durham, NC 27702 Dick Jones, City Ed.	_____
Alternate numbers: 6 PM - 11:45 PM & Weekends News Room Al Warlick (H) Mike McCall (H)		Alternate number: Dick Jones (H)	
11. **			
DURHAM SUN (PM) 919/682-8181 Durham, NC 27702 Carlton Harrell, Managing Ed.	_____		
Alternate number: Carlton Harrell (H)			

* = AM
** = PM

Media Call List 4

	<u>Time Called</u>		<u>Time Called</u>
1.		2. *,**	
WANS 803/224-3424 Anderson, SC 29622 Bob Armstrong, News Dir.		SPARTANBURG HERALD-JOURNAL (AM, PM) 803/582-4511 Spartanburg, SC 29301 Rudy Rivers, Exec. Ed. Leslie Timmis, Managing Ed.	
Alternate number: Bob Armstrong (H)		Alternate number: Rudy Rivers (H)	
3. *,**		4.	
STATE (AM) RECORD (PM) 803/771-6161 Columbia, SC 29202 Thomas N. McLean, Ex. News Ed.		WPCQ-TV 704/536-3601 Charlotte, NC 28205 Tonia Morrison, Assign. News Ed.	
Alternate numbers: Charlie Byers (H) Harry Logan (H) Robert Hitt (H)		Alternate numbers: Tonia Morrison (H) Dan Ezell (H)	
5.		6.	
WLON 704/735-6383 Lincolnton, NC 28092 Larry Seagle, News Director Jack Brown, Manager		MOORESVILLE TRIBUNE 704/664-5554 Mooreville, NC 28115 Len Sullivan, Editor	
Alternate numbers: Larry Seagle (H) Jack Brown (H)		Alternate number: Len Sullivan (H)	







* = AM
** = PM

Media Call List 4 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7.		8.	
MECKLENBURG GAZETTE 704/892-8809 Davidson, NC 28036 Gail Derwort, Associate Ed.		OBSERVER-NEWS-ENTERPRISE 704/464-0221 Newton, NC 28658 Sylvia Ray, Managing Ed.	
Alternate number: Gail Derwort (H)		Alternate number: Sylvia Ray (H)	
<hr/>			
9. **		10.	
DAILY STAR (PM) 704/484-7000 Shelby, NC 28150 Ted Hall, Editor		WPTF 919/832-8311 Raleigh, NC 27602 Bart Ritner, News Director	
Alternate number: Ted Hall (H)		Alternate number: Bart Ritner (H)	
<hr/>			
11.			
WRAL-TV 919/821-8555 Raleigh, NC 27101 Ron Price, News Director			
Alternate number: News Room (Manned 24 hrs/day)	919/821-8600		
<hr/>			

* = AM
** = PM

Media Call List 5

	<u>Time Called</u>		<u>Time Called</u>
1.		2.	
WLOS-TV 803/242-6091 Greenville, SC 29602 Dale Weiss, Bureau Chief	_____	WSPA 803/585-9500 Spartanburg, SC 29304 Greg McKinney, News Dir.	_____
Alternate numbers: For Asheville Dale Weiss (H)		Alternate numbers: News Room Greg McKinney (H)	
<hr/>			
3.		4.	
WBT-AM 704/374-3833 Charlotte, NC 28208 Scott White, News Director	_____	WSOC-TV 704/335-4735 Charlotte, NC 28201 Dick Moore, News Director	_____
Alternate number: Scott White (H)		Alternate numbers: Dick Moore (H) Wayne Houseman (H)	
<hr/>			
5. **		6.	
CONCORD TRIBUNE 704/782-3155 Concord, NC 28025 John Kennedy, Editor Bill Ross, Managing Editor	_____	WGAS 704/865-5796 Gastonia, NC 28052 Glenn Mace, President	_____
Alternate numbers: John Kennedy (H) Bill Ross (H)		Alternate numbers: Glenn Mace (H) Earl Mace (H)	

* = AM
** = PM

Media Call List 5 (cont'd)

	<u>Time Called</u>	<u>Time Called</u>
7. ** NEWS TOPIC (PM) 704/758-7381 Lenoir, NC 28645 Steve Sumlin, Editor Alternate number: Steve Sumlin (H)	_____	_____
8. WXII-TV 919/722-2939 Winston-Salem, NC 27106 Dave Emery, News Dir. Alternate number: Dave Emery (H)	_____	_____
9. WGHP-TV 919/883-7131, 883-7726 or 883-9444 High Point, NC 27261 Larry Stirewalt, News Dir. Alternate numbers: Larry Stirewalt (H) Ralph Shaw (H)	_____	_____
10. MESSENGER 919/548-6047 Madison, NC 27025 David M. Spear, Publisher Alternate number: David M. Spear (H)	_____	_____
11. WPTF-TV 919/682-9643 Raleigh, NC 27602 Roy Carden, News Director Alternate number: Roy Carden (H)	_____	_____

* = AM
** = PM

V. Status Board Coordinator (SBC)

STATUS BOARD COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - SHANNON SMITH
Shift 2 - JANE SAWYER

Basic Function

To keep the News Center staff updated on plant developments by maintaining boards identical to the ones in the Recovery Manager's office.

This position must function as fast as possible either by acting as a "runner" between the Recovery Manager's office and the News Center or, if time does not permit, by phone.

Primary Responsibilities

Upon notification by the SC that the CNC has been activated, the SBC will report to the Recovery Manager's office to monitor and record plant developments.

Report to the Support Coordinator by phone upon arriving at the Recovery Manager's office.

As major events occur, SBC must keep plant developments boards in CNC updated at regular intervals.

Remain at CNC/Recovery Manager's office for duration of crisis.

SBC reports to the support coordinator.

W. Radio and Television Monitor (R/TVM)

<u>RADIO AND TELEVISION MONITOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - REBECCA LEVER		
Shift 2 - FRAN RICHARDSON		

Basic Function

To monitor and tape radio/television news programs and to keep the news center updated on any rumors or incorrect information that may be released by the radio or television media.

Primary Responsibilities

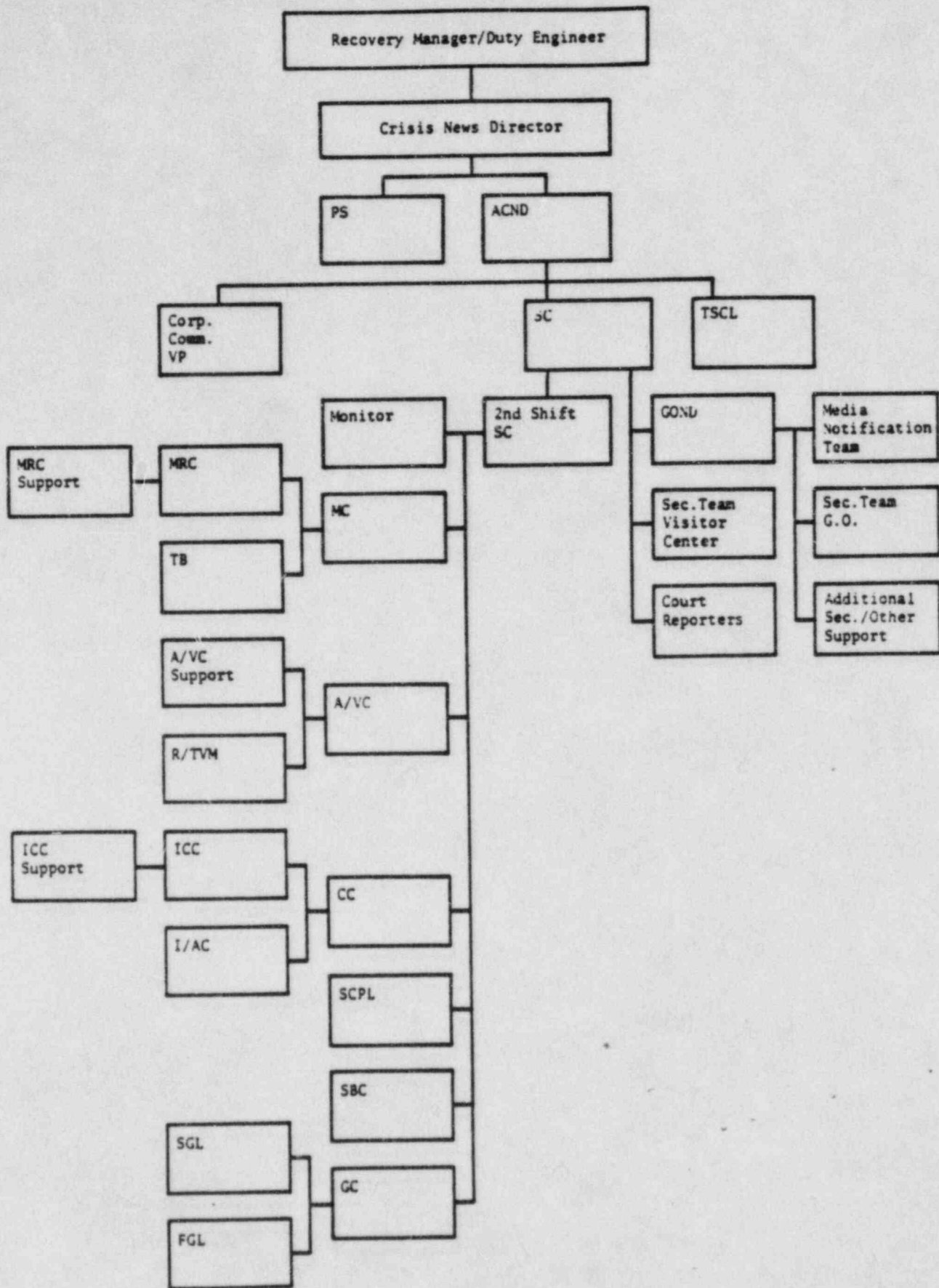
1. Upon notification by the AVC that the CNC is to be activated, proceed to their designated work location.
2. Monitor and tape as many radio and television news programs as possible (within division) that deal with the emergency during the course of the crisis.

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 (803/882-0601, 882-5620 or 882-1720) who will then confer with the CND to determine if a rebuttal is necessary.

3. Remain at designated location until crisis is over and services are no longer needed.

IV. NEWS GROUP ACTIVATION

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



V. CRISIS NEWS CENTER - PRIMARY & BACKUP

Primary CNC

As described in Figure 5, p. 73, the primary CNC for Oconee Nuclear Station is the Keowee-Toxaway Visitor Center. Access to the facility is as shown in Figure 4, p. 72.

The CND, PS, and Monitor will take up positions in the Recovery Manager's office as shown in Figure 9, p. 77.

Alternate Location

It is possible that during an emergency, the crisis news organization would be moved to another off-site location. That location for the Oconee Nuclear Station will be the town of Liberty.

The crisis management organization will relocate to the Liberty retail office. The Crisis News staff would occupy a portion of the display area toward the front of the building.

The news center, where media would congregate, is the Liberty Town Hall, a short distance from the retail office. Position functions for all Crisis News Center personnel will remain the same.

Each person is responsible for transportation to the primary/alternate Crisis News Center.

The State Law Enforcement Division (SLED) of South Carolina will be involved in limiting access into the general Oconee area to those people who are directly involved in the station emergency. In order to assist you in passing through roadblocks, please place the large yellow card on your car dash and wear the smaller card around your neck.

Routes to Liberty from Oconee Nuclear Station:

Route 1 - South on SC-130 to US-123; left (east) on US-123 to intersection with US-178; left on US-178 (north) to Liberty.

Route 2 - East on SC-183 to Pickens intersection with US-178; right (south) on US-178 to Liberty.

The backup CNC numbers at the Liberty office are:



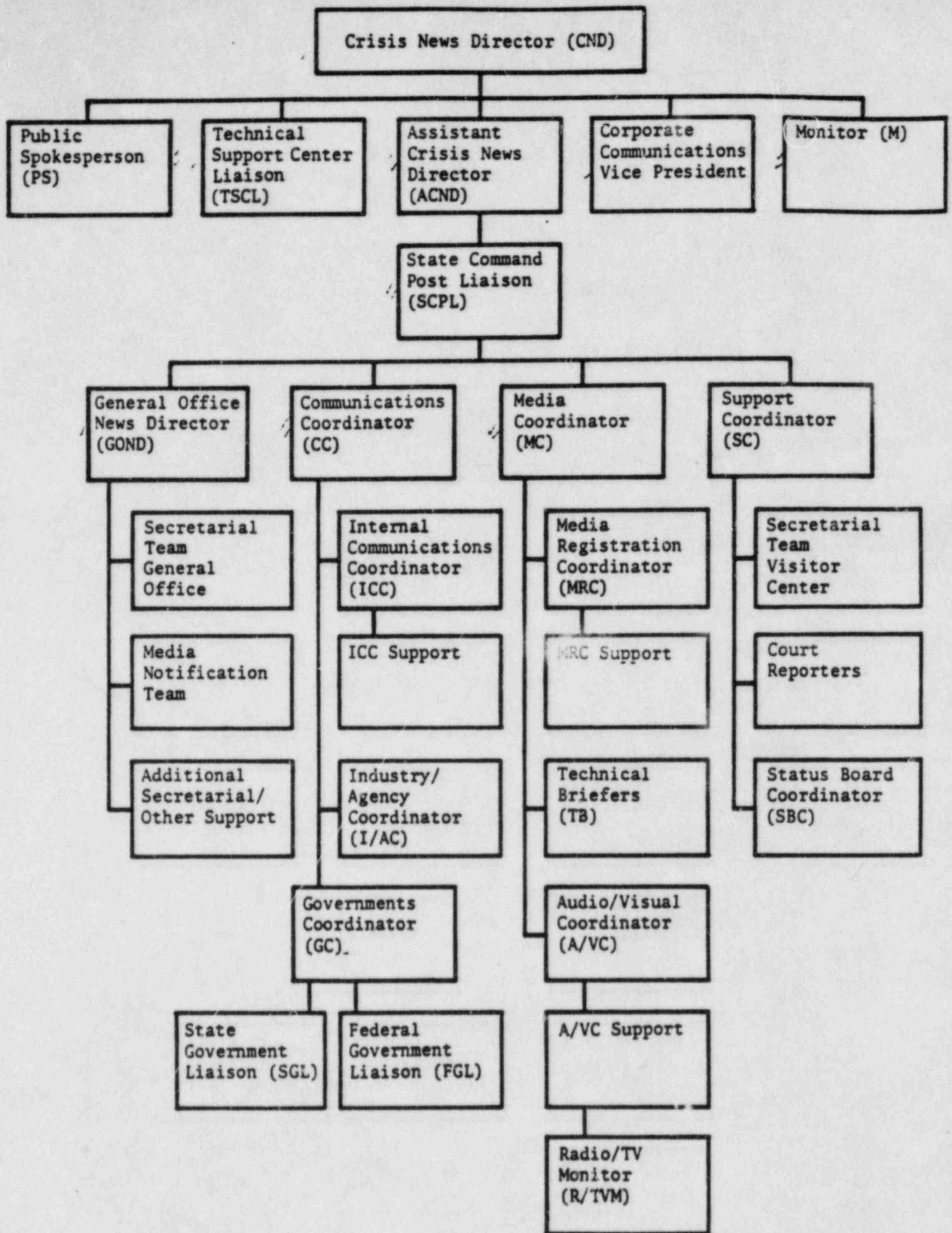


Figure 1

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 - Phil Carter

Vice President, Corporate Communications

J. Kenneth Clark

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

Communications Coordinator

✓ Shift 1 - Sondra Wise
✓ Shift 2 - Larry Davison

Media Coordinator

Shift 1 - Stick Williams
✓ Shift 2 - Alex Coffin

Support Coordinator

✓ Shift 1 - Diane Savage
Shift 2 - Sara Lee Epperson

State Command Post Liaison

✓ Shift 1 - Don Hatley
✓ Shift 2 - Chris Rolfe

Figure 1 (cont'd)

General Office News Director

✓Shift 1 - Andy Thompson
Shift 2 - Cecily Newton

Internal Communications Coordinator

✓Shift 1 - Bill Fox
✓Shift 2 - Bill Yoder

Internal Communications Coordinator Support

✓Shift 1 - Jonathan Smylie
Shift 2 - Kathy Bryant

Industry/Agency Coordinator

✓Shift 1 - Dock Kornegay
✓Shift 2 - Mike Bumgardner

Governments Coordinator

✓Shift 1 - Rick Deese
Shift 2 - Elizabeth Harmon

State Government Liaison

Shift 1 - Robert Tucker
Shift 2 - Betty Jean Hudson

Federal Government Liaison

Shift 1 - John Hicks
Shift 2 - Barbara Simpson

Media Registration Coordinator

✓Shift 1 - Gary Hedrick
✓Shift 2 - Cathy Roche

Media Registration Coordinator Support

Shift 1 - ✓ Pat Tate - Section Head
✓ Jan Keeger
✓ Palmer Holt
✓ Melissa Rochester

Shift 2 - ✓ Carol Barrett - Section Head
✓ Robin Lowe
✓ Mark McSwain
Linda Law

Figure 1 (cont'd)

Technical Briefers

- Shift 1 - Bill Rixon - Section Head
Suzanne Isola
Harvey Deal
David Peterson
Richard Wilson
John Wolfmeyer (SRO)
Amy Hope
- Shift 2 - Joe Maher - Section Head
Pat Osburn
Paul Guill
Lou Duncan
Steve Frye (SRO)
John Wylie
Les Stallings

Audiovisual Coordinator

- Shift 1 - Pat Payne
Shift 2 - Jim Reynolds

Audiovisual Coordinator Support

- Shift 1 - Mickie Stevens
Hugh Deadwyler
- Shift 2 - Tony Barnes
Ralph Bradshaw, Jr.

Secretarial Team - Visitor Center

- Shift 1 - Beth Masurat - Section Head
Carolyn Layman
Barbara Barker
- Shift 2 - Pearl McBride - Section Head
Allison Plyler
Priscilla Ledbetter

Secretarial Team - G.O.

- Shift 1 - Barbara Brown - Section Head
Betty Evans
- Shift 2 - Sheila Zink - Section Head
Annette Isehour

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
Fraher Brown
Beth Anthony
Marie Hinson
Marcia Halsey

Status Board Coordinator

Shift 1 - Shannon Smith
Shift 2 - Jane Sawyer

Radio & TV Monitor

Shift 1 - Rebecca Lever
Shift 2 - Fran Richardson

Technical Support Center Liaison

Shift 1 - Debbie Dubose
Shift 2 - Dan Marett

Additional Secretarial/Other Crisis News Center Support

Secretarial Support

Louise Ali
Tonya Safrit
Pam Griffith (Anderson)
Carol Stone (Anderson)

Other CNC Support

Toney Mathews
Mary Cele Bain
Jesse Swords
Cecil Turner (Oconee)
Robert Metz (Anderson)
Jim Hale
Carl Leonard

FIGURE 2
Crisis Management Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

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 Center 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 3

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

THIS (IS/IS NOT) A DRILL

Oconee Nuclear Station -- Duke Power Company reported an (alert/
site emergency/general emergency) at its Oconee Nuclear Station located near
Walhalla, 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.

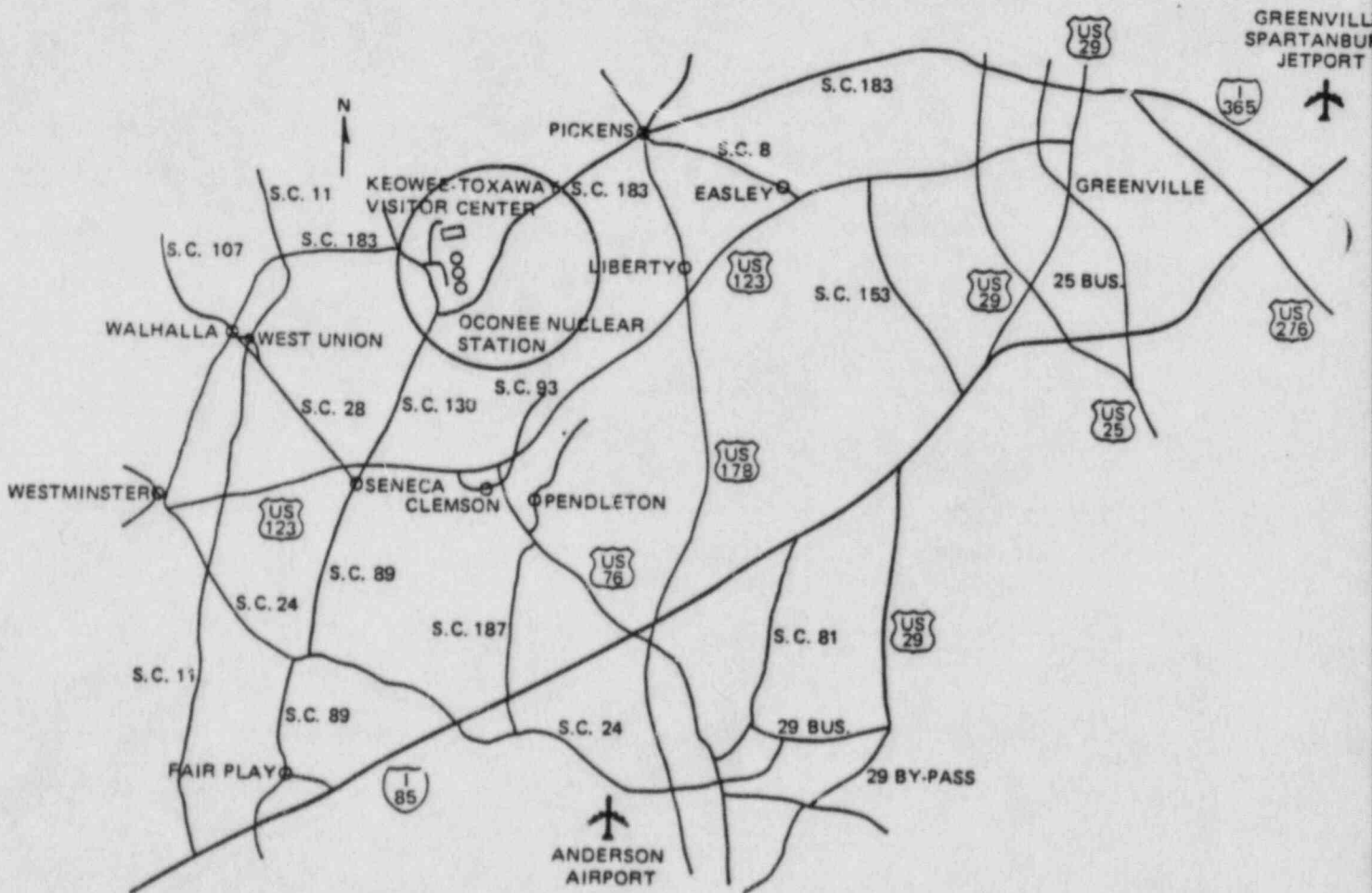
For further information, call Corporate Communications in Charlotte at
704/373-8138, 373-5054 or 373-2877.

NOTE: A news center is being activated at the Oconee Visitor Center near the
station. Facilities will be made available at the center for media
representatives. The news center phone number is 803/882-0601.
(Oconee: Take Route 123 to Seneca. At Seneca, take Route 130 North.
Follow signs to Keowee-Toxaway Visitor Center.)

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

FIGURE 4

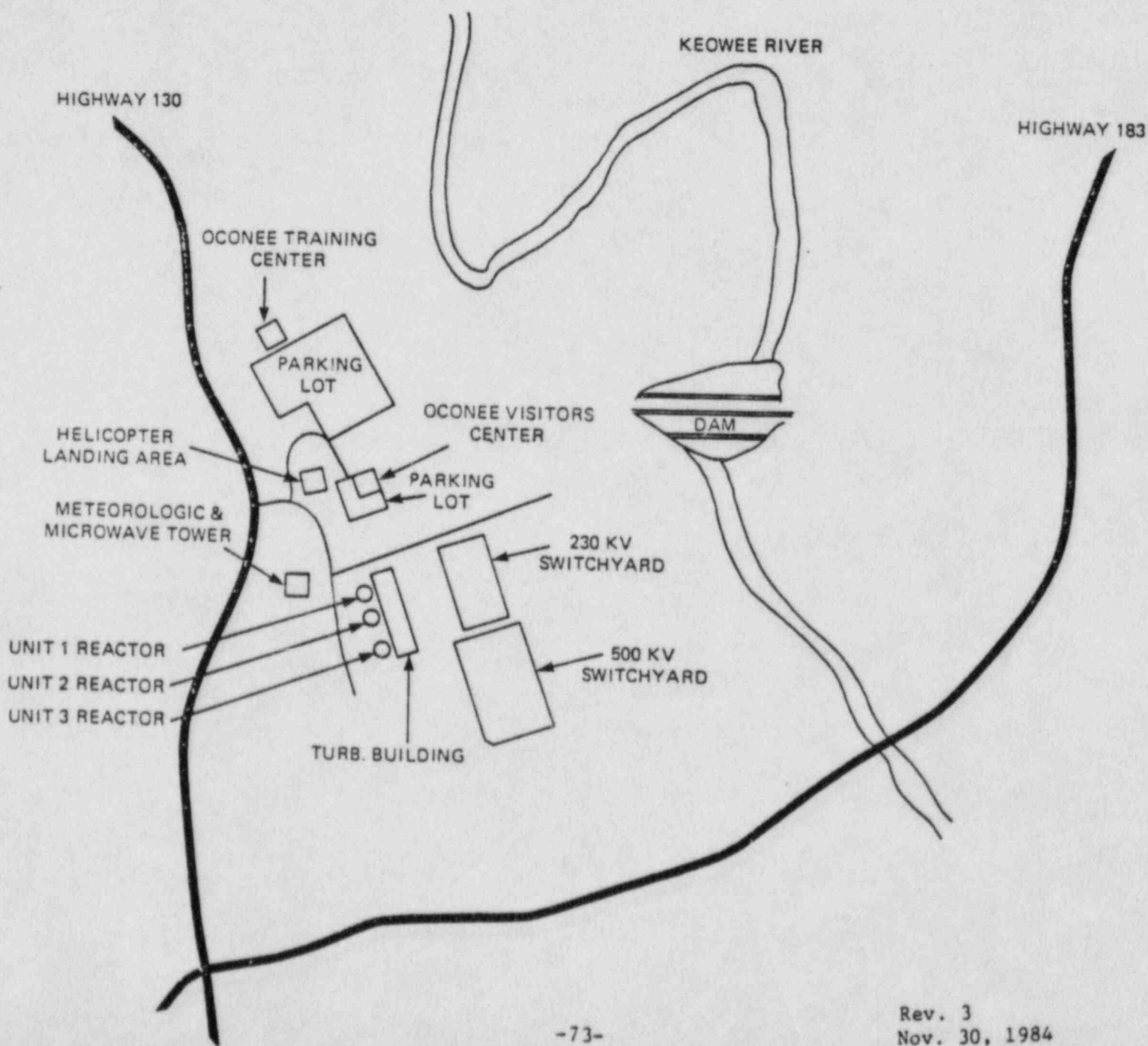
OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LOCATION



DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

FIGURE 5

OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LAYOUT



DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

Figure 6 .

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

FEOC - Armory telephone
654-9363

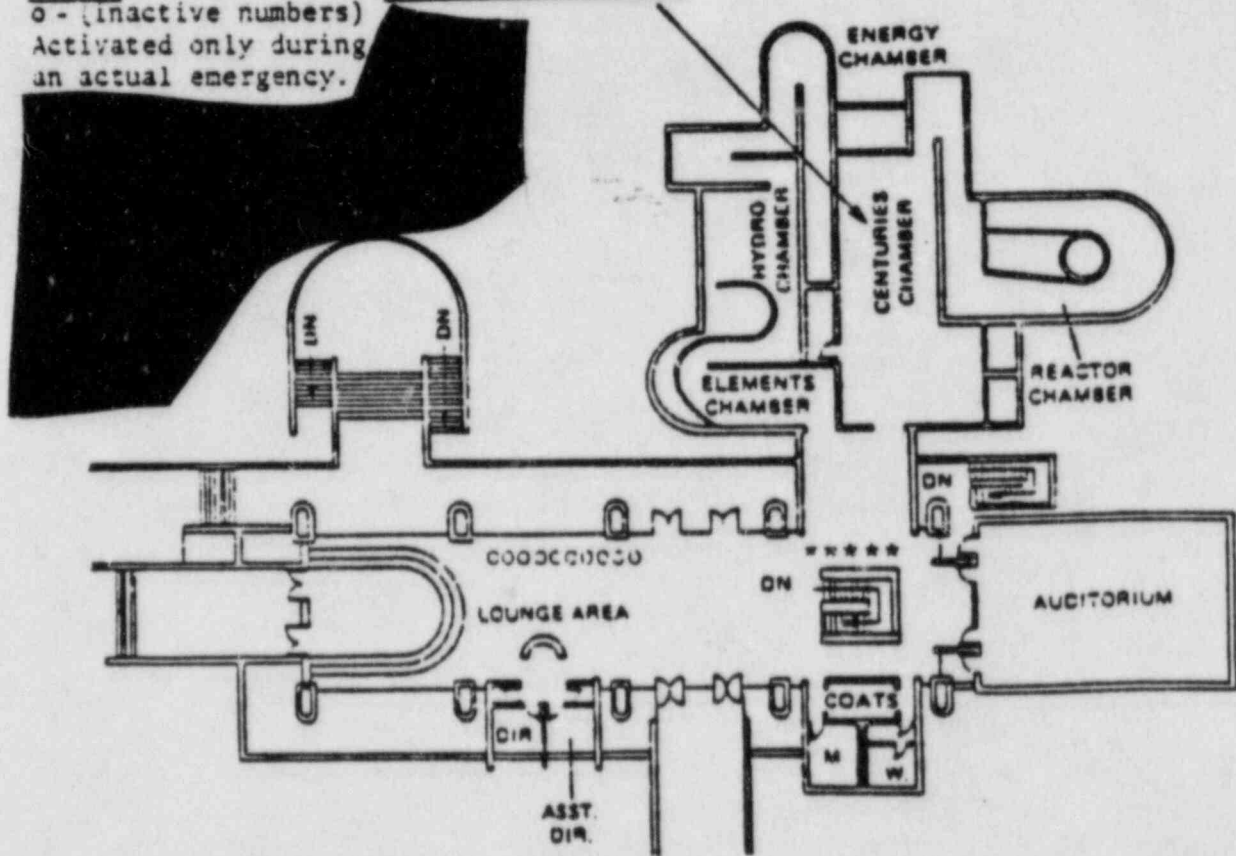
MEDIA

* - 5 SENECA LINES IN SERVICE

MEDIA

o - (inactive numbers)
Activated only during
an actual emergency.

STATE/COUNTY PIO'S

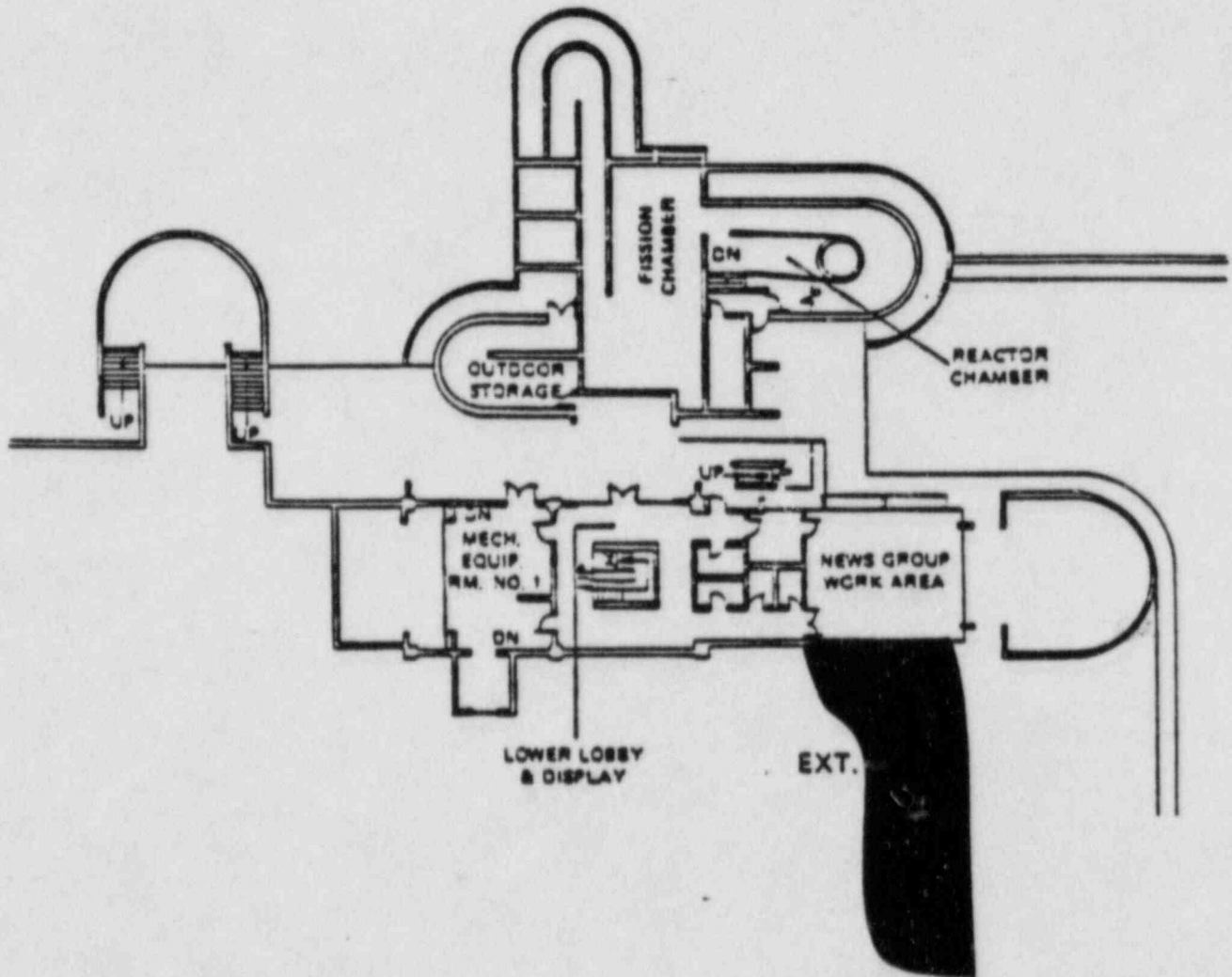


UPPER LEVEL * FLOOR PLAN

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

Figure 7

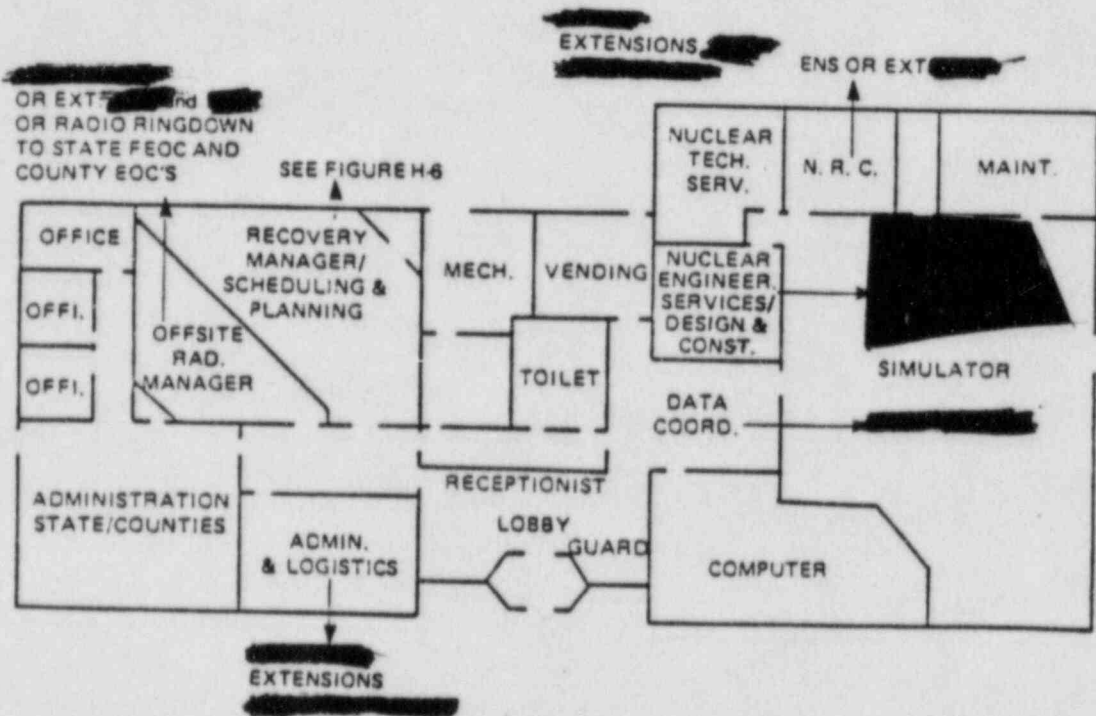
NEARSITE CRISIS NEWS CENTER
KEOWEE-TOXAWAY VISITOR'S CENTER (LOWER LEVEL)
CRISIS NEWS GROUP-WORK AREA



DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

FIGURE 8

NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER
COMMUNICATIONS LAYOUT



NOTE: EXTENSIONS ARE OFF OF [redacted]

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

OCONEE NUCLEAR STATION

FIGURE 9

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

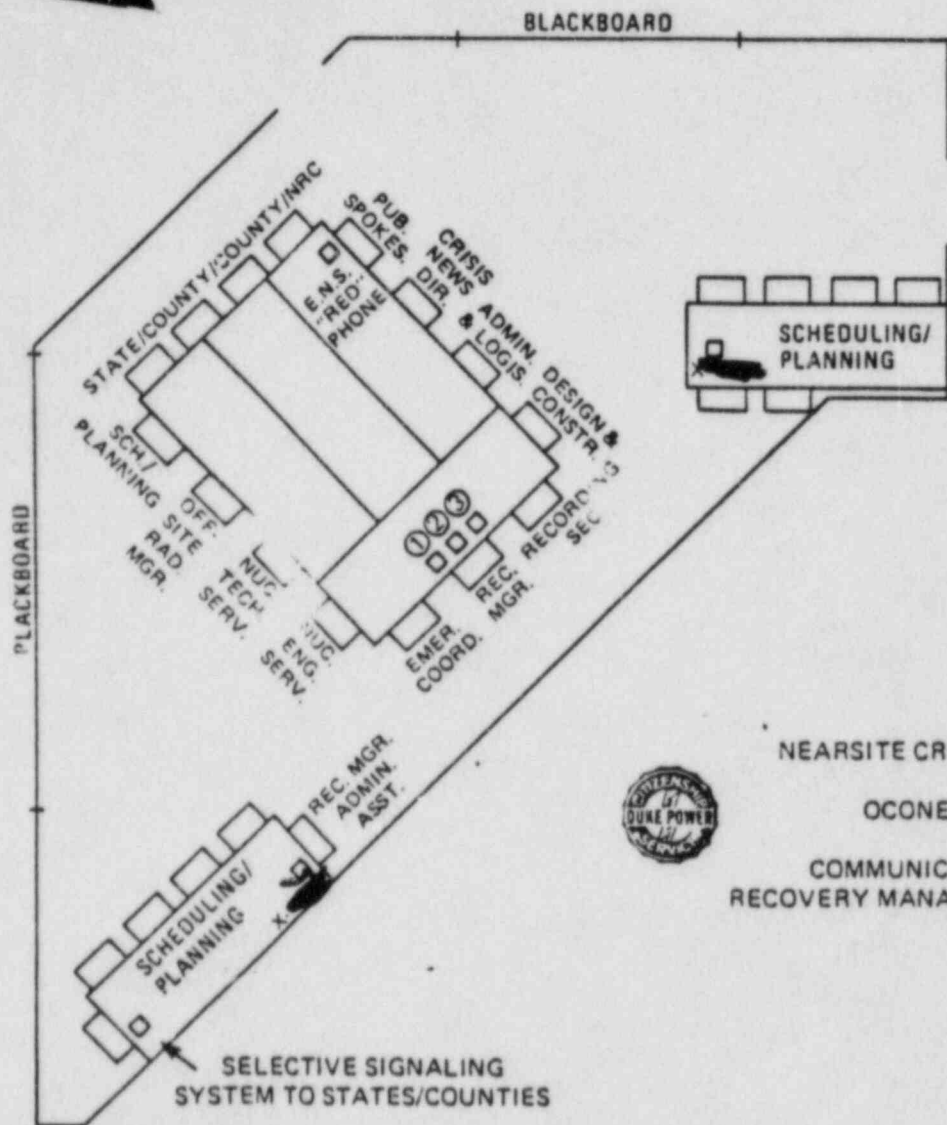
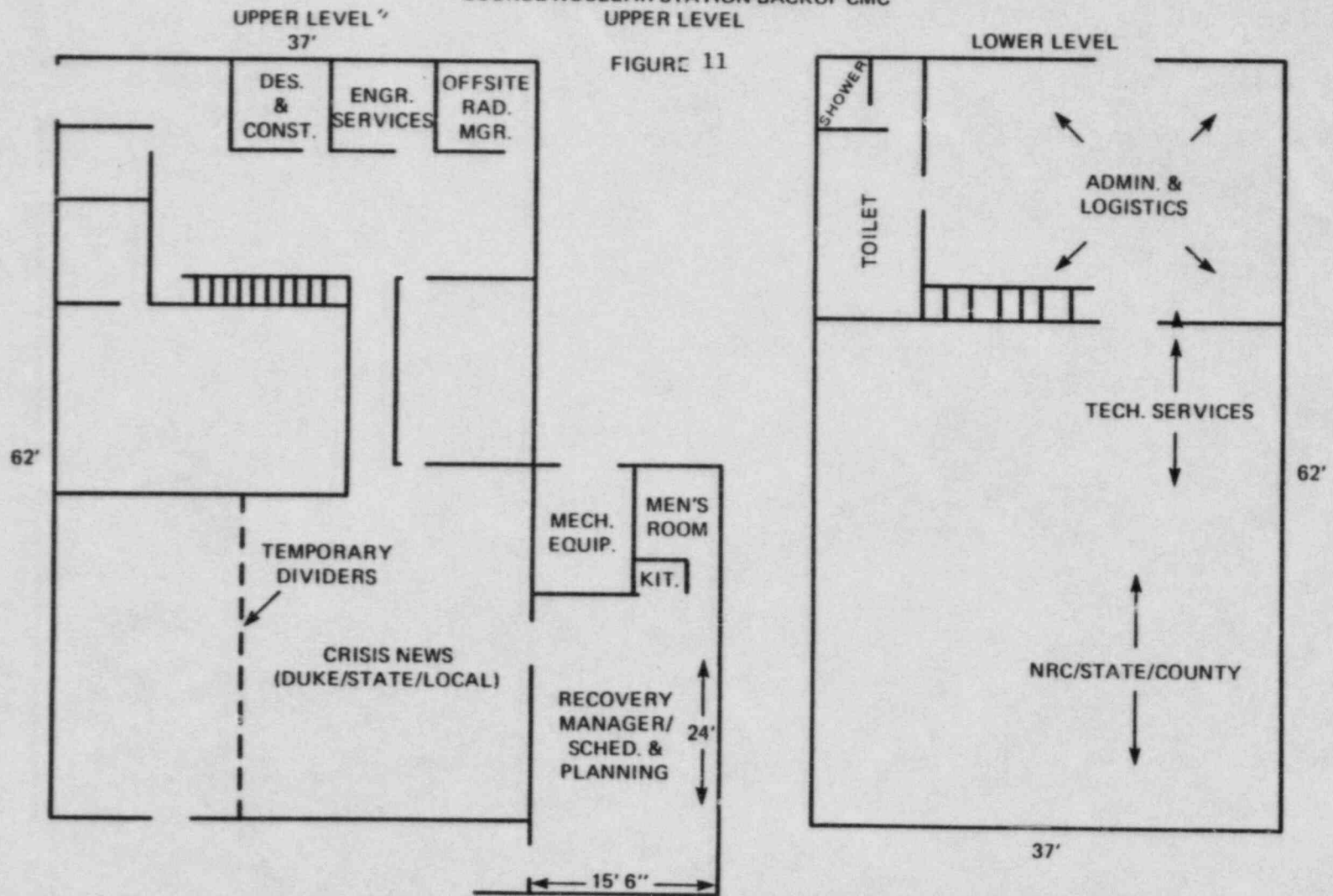


FIGURE
NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER
COMMUNICATIONS & ROOM LAYOUT
RECOVERY MANAGER/SCHEDULING & PLANNING



LIBERTY RETAIL OFFICE
LAYOUT

DUKE POWER COMPANY CRISIS MANAGEMENT PLAN
OCONEE NUCLEAR STATION BACKUP CMC



CRISIS MANAGEMENT PLAN
IMPLEMENTING PLAN CMIP-4
ADMINISTRATION AND LOGISTICS PLAN

Rev. 10

Nov. 30, 1984

TABLE OF CONTENTS

A.0 INTRODUCTION

- A.1 Purpose
- A.2 Major Functions
- A.3 Manager
- A.4 Assistant Managers
- A.5 Personnel Required
- A.6 Support Required from Other Groups
- A.7 Distribution of Administration and Logistics Plan
- A.8 Audit Procedures
- A.9 Expenses Incurred
- A.10 Emergency Activation Form
- A.11 CMC Activation

B.0 ADMINISTRATION DIRECTOR

- B.1 Purpose
- B.2 Major Functions
- B.3 Members of Group
- B.4 Additional Personnel Required
- B.5 Arrival at CMC
- B.6 Action List for Changing From Emergency to Recovery Mode
- B.7 Equipment Required to Perform Duties
- B.8 Office Supply Companies - Local
- B.9 Duke Power Retail Offices
- B.10 Facility Layout
- B.11 Photography Services
- B.12 Newsletter
- B.13 Telephone Call-up List
- B.14 Inventory of Supplies
- B.15 Records for Administration and Logistics Team
- B.16 Audit Procedure

C.0 ACCOMMODATIONS DIRECTOR

- C.1 Purpose
- C.2 Members of Group
- C.3 Additional Personnel Required
- C.4 Major Function - Crisis Situation
- C.5 Major Functions Recovery Effort
- C.6 Equipment Required During Recovery - McGuire, Catawba or Oconee (SITE)
- C.7 Interfacing with Plant Security
- C.8 Central Processing Center
- C.9 Lodging
- C.10 Airline Reservations
- C.11 Audit Procedures

TABLE OF CONTENTS

D.0 COMMUNICATIONS DIRECTOR

- D.1 Purpose
- D.2 Major Functions
- D.3 Members of Group
- D.4 Additional Personnel Required
- D.5 Arrival at CMC
- D.6 Communication Systems
- D.7 Equipment
- D.8 Telephone Directories
- D.9 Audit Procedures

E.0 PURCHASING DIRECTOR

- E.1 Purpose
- E.2 Major Functions
- E.3 Members of Group
- E.4 Additional Personnel Required
- E.5 Field Purchasing Contacts
- E.6 Arrival at CMC
- E.7 Interface with Other Groups
- E.8 Crisis Stage to Recovery Stage
- E.9 Procedures
- E.10 Major Equipment Identification
- E.11 Parts Information
- E.12 Utilities with Similar Equipment
- E.13 Audit Procedures

F.0 FINANCE DIRECTOR

- F.1 Purpose
- F.2 Major Functions
- F.3 Members of Group
- F.4 Action Required of Finance Personnel
- F.5 Additional Personnel Required
- F.6 Arrival at CMC
- F.7 Finance Check List for Recovery Operation
- F.8 Petty Cash
- F.9 Payroll Procedure
- F.10 Audit Procedure

G.0 COMMISSARY DIRECTOR

- G.1 Purpose
- G.2 Major Functions
- G.3 Members of Group
- G.4 Additional Personnel Required - Ocone
- G.5 Arrival at Site or CMC
- G.6 Food Suppliers
- G.7 Tents

- G.8 Trash Removal
- G.9 Portable Toilets
- G.10 Furniture
- G.11 Recovery
- G.12 Office Trailer
- G.13 Audit Procedure

TABLE OF CONTENTS

H.0 HUMAN RESOURCES

- H.1 Purpose
- H.2 Functions
- H.3 Members of Group
- H.4 Technical and Craft Personnel
- H.5 Technical Assistance from Various Suppliers of Equipment at Oconee
- H.6 Tractor Trailer Drivers, Equipment Operators, Flat Truck Drivers, Crane Operators, Van and Carry-All Drivers
- H.7 Electricians, Builders, Utilities
- H.8 Other Utility Companies
- H.9 Heliport
- H.10 Parking
- H.11 Crisis Management/Recovery Effort Work Schedule
- H.12 Facility Cleanup
- H.13 Audit Procedure

I.0 TRANSPORTATION DIRECTOR

- I.1 Purpose
- I.2 Major Functions
- I.3 Members of Group
- I.4 Additional Personnel Required
- I.5 First Call-Out
- I.6 Back-Up Equipment
- I.7 Outside Carriers and Personnel
- I.8 Air Freight
- I.9 Fuel Availability
- I.10 Audit Procedure

J.0 INSURANCE DIRECTOR

- J.1 Purpose
- J.2 Major Functions
- J.3 Members of Group
- J.4 Immediate Contact with Insurance Companies
- J.5 Interfacing with Other Groups
- J.6 Claims Office
- J.7 Audit Procedures

K.0 SECURITY DIRECTOR

- K.1 Purpose
- K.2 Major Functions
- K.3 Members of Group
- K.4 Establishment of Security Checkpoints - GO
- K.5 Site Security Checkpoints
- K.6 Assistance to Station Security Officer
- K.7 Assistance to State Law Enforcement

- K.8 Request for Law Enforcement Assistance
- K.9 Audit Procedures

TRAINING MEETINGS

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 Insurance
- A.2.j Security

A.3 MANAGER - R. F. Smith

Alternate Manager - S. M. Kessler

A.4 ASSISTANT MANAGERS

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

<u>Primary</u>	<u>Alternates</u>
E. D. Morton	C. Neil Alexander, Jr.
R. N. Johnson	D. S. Moss

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. Ocone Training Center - Richard Bugert

A.7.b. R. E. Harris - 22 copies
(NRC and Implementing Plans)

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

A.7.d. Lionel Lewis

A.8 AUDIT PROCEDURES

All of the information contained in this plan will be verified for accuracy semi-annually.

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

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

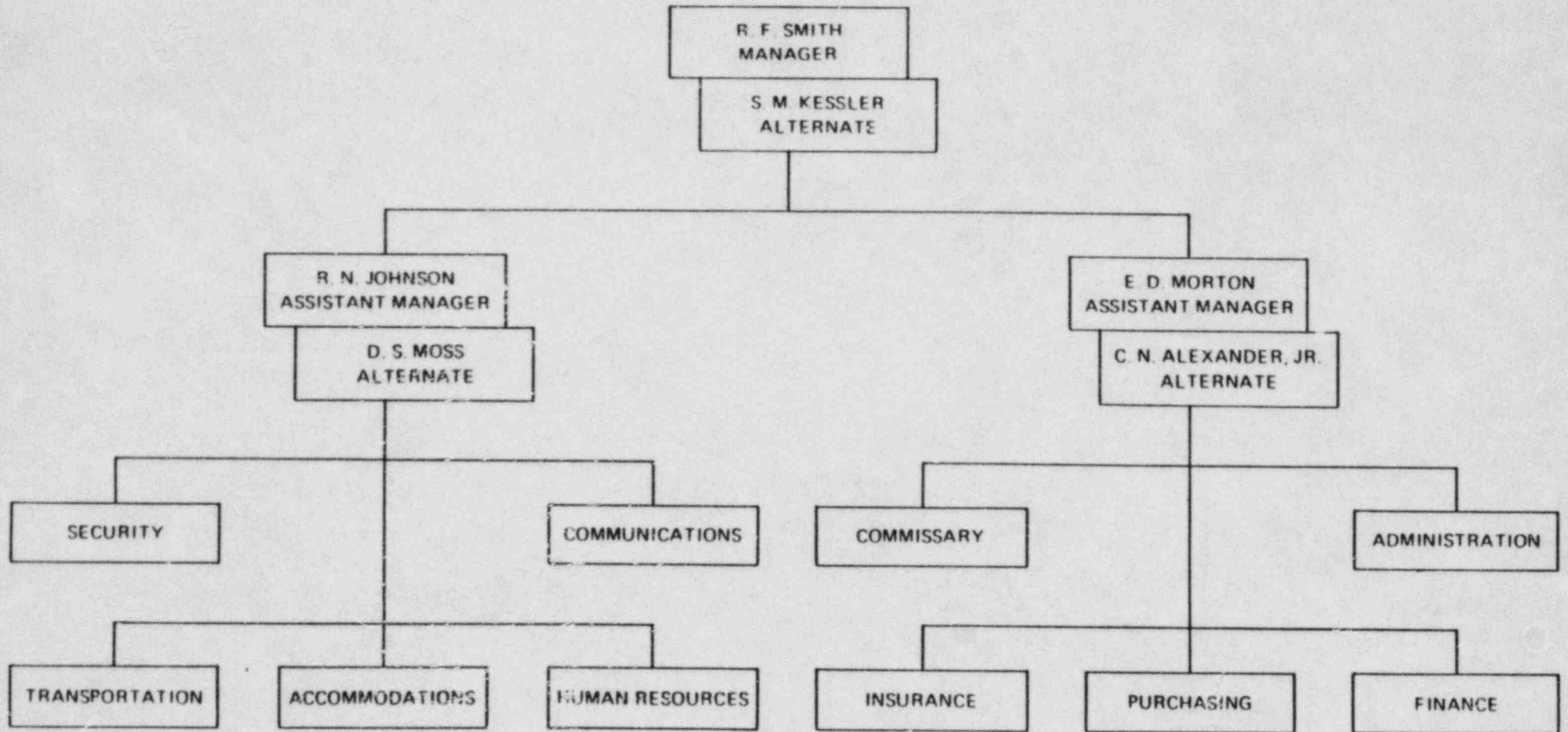
A.10 EMERGENCY ACTIVATION FORM

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

A.11 CMC ACTIVATION

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

ORGANIZATIONAL CHART



APPENDIX A-2
PAGE 1

Crisis Management Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

Your Name _____ Time Contacted _____
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 Center 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.

APPENDIX A-3
PAGE 1

CMC ACTIVATION

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

- R. F. Smith - Contact alternate to either make telephone calls or report to CMC ASAP.
- R. N. Johnson - Establish Security.
Establish communication system. Contact balance of team in accordance with call tree.
Report to Administration and Logistics area of the CMC.
- E. D. Morton - Make telephone notifications in accordance with call-up list.
Assess situation concerning meals and act accordingly.
Report to Administration and Logistics area of the CMC.

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

Brenda Walker
Alta Furr
Arlene Ritter
Pam Baker
Libby Applegate

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 the area. Accommodations Group will initially require three clerical people at Oconee.

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 data representation in Admin. and Logistics Office.
- Person #2: (1) Responsible for distributing placecards in Recovery Manager's office.
(2) Responsible for distributing disposable ashtrays. (Oconee)
(3) Oconee only - Relieve receptionist periodically.
- Person #3: (1) Responsible for secretarial/clerical needs of state/county public information officers.
(2) Responsible for checking needs of court recorders.
- Person #4: (1) Responsible for setting up copy machines. (Oconee PIO)
(2) Responsible for getting a telecopier to Data Coordinator. (Oconee only.)
(3) Responsible for personnel needs of Accommodations Group (Oconee only).

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

- B.6.1 Send copy of Inventory List to G.O. Office Supply Department for replenishment of supplies.
- B.6.2 Determine additional space requirements.
- B.6.3 Prepare weekly work schedules.

B.7 EQUIPMENT REQUIRED TO PERFORM DUTIES

Appendix B-3 lists office equipment availability within the Duke system and the order of arrival at the jobsite. This list encompasses equipment required by all areas of the Crisis Management 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 division 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
Ocone:	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 event, an audit will be performed on the essential office supplies and equipment. At that time the quantities that are low will be replenished. A check list showing required quantities will be provided. An inventory of essential supplies will be made quarterly in all locations.

B.15 RECORDS FOR ADMINISTRATION AND LOGISTICS TEAM

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

- B.14.a Expenses
- B.14.b Requisitions
- B.14.c Correspondence - Incoming and Outgoing
- B.14.d Minutes of Meetings
- B.14.e Record of Audits Completed
- B.14.f 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.

APPENDIX B-1
PAGE 1
RESERVE PERSONNEL

	<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>
<u>Oconee</u>									
Danny Powell			D.L. Freeze	SSD	Oconee	Has secretaries and clerks available			
Sheila Smith			Jay Norris	SSD	Oconee	X			
Richard Bugert			Bob Koehoer	Trng Center	Oconee				
Sharon R Crooks			Richard Bugert	Trng Center	Oconee	X		X	X
Janice Few			Ted Roach	SSD					
<u>McGuire or Catawba</u>									
Kathy Klein			Rob Penginger	Fossil	Wachovia	45 wpm	*Document Control		
Virginia Blakely			Gary Mardock	Fossil	Wachovia	65 wpm		X	*Word Processing
Kathy Simmons			I.W. Pearce	DE	EC	63 wpm	100 wpm	X	
Renee Stallings			Gene Harward	Nuc. Proc.	Wachovia				
Debbie Wolfe			J.H. Bane	Fossil	Wachovia				
Burette Shipp			Earl Lapp	Purchasing	WC	*Mail, Copy Machine			
Jay Huggins			A.W. Lammond	Info. Sys.	PB	*Copy Machine, Telecopier, Supplies, Office Equip.			
Kay Hansen			C.L. Sansbury	DE	EC	X	X	X	
Otis Gray			Otis Gray	Trng. Ctr.	McGuire	Has secretaries and clerks available			
Maudice Livingston			Richard Price	Trng. Ctr.	McGuire	Has secretaries and clerks available			
Earl Lapp				WC		Office supplies, mail, copies			

APPENDIX B-2

ESSENTIAL OFFICE SUPPLIES

Maintained in G.O. Recovery Managers Office

- 1 Ea. Stapler
- 1 Bx. Standard Staples
- 1 Ea. Scissors
- 6 Ea. Black Med. Point Pens
- 6 Ea. Blue Med. Point Pens
- 6 Ea. Red Med. Point Pens
- 1 Ea. Steno Notebook
- 6 Ea. 8 1/2 x 11 White Ruled Pads
- 6 Ea. #2 Pencils
- 1 Ea. Pencil Sharpener
- 1 Ea. Staple Remover
- 4 Ea. Ash Trays

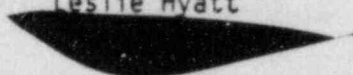

Maintained in Admin. and Log. Supply Cabinet at Oconee

- 2 Ea. Staplers
- 2 Bx. Standard Staples
- 2 Ea. Scissors
- 12 Ea. Black Med. Point Pens
- 12 Ea. Blue Med. Point Pens
- 12 Ea. Red Med. Point Pens
- 2 Ea. Steno Notebook
- 12 Ea. 8 1/2 x 11 White Ruled Pads
- 12 Ea. #2 Pencils
- 1 Ea. Pencil Sharpener
- 2 Ea. Staple Remover
- 12 Ea. Ash Trays





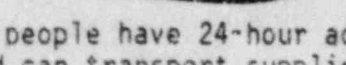
OFFICE EQUIPMENT

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


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



1. DPCO
Power Building
Office Supply
Leslie Hyatt

2. Duke Power Company
422 South Church Street
Charlotte, N.C. 28242
Contact: Jay Huggins
Office No.: 

COPY MACHINES - Oconee area

1. Oconee SSD
Lane Freeze
803-882-0954
Home: 
2. Greenville Retail Office
Rod Dailey
Work: 
Home: 
Wallace Rigdon
Work: 
Home: 

These two 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: 

APPENDIX B-3
PAGE 2

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

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

After hours call watchman first let it ring until answered. The watchman will secure the person alerted for the 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 - Polaroid and 1-35 mm required initially)

1. Frank Boyce - Design Engineering - General Services, extension
2. Bob Hollis - Mill Power, extension (1 - Polaroid)

APPENDIX B-3
PAGE 3

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

1. Margaret Hunt - Mill Power, extension [REDACTED]
2. Ruth Helms - Mill Power, extension [REDACTED]

PORTABLE DICTATING UNIT (1 required initially)

1. Sharon Friday - Mill Power, extension [REDACTED]
2. Katherine Murphy - DE Electrical, extension [REDACTED]

TELECOPIERS (PORTABLE)

- 1 - NRC
- 1 - Data Coordinator

1. Purchasing Supply Closet
2. Legal and Finance - maintained in CMT Closet
3. McGuire Construction or Ocone SSD
4. John Simmons - extension [REDACTED]

TELECOPIERS (NON-PORTABLE)

1. WC11-Corporate (Joe White)
2. WC22-Construction Services (Judi Lewis)
3. PB2-Copy Center (Jay Huggins)
4. EC-Parking Level 2

TYPEWRITERS

- 1 - P.I.O.'s
 - 3 - Court Recorders
- (Note: 2 typewriters are maintained for their Accommodations group in their trailer)

1. Brenda Walker - Office Supply extension [REDACTED]
2. Alta Furr - Purchasing, extension [REDACTED]
3. Ocone SSD - Danny Powell (1)
4. McGuire Construction (1)

APPENDIX B-4

PAGE 1

OFFICE SUPPLY COMPANIES

OCONEE NUCLEAR STATION

Harper Brothers
631 South Main Street
Greenville, S.C. 29602
Jim Williams
Office: 803-242-3600

Harper Brothers
1001 North Main Street
Anderson, S.C. 29621
803-226-7671

Young Office Supply
105 Southport Road
Spartanburg, S.C. 29301
Tom R. Young, Jr.
Office: 803-574-2344
Home: 803-582-4439

Fant's Book Store
126 North Main Street
Anderson, S.C. 29621
Marshall Fant
Office: 803-226-3446
Home: 803-226-8602

Business Equipment Company, Inc.
104 W. North Street
Greenville, S.C. 29601
(803) 235-7469

Anderson Business Equip. Co., Inc.
510 Murray Avenue
Anderson, S.C. 29621
803-225-3113

Oconee Office Supply
North Townville Street
Seneca, S.C. 29678
803-882-2472

Kearns Corp.
337 West Main
Easley, S.C. 29640
803-859-5013

Clemson University Bookstore
Clemson, S.C. 29631
803-656-2050

Tempo Leasing Corporation
912 Laurens Road
Greenville, S.C. 29607
803-271-1415
(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: 597-1502

Office Interiors
1117 Clement Avenue
Charlotte, N.C. 28205
Phone: 332-2661
Charles Cummings

Kale Office Ourfitters, Ltd.
217 South Tryon Street
Charlotte, N.C. 28201
Phone: 377-2641

Pound and Moore
1447 South Tryon Street
P.O. Box 30427
Charlotte, N.C. 28230
Phone: 375-7751

Scott Beaver
Building Services
Power Building
Extension 4296
(Used Furniture)

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: [REDACTED]

CHARLOTTE DIVISION

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

WESTERN DIVISION

Mr. John F. Lomax
Vice President
Duke Power Company
P. O. Box 2589
Hickory, N.C. 28603
[REDACTED]

CENTRAL DIVISION

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

EASTERN DIVISION

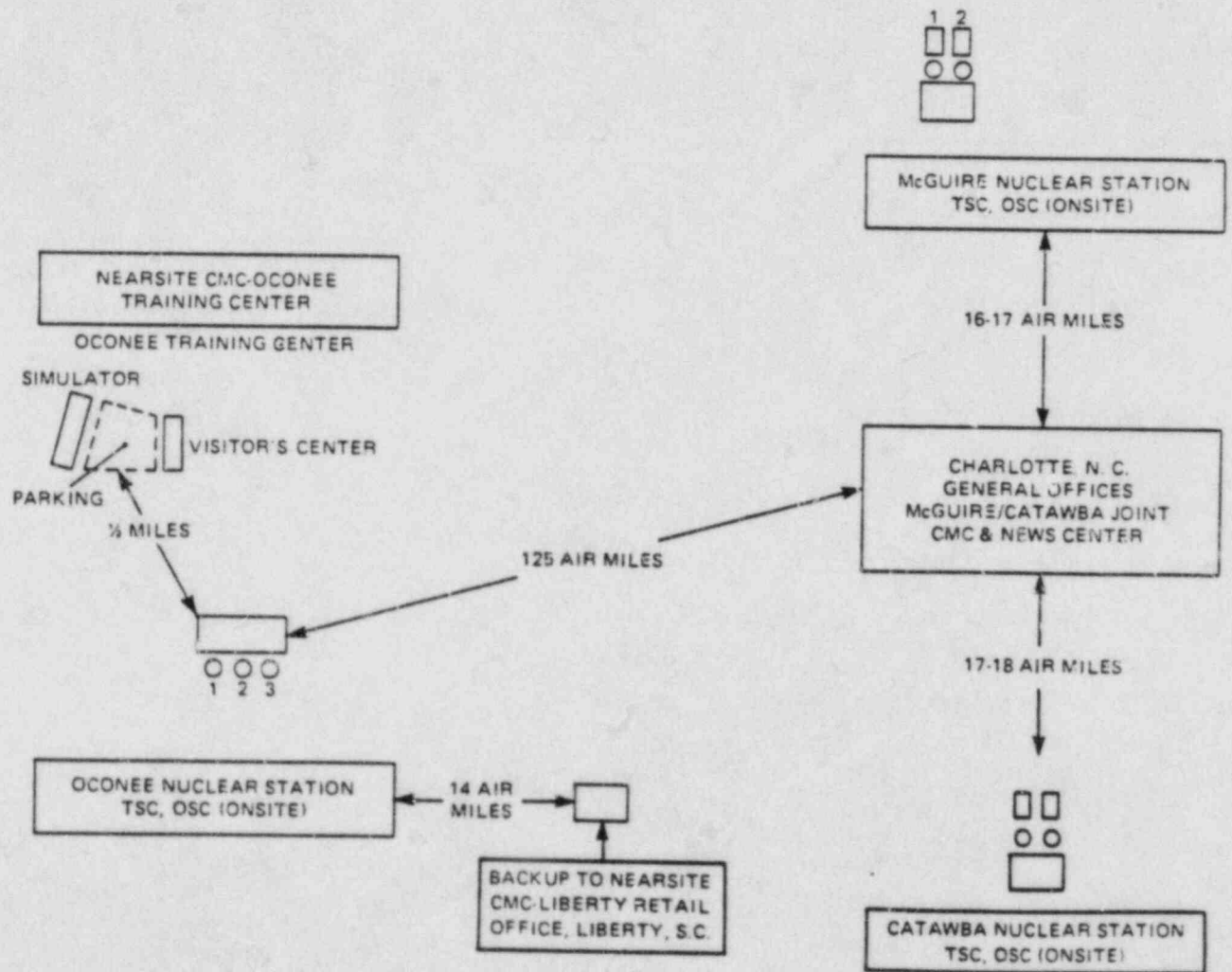
Mr. T. M. Patrick, Jr.
Vice President
Duke Power Company
P. O. Box 21656
Greensboro, N.C. 27420
Phone: [REDACTED]

SOUTHERN DIVISION

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

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

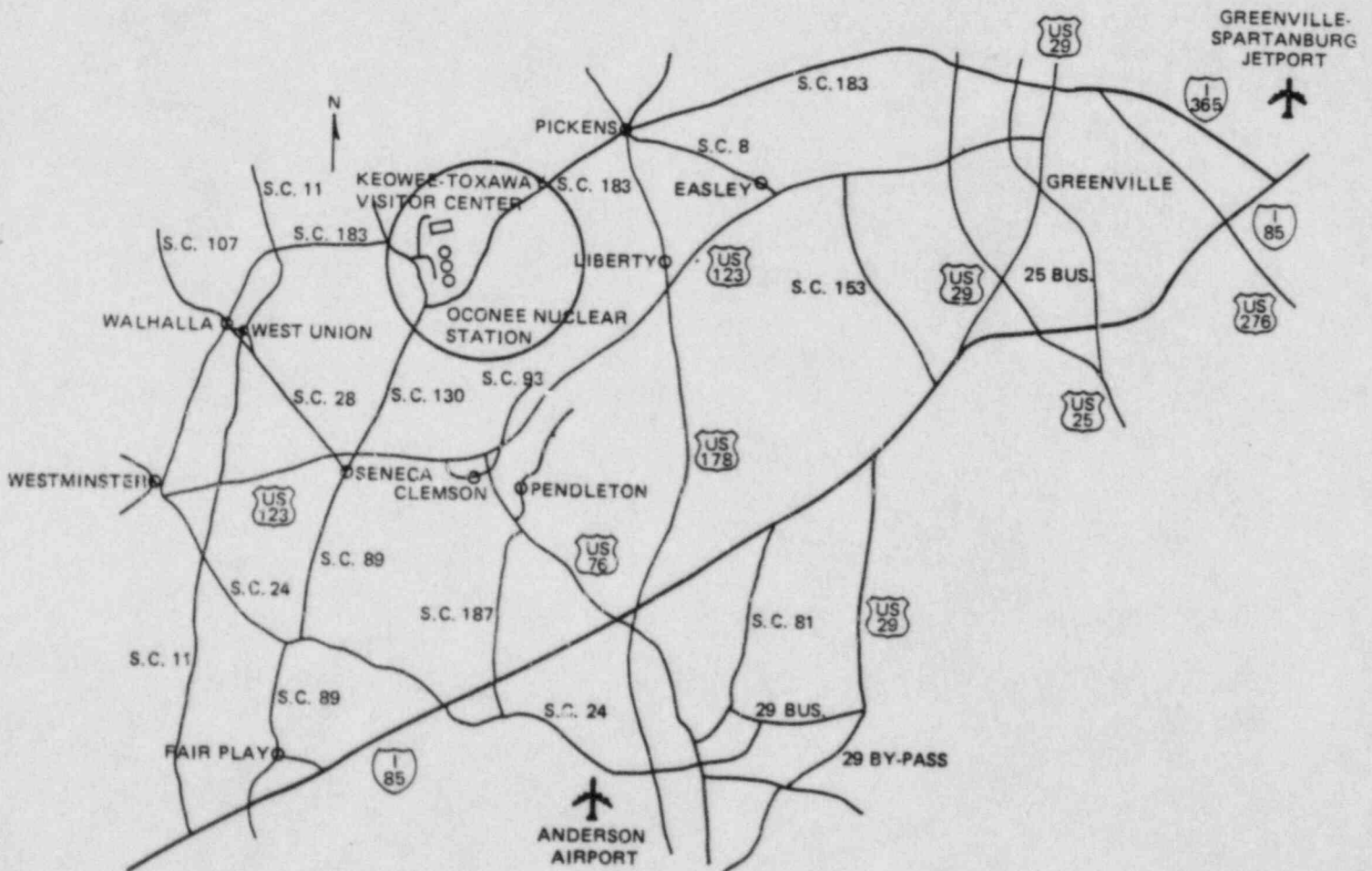
Appendix B-6



DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

APPENDIX B-6

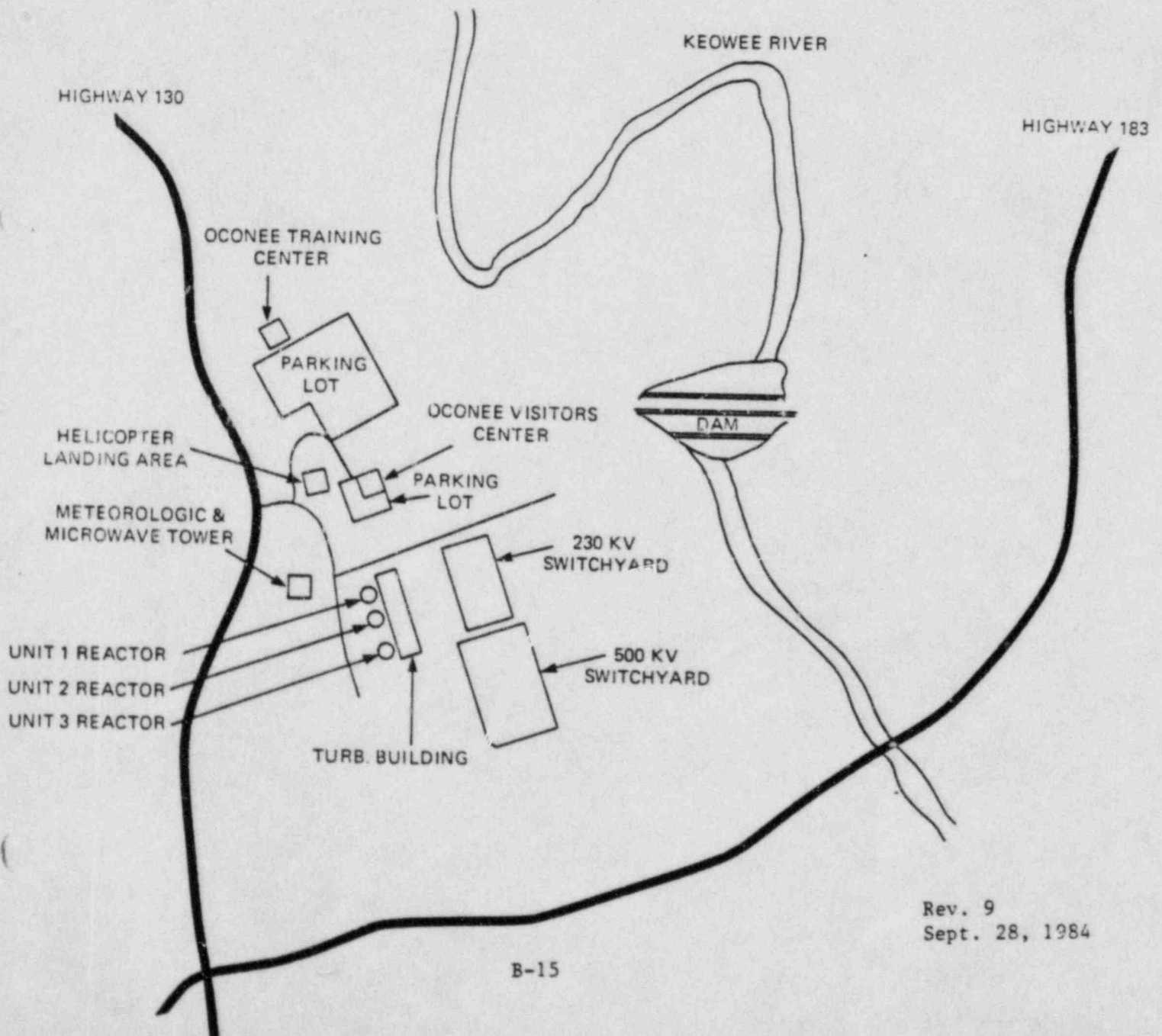
OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LOCATION



DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

Appendix B-6

OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LAYOUT

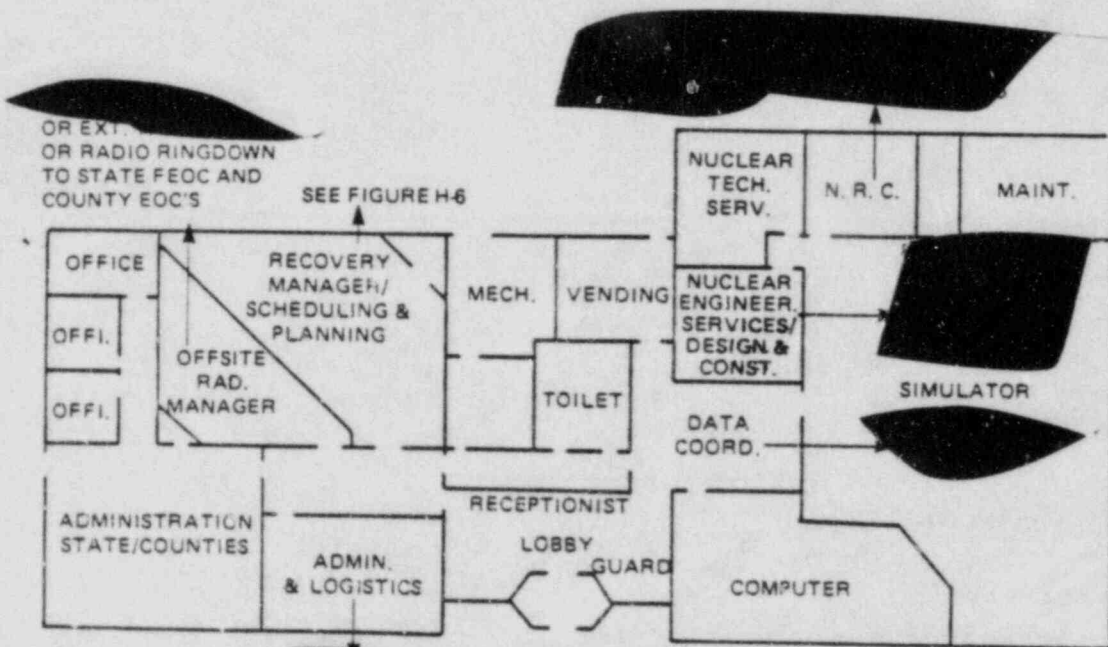


Rev. 9
Sept. 28, 1984

DUKE POWER COMPANY
 EMERGENCY RESPONSE FACILITIES
 OCONEE NUCLEAR STATION

APPENDIX B-6

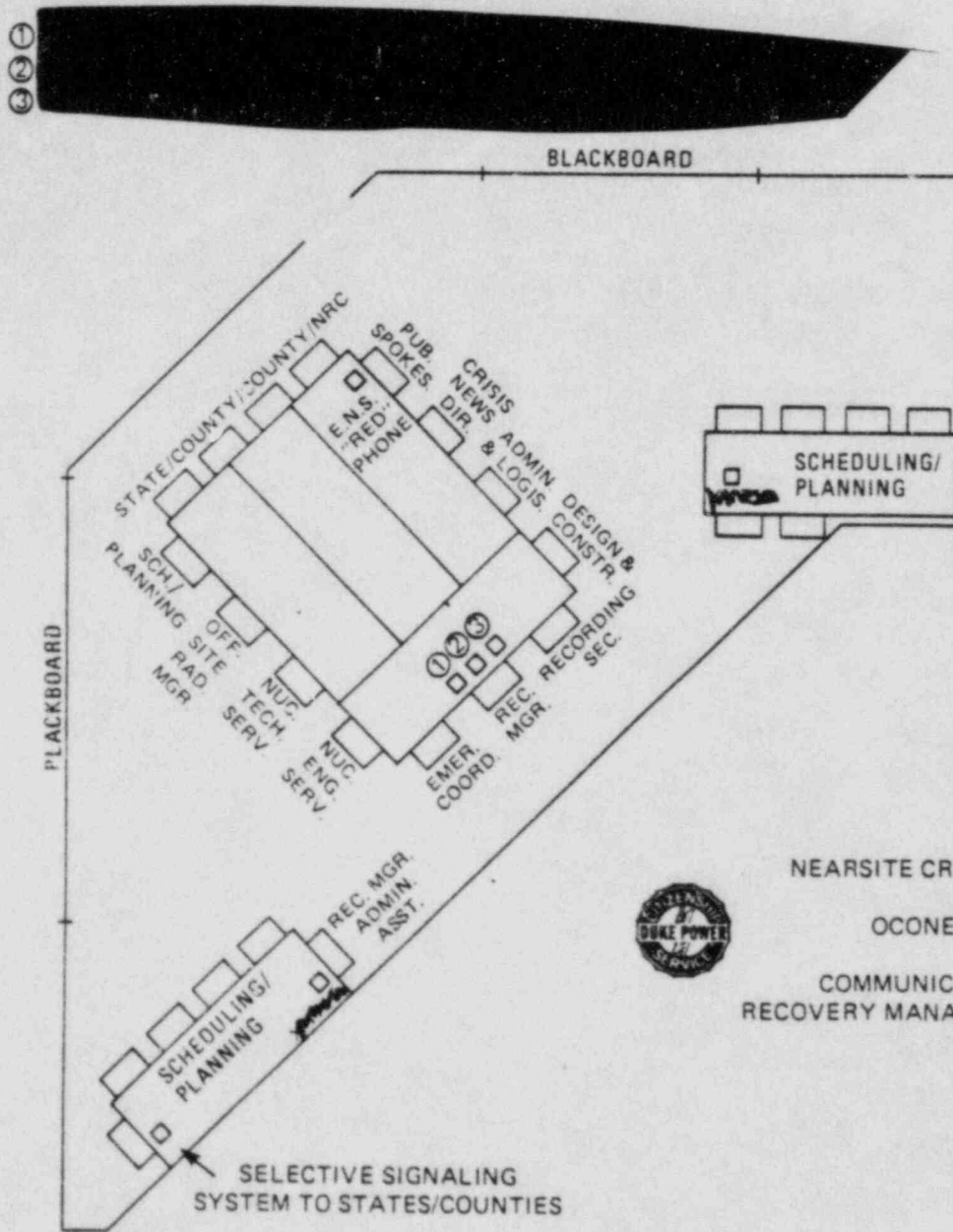
NEARSITE CRISIS MANAGEMENT CENTER
 OCONEE TRAINING CENTER
 COMMUNICATIONS LAYOUT



NOTE: EXTENSIONS ARE OFF OF

(AREA CODE

DUKE POWER COMPANY
 EMERGENCY RESPONSE FACILITIES
 OCONEE NUCLEAR STATION



APPENDIX B-6
 NEARSITE CRISIS MANAGEMENT CENTER
 OCONEE TRAINING CENTER
 COMMUNICATIONS & ROOM LAYOUT
 RECOVERY MANAGER/SCHEDULING & PLANNING

REVISION 10
 NOV 30, 1984

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

Appendix B-6

McGUIRE/CATAWBA CMC
GENERAL LOCATION



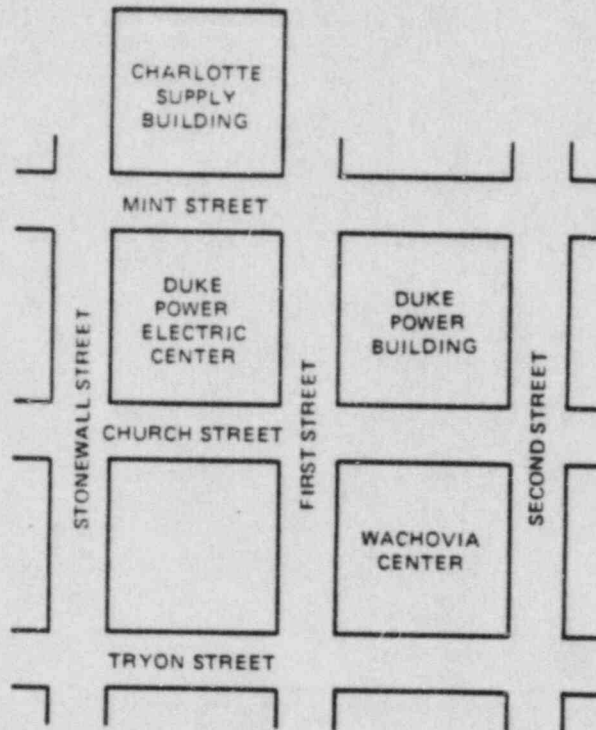
Rev. 9
Sept. 28, 1984

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Appendix B-6

McGUIRE/CATAWBA CMC

GENERAL OFFICE BUILDING LAYOUT - CHARLOTTE, N. C.



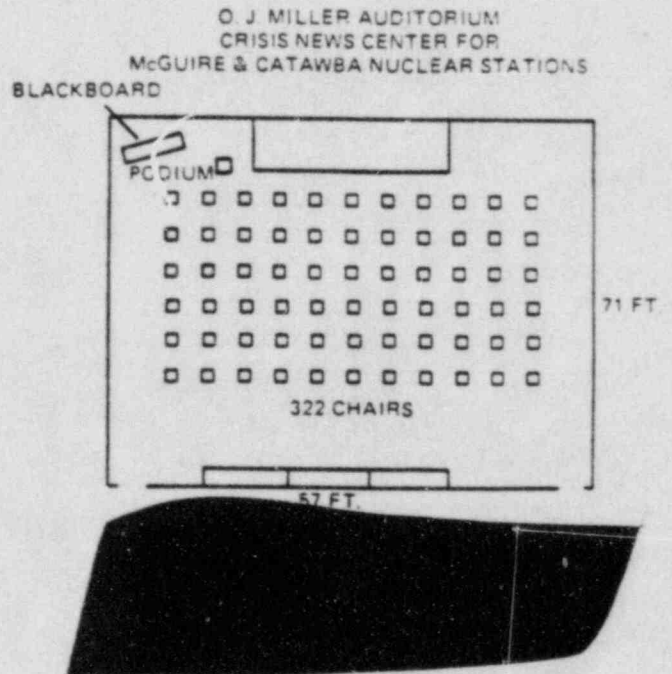
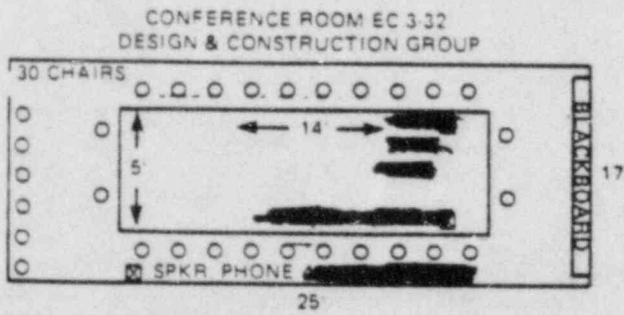
Rev. 9
Sept. 28, 1984

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Appendix B-6

McGUIRE/CATAWBA CMC

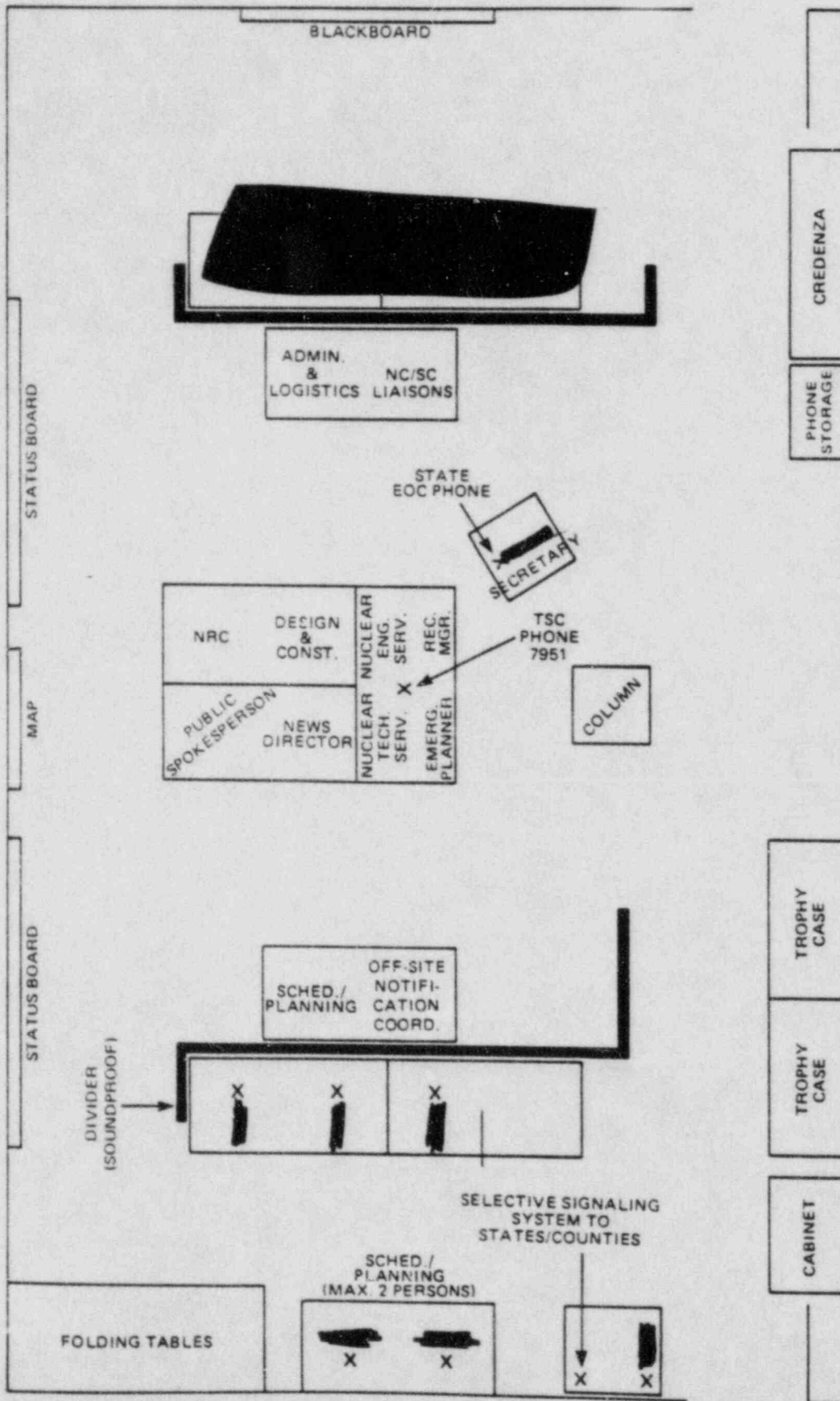
ELECTRIC CENTER ROOMS
DESIGNATED FOR EMERGENCY USE



Rev. 9
Sept. 28, 1984

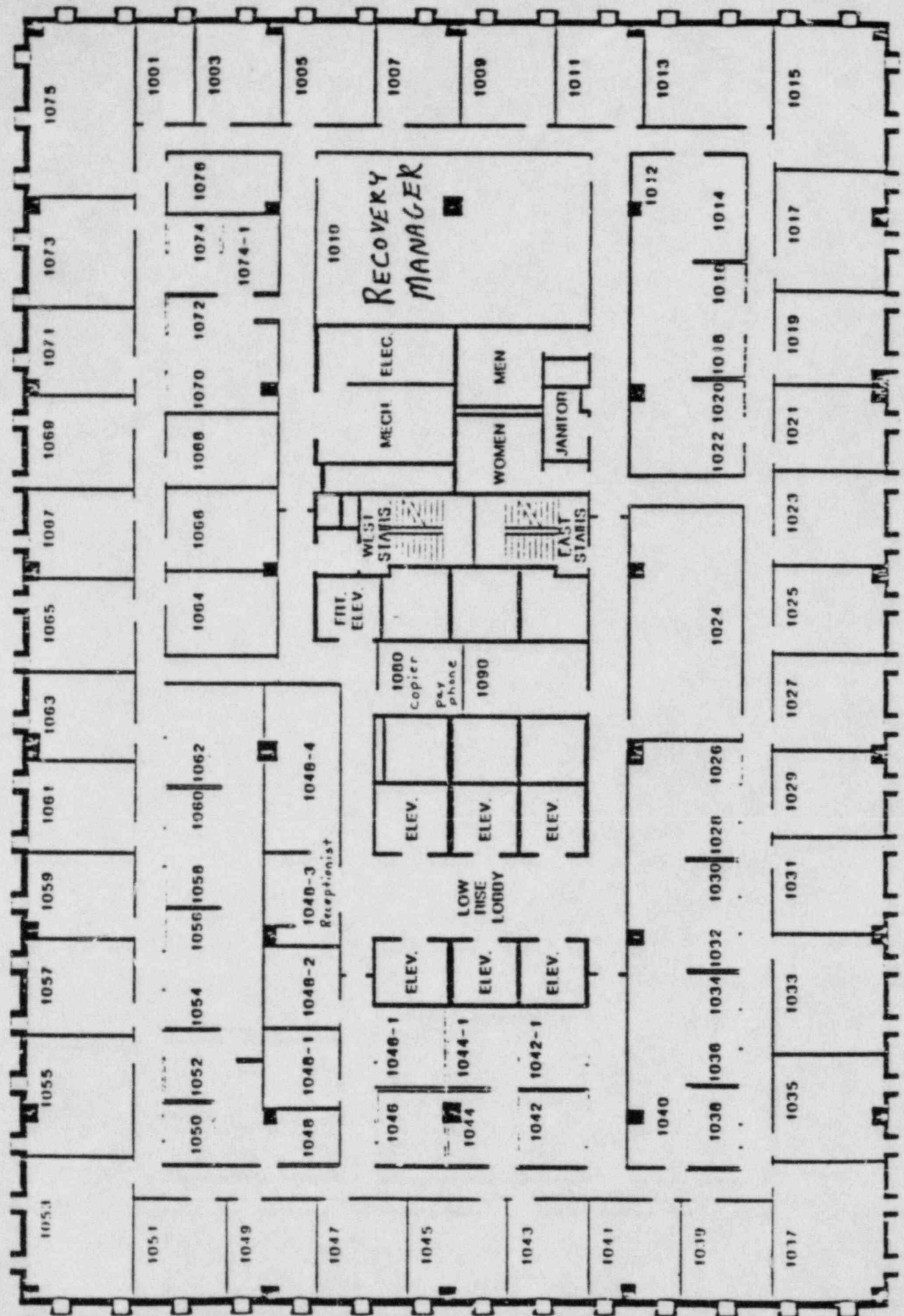
DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

RECOVERY MANAGER/SCHEDULING & PLANNING OFFICE
WACHOVIA CENTER - ROOM 1010
APPENDIX B-6



NOTE: MOVE SPEAKERPHONE EXT. 6265 INTO HALLWAY TO REDUCE NOISE DISTRACTIONS.

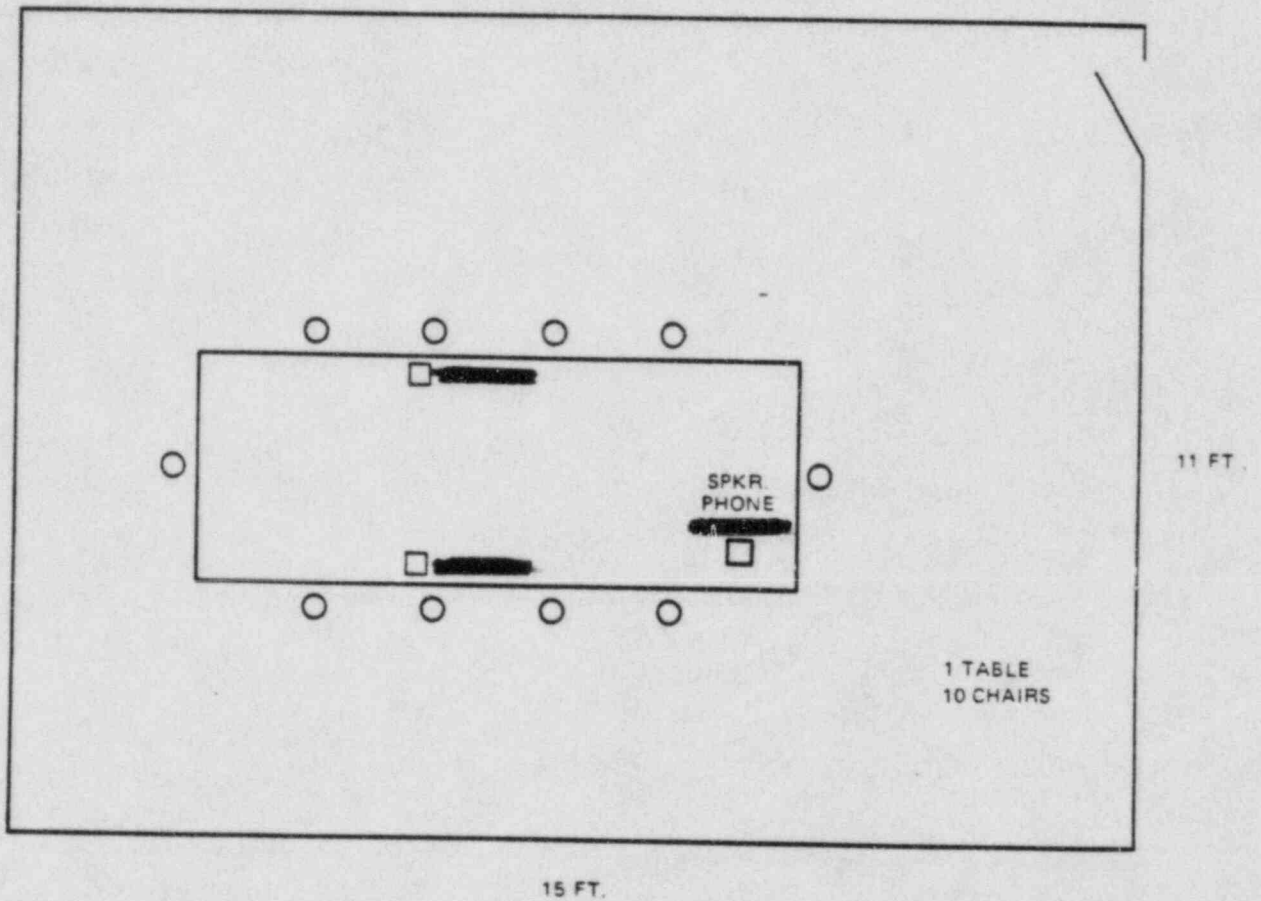
REVISION 10
NOV. 30, 1984



DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Appendix B-6

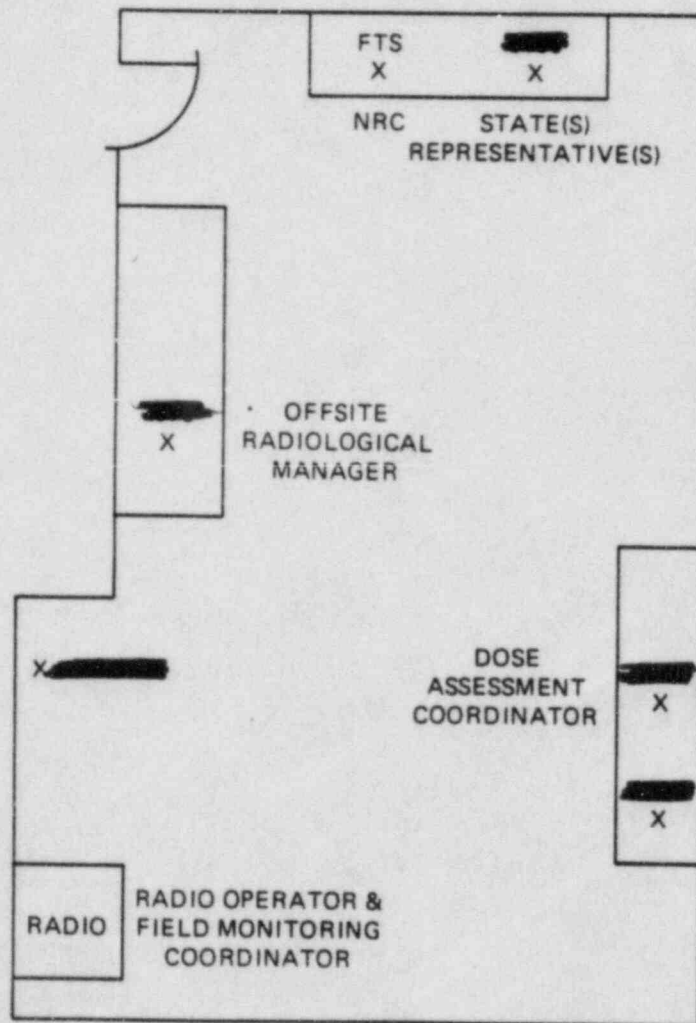
ADMINISTRATION & LOGISTICS OFFICE, ROOM 0925



Rev. 9
Sept. 28, 1984

APPENDIX B-6
McGUIRE/CATAWBA
CRISIS MANAGEMENT CENTER

OFFSITE RADIOLOGICAL SUPPORT GROUP
WACHOVIA CENTER - ROOM 1222

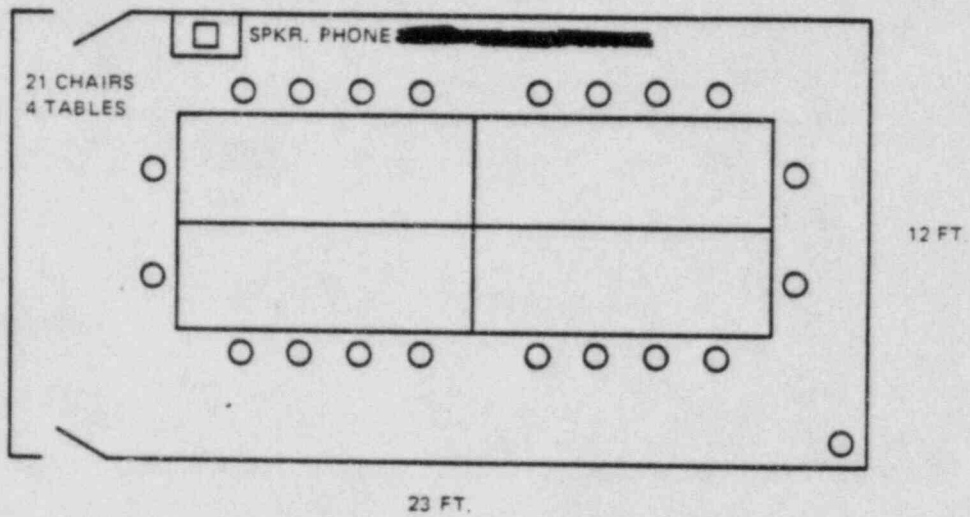


DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

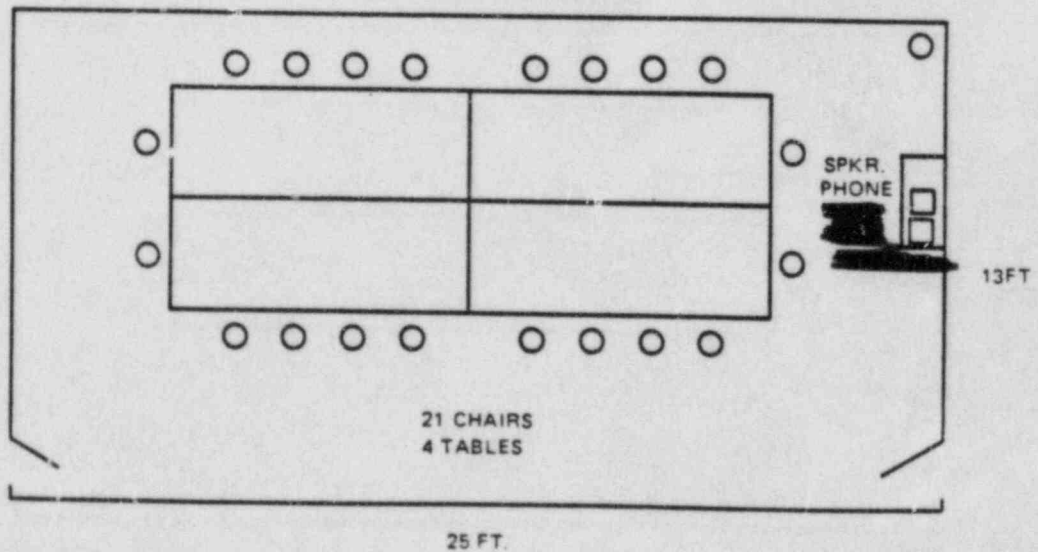
Appendix B-6

McGUIRE/CATAWBA CMC

NUCLEAR ENGINEERING SERVICES OFFICE
WACHOVIA CENTER, ROOM 1704



NUCLEAR TECHNICAL SERVICES SUPPORT
WACHOVIA CENTER, ROOM 2390



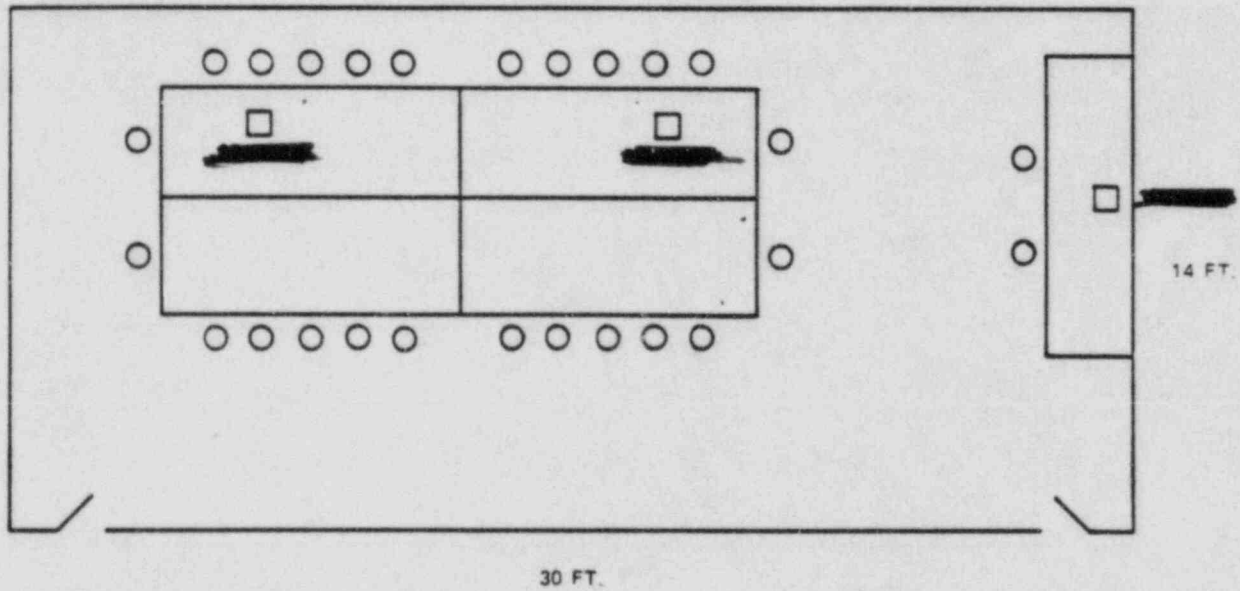
Rev. 9
Sept. 28, 1984

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

Appendix B-6

McGUIRE/CATAWBA CMC

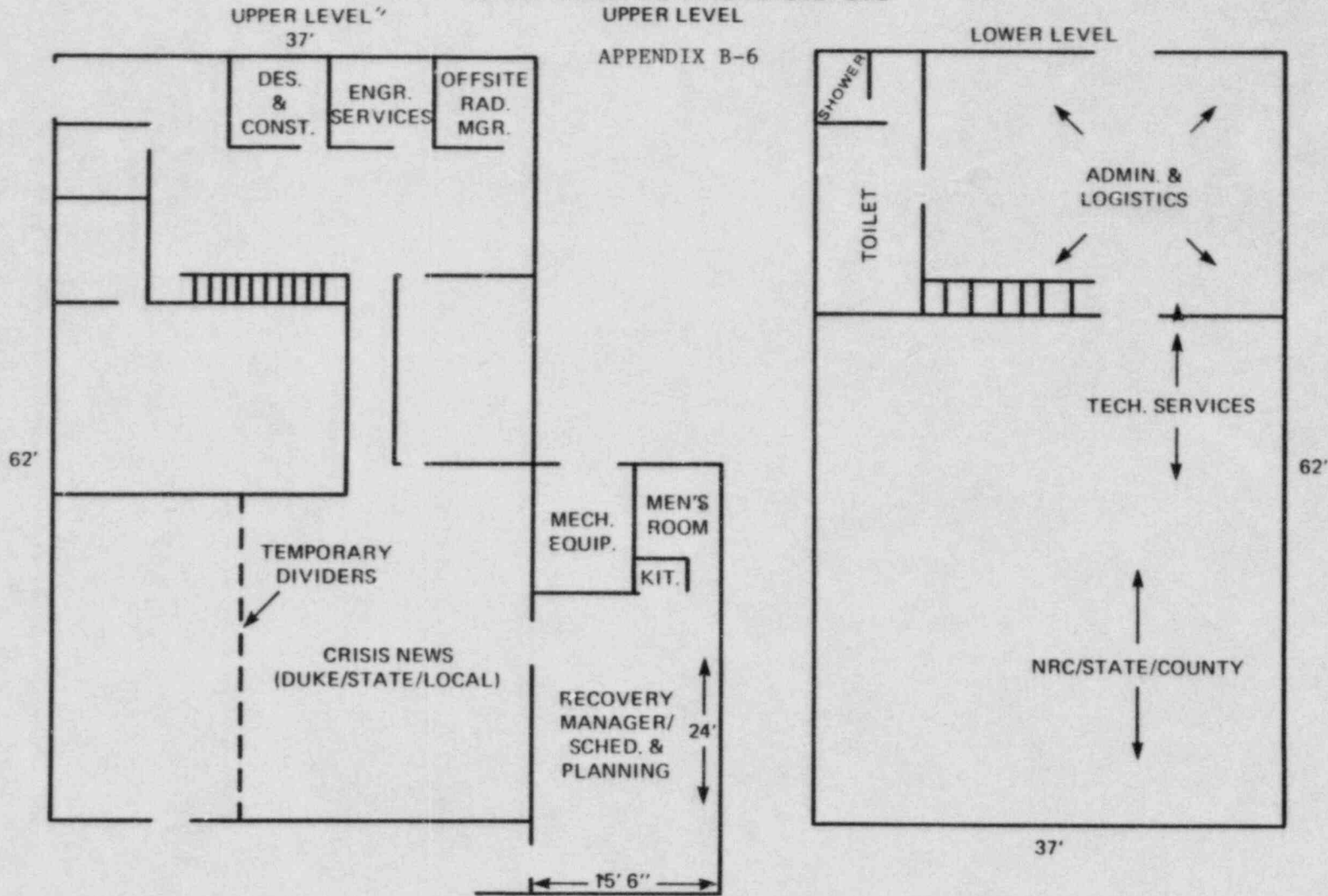
NRC - STATE(S) - COUNTIES - CONFERENCE ROOM
WACHOVIA CENTER, ROOM 1488



Rev. 9
Sept. 28, 1984

LIBERTY RETAIL OFFICE
LAYOUT

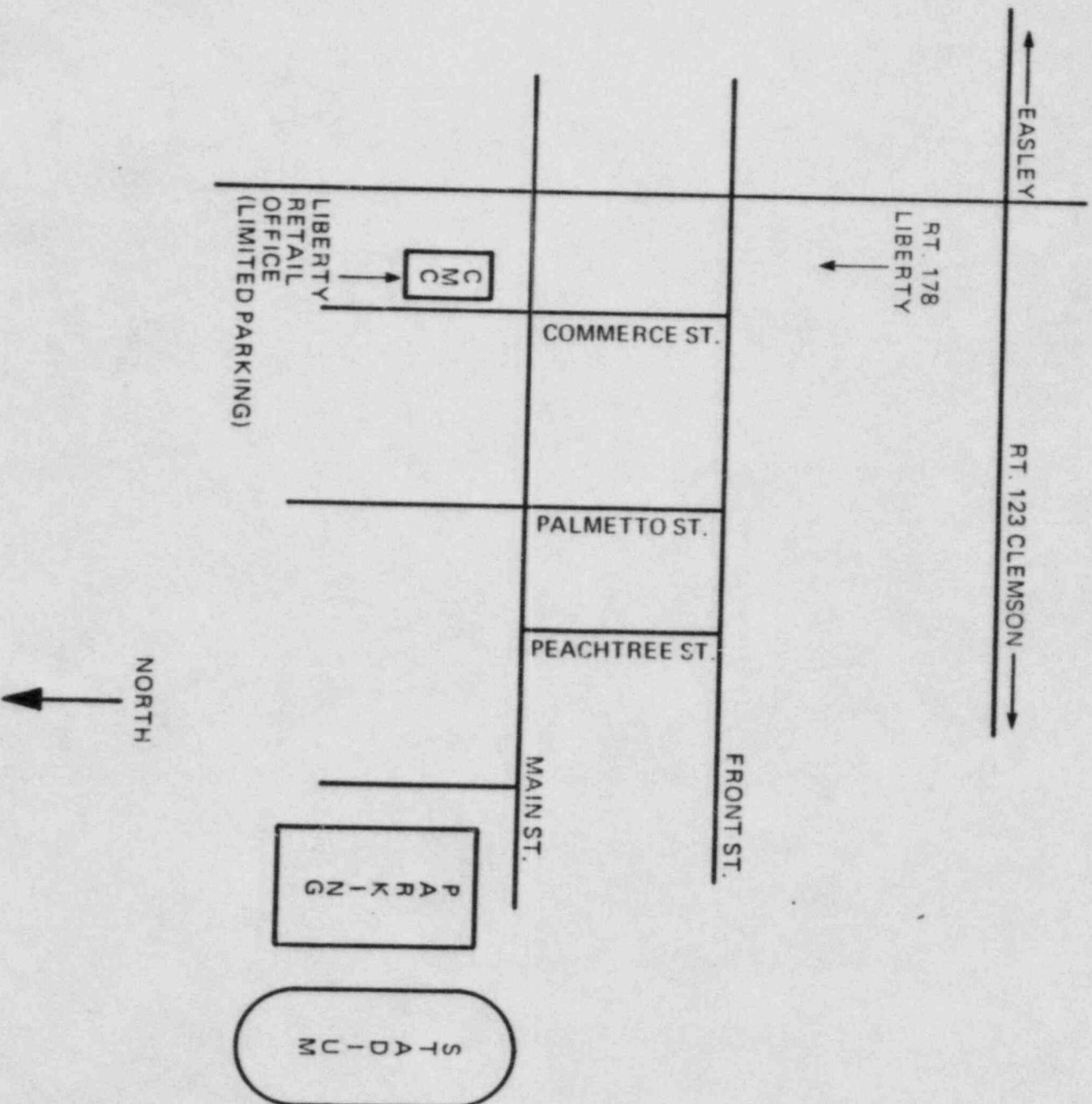
DUKE POWER COMPANY CRISIS MANAGEMENT PLAN
OCONEE NUCLEAR STATION BACKUP CMC



DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN

OCONEE NUCLEAR STATION BACKUP CMC LOCATION

Appendix B-6

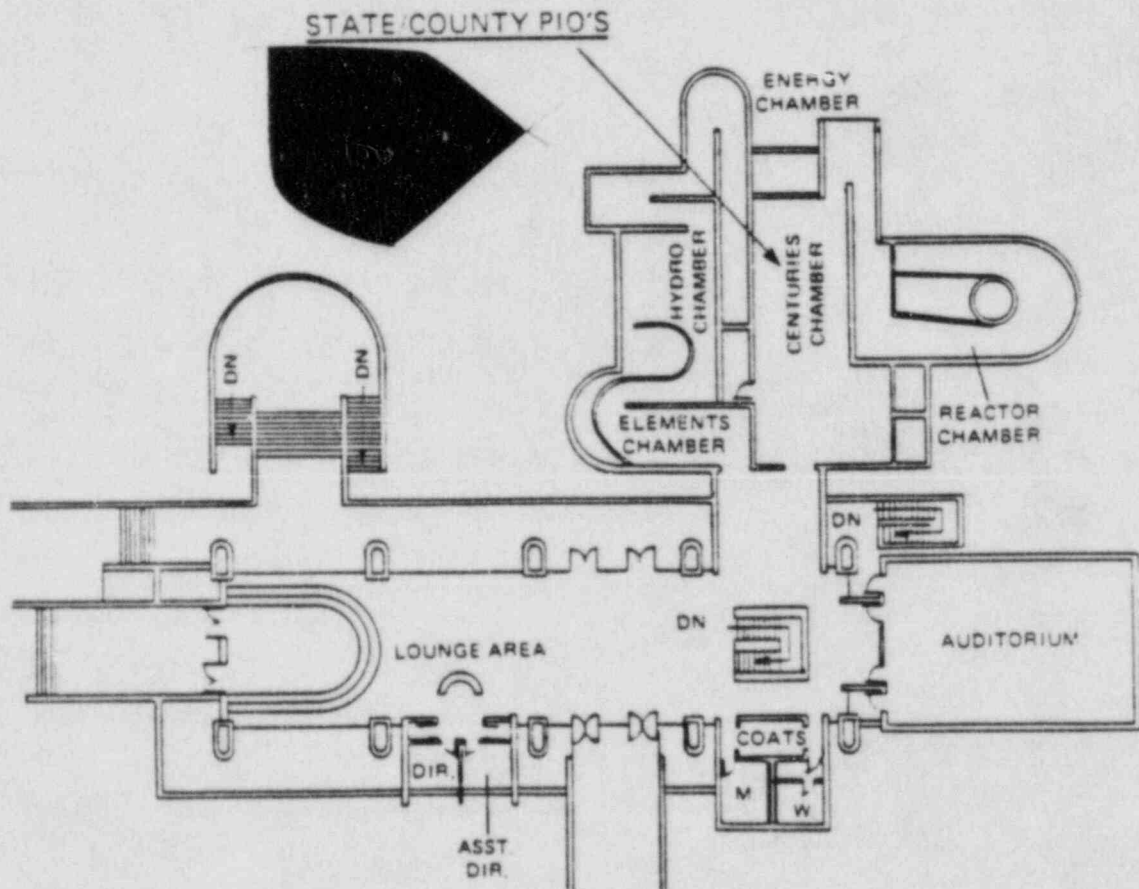


DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

Appendix B-6

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

* - 5 SENECA LINES IN SERVICE



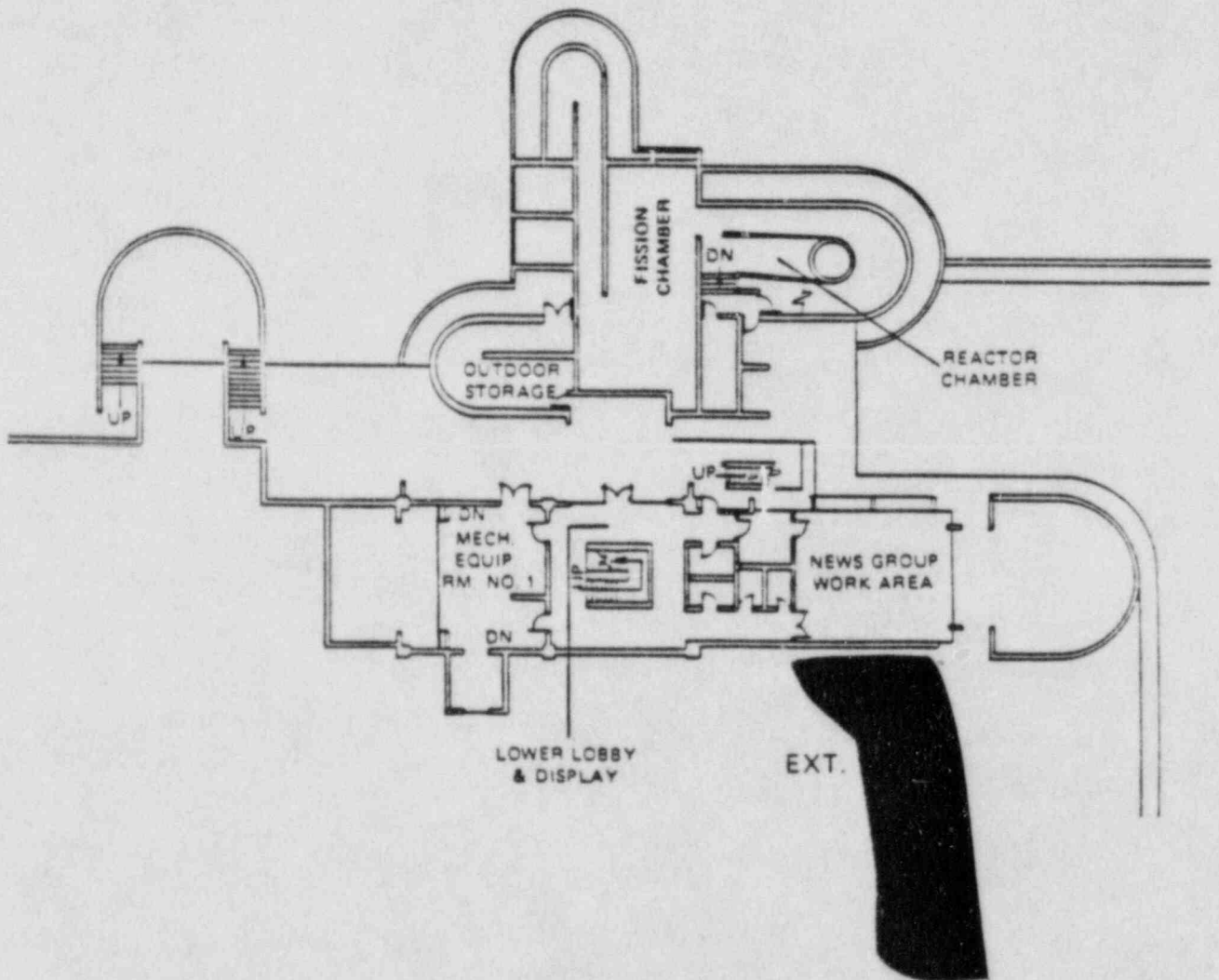
UPPER LEVEL FLOOR PLAN

Rev. 9
Sept. 28, 1984

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

Appendix B-6

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




APPENDIX B-7
PAGE 1

NAME HOME NUMBER ALTERNATE NO. WORK NUMBER EXT. ALT. EXT.

G. ACKER
D. ADKINS (NP)
P. AGERTON (PUR)
N. ALEXANDER (QA)
G. ALLEN (CS)
B. ALLRED (CT)
L. APPLGATE
R. BEARD (GO)
R. BUGERT (OTC)
N. CHAVERS (CMM)
D. COFER (GO)
G. COX (NP)
R. CROSS (NP)
L. CROUSE (SSD-S)
D. DOBBINS (CK)
E. FAULKNER (CT)
S. FRIDAY (PUR)
A. FURR (PUR)
B. HARBIN (CT)
J. HARDY
J. HART (SMS)
D. HOUSE (C INS)
T. HUNT (GO)
J. HUSKEY (CS)
R. JOHNSON (CT)
K. JONES (CT)
S. KESSELER (PUR)
K. LANIER (CS)
R. LAVENDER (CT)
L. LAWSON (C INS)
M. LENDERMAN (CT)
J. MCCLURE (CT)
C. MCCOY
L. MCPHERSON (PUR)
H. MILLER (CN)
J. MILLER (PUR)
E. MORTON (PUR)
D. MOSS (TELE)
J. PARKER (CT)
G. PATTERSON (PUR)
D. PHILLIPS (NP)
R. PRICE (PUR)
B. RANDLETT (NP)
A. RITTER (DE)
J. ROWELL (SSD-S)
D. SCEARCE (CMM)
K. SHANNON (NP)
K. SMITH



APPENDIX B-7
PAGE 2

<u>NAME</u>	<u>HOME NUMBER</u>	<u>ALTERNATE NO.</u>	<u>WORK NUMBER</u>	<u>EXT.</u>	<u>ALT. EXT.</u>
R. SMITH (PUR)					
M. SPILLARS (PUR)					
B. TAYLOR (SSD-N)					
E. TAYOR (GEN SVC)					
C. TOMPKINS (SSD-S)					
B. TURNER (SSD-S)					
B. WALKER (GS)					
B. WATSON (CT)					
G. WILSON (ALLEN)					

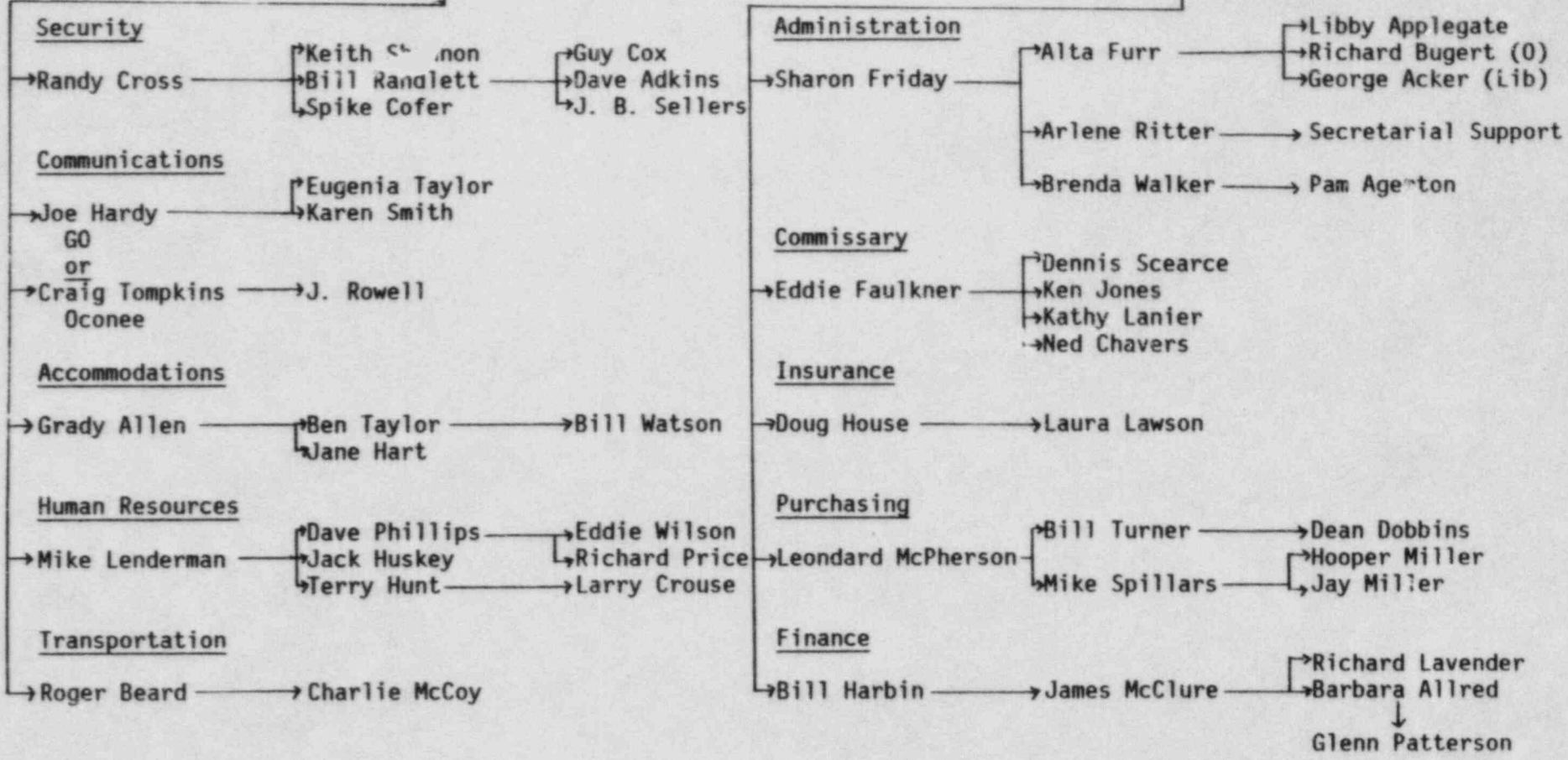
* Indicates long distance from Charlotte

Telephone Call-Up List

Bob Smith
|
Steve Kessler

Ray Johnson
|
Dan Moss

Ed Morton
|
Neil Alexander



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
Jane Hart

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 report to the off-site CMC. An assessment of supplies shall be made and a State of readiness (for Recovery effort) shall be maintained.

C.4.b. Upon notification of going into the Recovery effort, contact necessary group members to provide adequate support at the near-site CMC.

C.5 MAJOR FUNCTIONS - RECOVERY EFFORT

C.5.a. Registers incoming personnel.

C.5.b. Provides general employee training.

C.5.c. Provides hotel/motel accommodations

C.5.d. Assists with airline arrangements

C.6 EQUIPMENT REQUIRED DURING RECOVERY
McGUIRE, CATAWBA, OR OCONEE NUCLEAR STATION (SITE)

- 1-ID Camera
- 2-Typewriter

C.7 INTERFACING WITH PLANT SECURITY

Plant Security is responsible for people entering the project area. Plant Security will allow only people with crisis team identification cards to enter.

C.8 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.8.a REGISTRATION

- C.8.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 temporary identification cards issued if necessary.

- C.8.a.2 Permanent site personnel requiring access for normal scheduled work will be coordinated by the Plant Manager and Security.
- C.8.a.3 The Crisis News Director and staff will register and provide identification for the news media.

C.8.b TRAINING

During registration, each person will be given information concerning processing steps, parking information, meal schedule, etc., as applicable.

C.8.c IDENTIFICATION CARDS

Appendix C-2 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), temporary 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.

C.8.d FORMS

- Appendix C-5 Individual Register- To be used for general information, work location, and telephone number.
- Appendix C-6 Motel Space Availability- To be used for recording availability of rooms in the area when motels are contacted.
- Appendix C-7 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-8 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-9 Air Travel Request- To be used for requesting the Accommodations Group to provide airline arrangements.
- Appendix C-10 Air Travel Request Log- To be used in listing all airline arrangements made by the Accommodations Group.

C.9 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-11 (Oconee), C-12 (McGuire/Catawba), and C-13 (Catawba) list hotels/motels availability. |

C.10 AIRLINE RESERVATIONS

Appendix C-14 lists phone numbers of various airlines in the area. The Accommodations Group will provide assistance as requested in obtaining airline reservations.

C.11 AUDIT PROCEDURES

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

CRISIS MANAGEMENT CENTER
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

Duke Power

Green dot allows admittance to Crisis Management Center

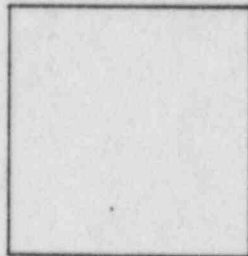
NAME	
DEPARTMENT/LOCATION	
SOC. SEC.	DATE HIRED
DATE ISSUED	DATE EXPIRES

EMPLOYEE SIGNATURE _____

CRISIS MANAGEMENT CENTER
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.

Background
in accordance
with
Corporate
Policy



EMPLOYEE SIGNATURE

Duke Power



Red dot
allows
admittance
to Crisis
Management
Center

NAME	
DEPARTMENT/LOCATION	
SOC. SEC. No.	DATE HIRED
DATE ISSUED	DATE EXPIRES

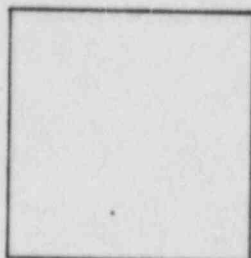
CRISIS MANAGEMENT CENTER

CRISIS MANAGEMENT CENTER
IDENTIFICATION CARD
TEMPORARY

Below is an example of the 'Temporary' Identification Card issued to individuals (except NRC or PIO 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



EMPLOYEE SIGNATURE

Duke Power



Green dot allows admittance to Crisis Management Center

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

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: _____

MOTEL VERIFICATION

NAME: _____
MOTEL: _____
ROOM NUMBER: _____

AUTHORIZED SIGNATURE

MOTEL VERIFICATION

NAME: _____
MOTEL: _____
ROOM NUMBER: _____

AUTHORIZED SIGNATURE

MOTEL VERIFICATION

NAME: _____
MOTEL: _____
ROOM NUMBER: _____

AUTHORIZED SIGNATURE

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 (803) 226-7236	52	15	25-30
**Carolina Terrace Motel 7000 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 Sharne 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 Motel 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		

	<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 U.S. Hwy 123 Clemson, 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 P.O. Box 1706 Hwys 76 & 123 Clemson, 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 P.O. Box 311 Hwy 123 North Clemson, 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 2159 Greenville Hwy Easley, 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 Easley, SC 29640 (803) 269-9830	11	11	11	*Best Western/Greenville Inn 2800 Laurens Road Greenville, SC 29607 (803) 288-3110	184	50	100

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 407 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 4500 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 755 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	15-5
*Comfort Inn I-85 & Hwy 25 Business Greenville, SC 29607 (803) 277-8630	98	50	75	*Holiday Inn No. 1 100 S. Pleasantburg Drive Greenville, SC 29607 (803) 233-4131	146		
*Cricket Inn 1465 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 N. 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		

OCCONEE

	<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) 822-3376	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/CATAWBA

	<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 Tuckaseegee 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/CATAWBA

	<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 I-85 & Freedom Dr Charlotte, NC 28266 (704) 392-7311	150	140	140

MCGUIRE/CATAWBA

	<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 Road 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/CATAWBA

	<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

MCGUIRE/CATAWBA

	<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 I-77 & Carowinds Blvd. Fort Mill, SC 29715 (803) 548-2400	211	20	50	*Mid Town Motor Inn 210 S. Chester St. (Hwy 321) Gastonia, NC 28052 (704) 864-9751	53	33	40

MCGUIRE/CATAWBA

	<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 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		

MCGUIRE/CATAWBA

	<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 1323 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/CATAWBA

TOTAL RMS 8-HRS 24-HRS

TOTAL RMS 8-HRS 24-HRS

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

13

CATAWBA

	<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 of Fort Mill- Carowinds I-77 & Carowinds Blvd. Fort Mill, SC 29715 (803) 548-2400	211	20	50	**Porter's Motel Hwy US 21 North Rock Hill, SC (803) 329-3100	35		
*Econo Lodge I-77 Exit 66B & Cherry Rd. Rock Hill, SC 29730 (803) 329-3232	64			*Ramada Inn I-77 & U.S. 21 North Rock Hill, SC (803) 329-1122	130		
*Holiday Inn of Rock Hill Mt. Gallant Rd. & US 21 Bypass Rock Hill, SC (803) 329-2100	201			**Red Coach Motor Inn 503 E. Main Street Rock Hill, SC (803) 329-3131	40		
*Howard Johnson's Motor Lodge I-77 & U.S. 21 North Rock Hill, SC (803) 329-3121	103						
**Pine Rest Motor Inn Bypass 21 & Business 21 North Rock Hill, SC (803) 366-7131	22						

CATAWBA

	<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) 392-5181	120	0-80	20-03
*Charlotte Marriott Executive Park 5700 Westpark Drive Charlotte, NC 28210 (704) 527-9650	300	20	35	*Days Inn - Sugar Creek 1408 W. Sugar Creek Road Charlotte, NC 28213 (704) 597-8110	151	30	100

CATAWBA

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Coliseum Inn 3016 E. Independence Blvd. Charlotte, NC 28205 (704) 377-1501	178	60	100	*Icono Lodge 2222 E. Independence Blvd. Charlotte, NC 28205 (704) 372-6250	60		
*Econo Lodge 1415 Tom Hunter Road Charlotte, NC 28213 (704) 597-0470	132			*Holiday Inn I-85 North 5301 N I-85 Charlotte, NC 28206 (704) 596-9390	100		
*Econo Lodge I-85 @ Little Rock Road Charlotte, NC 28203 (704) 394-0172	140			*Holiday Inn North 3815 North Tryon Street Charlotte, NC 28225 (704) 377-4441	432		
*Executive Inn 631 N. Tryon Street Charlotte, NC 28232 (704) 332-3121	200			*Hornes Motor Lodge P. O. Box 668101 I-85 & Freedom Dr. Charlotte, NC 28266 (704) 392-7311	150	140	140
*Holiday Inn - Coliseum 2701 E. Independence Blvd. Charlotte, NC 28205 (704) 377-6581	131			*Howard Johnson's Motor Lodge 3931 Statesville Ave Charlotte, NC 28206 (704) 377-1693	80	25	45

CATAWBA

	<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 - Woodlawn 212 Woodlawn Road Charlotte, NC 28210 (704) 525-8350	423	200	100	*Howard Johnston's 2400 Wilkinson Blvd. Charlotte, NC 28208 (704) 377-6961	114	35	50
*Holiday Inn I-85 Airport 2707 Little Rock Road Charlotte, NC 28214 (704) 394-4301	220	5	12	*Howard Johnson's Motor Lodge 118 E. Woodlawn Road Charlotte, NC 28210 (704) 525-6220	96		
**New Imperial Motel 1025 S. Tryon Street Charlotte, NC 28203 (704) 377-3611	40			*Ramada Inn - Downtown 600 S. Kings Drive Charlotte, NC 28204 (704) 377-6800	100		
*Nova Plaza Hotel 5321 E. Independence Blvd. Charlotte, NC 28212 (704) 535-8300	72			*Ramada Inn - South 515 Clanton Road Charlotte, NC 28210 (704) 527-3000	173		
*Oak Tree Inn - Airport 3101 I-85 @ Mulberry Rd. Charlotte, NC 28208 (704) 394-3381	119			*Ramada Inn - North 4330 I-85 North Charlotte, NC 28213 (704) 596-8020	100		

CATAWBA

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Quality Inn - Downtown 201 S. McDowell Street Charlotte, NC 28204 (704) 372-7550	197			*Red Roof Inn 3300 I-85 South Charlotte, NC 28208 (704) 525-2316	85		
*Radisson Plaza Two NCNB Plaza Charlotte, NC 28280 (704) 377-0400	372			*Registry Inn 321 W. Woodlawn Road Charlotte, NC 28210 (704) 525-4441	184		
*Ramada Inn - Coliseum 3501 E. Independence Blvd. Charlotte, NC 28205 (704) 537-1010	176	176	176	*Rodeway Inn - Airport 4040 S. I-85 & Little Rock Rd. Charlotte, NC 28208 (704) 394-4111	120		
*Rodeway Inn - Downtown 601 N. Tryon Street Charlotte, NC 28202 (704) 372-2300	144	30	50	*Honey's Inn 1400 E. Franklin Ave. Gastonia, NC 28052 (704) 864-8744	60		
*Sheraton Center 555 S. McDowell Street Charlotte, NC 28204 (704) 372-4100	309	35	115	*Howard Johnson's 1700 N. Chester Street Gastonia, NC 28052 (704) 864-9981	71	35	60

CATAWBA

	<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>		<u>TOTAL RMS</u>	<u>8-HRS</u>	<u>24-HRS</u>
*Tryon Lodge Motel 1022 S. Tryon Street Charlotte, NC 28203 (704) 377-4901	125			*Mid Town Motor Inn 210 S. Chester St. (Hwy. 321) Gastonia, NC 28052 (704) 864-9751	53	33	40
*Uptown Motor Inn 319 W. Trade Street Charlotte, NC 28202 (704) 376-9841	100			*Ramada Inn Rt. 6, Box 62 I-85 & Route 274 Gastonia, NC 28052 (704) 867-1821	114	57	80-85
*Best Western/Carolina Inn 800 W. Franklin Avenue Gastonia, NC 28052 (704) 865-3421	96	20	45	**Carolina Motel 202 North 321 Bypass Lincolnton, NC 28092 (704) 735-8021	37	15-25	30
*Days Inn of America I-85 at Edgewood Box 388 Gastonia, NC 28052 (704) 867-0231	122			*Town & Country Motel 614 Clark Dr. Hwy 150/ 321 Bypass Lincolnton, NC 28092 (704) 735-8271	62		

AIPLINES

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) 376-0235 (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

<u>Oconee</u>	McGuire & Catawba
Craig Tompkins	<u>G.O.</u>
	Joe Hardy

D.2.b ALTERNATES

<u>Oconee</u>	McGuire & Catawba
Jeff Rowell	<u>G.O.</u>
	Eugenia Taylor
	Karen Smith

D.4 ADDITIONAL PERSONNEL REQUIRED

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

D.5 ARRIVAL AT CMC

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

D.6 COMMUNICATION SYSTEMS

D.6.a. Oconee Nuclear Station

D.6.a.1. Telephone System:

The telephone system to be utilized is detailed in Implementing Procedure CMIP-9. Provisions are made for installing phones at the mess tent, trailer city, NRC use, and special off-site 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 CMIP-9. 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 CMIP-10. It consists of independent lines for use by press personnel and provisions are made for phones for NRC use and special off-site agency coordination use.

D.6.b.2. Radio Communications

The emergency radio base station in WC-1222 will be placed in operation upon arrival. This system is detailed in Implementing Procedure CMIP-10. 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 MNS/CNS CMC are stored with the phone equipment at each site. The portable radios will be brought with the director or his designee.

D.8 TELEPHONE DIRECTORIES

C.8.a. OCONEE NUCLEAR STATION

The Oconee telephone directory is shown in Implementing Procedure CMIP-9. Information for revisions to the telephone directory will be given to the Emergency Response Coordinator for typing and distribution, on a quarterly basis.

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

The McGuire and Catawba telephone directory is shown in Implementing Procedure CMIP-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 AUDIT PROCEDURES

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

E.0 PURCHASING DIRECTOR

E.1 PURPOSE

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

E.2 MAJOR FUNCTIONS

- E.2.a Issues requisitions
- E.2.b Negotiates contracts
- E.2.c Issues purchase orders
- E.2.d Expedites hardware and software
- E.2.e Coordinates receipt of material
- E.2.f Coordinates distribution of material

E.3 MEMBERS OF GROUP

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

E.3.a PRIMARY (DIRECTOR)

Leonard McPherson

E.3.b ALTERNATES

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, controlling paperwork, etc.

E.5 FIELD PURCHASING CONTACTS

Field Purchasing Contacts have been established at all Nuclear Plant and SSD locations. These individuals would be called on to assist in the ordering and receiving of materials at their normal work location in the event of activation of the Crisis Management Center. See Appendix E-3.

E.6 ARRIVAL AT CMC

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

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

E.7 INTERFACE WITH OTHER GROUPS

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

E.8 CRISIS STAGE TO RECOVERY STAGE

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

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

E.9 PROCEDURES

E.9.a REQUISITIONING EQUIPMENT

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

E.9.b EXPEDITING

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

E.9.c RECEIVING

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

E.10 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.11 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.12 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.13 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
<p>Arkansas Power and Light P. O. Box 551 Little Rock, Ark. 72203 Ph. [REDACTED]</p>	<p>Nuclear Unit 1 - 836 MW, Russellville, Ark. Ph. [REDACTED] Plant Manager: J. O'Hanlon Mgr. Oper. & Maintenance: Finley Foster</p>	<p>B&W</p>
<p>Commonwealth Edison Company P. O. Box 767 Chicago, Ill. 60690 Ph. [REDACTED]</p>	<p>Zion 1 - 1100 MW Zion 2 - 1100 MW Zion, Illinois Plant Superintendent: K. L. Graesser Status: Operational</p>	<p>Westinghouse</p>
<p>Consumers Power Company 212 W. Michigan Avenue Jackson, Michigan 49201 Ph. [REDACTED]</p>	<p>Byron 1 - 1120 MW Byron 2 - 1120 MW Byron, Illinois Ph. [REDACTED] Station Superintendent: R. E. Querio Status: Active Construction</p>	<p>Westinghouse</p>
<p>Florida Power Corporation P. O. Box 14042 St. Petersburg, Fla. 33733 Ph. [REDACTED]</p>	<p>Braidwood 1 - 1120 MW Braidwood 2 - 1120 MW Braidwood, Illinois Ph. [REDACTED] Superintendent: J. F. Gudac Status: Active Construction</p>	<p>Westinghouse</p>
<p>Georgia Power 333 Piedmont Avenue Atlanta, Ga. 30308 Ph. [REDACTED]</p>	<p>Midland 1 - 530 MW Midland 2 - 805 MW Midland, Michigan Ph. [REDACTED] Site Manager: Don Miller</p>	<p>B&W</p>
<p>Georgia Power 333 Piedmont Avenue Atlanta, Ga. 30308 Ph. [REDACTED]</p>	<p>Crystal River 3 - 825 MW Red Level, Florida Ph. [REDACTED] or Plant Manager: Theodore C. Lutkehaus</p>	<p>B&W</p>
<p>J. L. Maulden - President W. Cavanaugh, III - V. P. Generation & Construction J. D. Cook - Manager Purchasing & Stores J. J. O'Conner - President P. B. Kavanagh - V. P. Purchasing D. P. Galle - Div. Mgr. Nuclear Sta.</p>	<p>Vogtle 1 - 1100 MW Vogtle 2 - 1100 MW Waynesboro, Georgia Ph. [REDACTED] Project Manager: H. H. Gregory, III Status: Active Construction</p>	<p>Westinghouse</p>
<p>J. D. Selby - President A. H. Hines, Jr. - President L. H. Scott - Sr. V. P. Operations J. W. Maloney - Director Purchasing & Stores J. H. Miller - President R. W. Scherer - COB, CEO J. R. Allen - Manager Materials</p>		

Contacts and Titles

Don D. Szaara - President, Chief Operating Officer
D. D. Jordan - Chairman BBO, CEO
A. R. Beavers - V. P. Purchasing

W. A. Black - President
R. H. Middleton - Director purchasing & Stores

Wilson Catlin - President
R. T. Ivy - Purchasing Agent
Bob Hagen - Manager Nuclear Services

Floyd J. Smith - President
H. L. Robidoux - V. P. T&O Engr. & Oper.
William P. Gehlen - Director Material Management

W. B. Ellis - President
R. O. Smith - V. P. Purchasing
W. G. Counsil - Sr. V. P. Nuc. Engr. & Oper.

B. W. Shackelford - President
R. P. Benton - Materials Manager

W. J. Lindblad - President
Les E. Hodel - V. P. Engr. & Constr.

Houston Lighting & Power
P. O. Box 1700
Houston, Texas 77001
Ph. [REDACTED]

Indiana and Michigan Electric Co.
1 Summit Square
P. O. Box 60
Fort Wayne, Ind. 46801
Ph. [REDACTED]

Kansas Gas and Electric
201 North Market Street
Wichita, Kansas 67202
Ph. [REDACTED]

Metropolitan Edison
P. O. Box 542
Reading, PA 19640
Ph. [REDACTED]

Northeast Utilities
107 Selden Street
Berlin, Connecticut 06037
Ph. [REDACTED]

Pacific Gas & Electric Co.
77 Beale Street
San Francisco, CA 94106
Ph. [REDACTED]

Portland General Electric Co.
121 S. W. Salmon St.
Portland, Oregon 97204
Ph. [REDACTED]

Nuclear Plants

South Texas Project 1 - 1250 MW
South Texas Project 2 - 1250 MW
Palacios, Texas
Ph. [REDACTED]
Asst. Superintendent: Warren Kinsey
Status: Active Construction
Manager: D. G. Barker

Donald C. Cook 1 - 1050 MW
Donald C. Cook 2 - 1100 MW
Bridgeman, MI
Ph. [REDACTED]
Plant Manager - D. V. Shaller
Status: Operating Plant

Wolf Creek - 1150 MW
Burlington, Kansas
Ph. [REDACTED]
Construction Manager: Gary Fouts
Status: Active Construction

Three Mile Island 1 - 792 MW
Three Mile Island 2 - 880 MW
Middletown, PA
Ph. [REDACTED]
Station Superintendent: G. P. Miller

Millstone 3 - 1150 MW
Waterford, Connecticut
Ph. [REDACTED]
Project Mgr.: Steve Toth, Ext. 526
Status: Active Construction

Diablo Canyon 1 - 1060 MW
Diablo Canyon 2 - 1060 MW
Diablo Canyon, CA

Trojan - 1130 MW
Rainier, Oregon
Ph. [REDACTED]
Plant Superintendent: Paul Yundt
Status: Operating Plant

Reactor Supplier

Westinghouse

Westinghouse

Westinghouse

B&W

Westinghouse

Westinghouse

Westinghouse

	<u>Contacts and Titles</u>	<u>Nuclear Plants</u>	<u>Reactor Supplier</u>
Public Service Co. of Indiana, Inc. 1000 East Main Street Plainfield, Indiana 46168 Ph. [REDACTED]	D. Menscer - President Gary Jansen - Exec. Dir. Purchasing	Marble Hill 1 - 1130 MW Marble Hill 2 - 1130 MW Madison, Indiana Ph. [REDACTED] 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. [REDACTED]	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. [REDACTED] Station Superintendent: Don E. Moody Status: Active Construction	Westinghouse
Public Service Electric & Gas Co. 80 Park Plaza Newark, NJ 07101 Ph. [REDACTED] 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. [REDACTED]	W. C. Walbridge - General Mgr. W. K. Latham - Asst. General Manager Operations	Rancho Seco - 913 MW Clay Station, California Ph. [REDACTED] 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. [REDACTED]	C. H. Dean, Jr. - Chairman of Board J. L. Williams, Jr. - Director Purchasing Ph. [REDACTED] Chattanooga, TN	Sequoyah 2 - 1148 MW Sequoyah 2 - 1148 MW Daisy, Tenn. Ph. [REDACTED] Plant Superintendent: A. E. McWhorter	Westinghouse
		Watts Bar 1 - 1177 MW Watts Bar 2 - 1177 MW Spring City, Tenn. Ph. [REDACTED] 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. [REDACTED]	Perry G. Brittain - President Carroll Graves - Manager Purchasing Ph. [REDACTED]	Comanche Peak 1 - 1150 MW Comanche Peak 2 - 1150 MW Glen Rose, Texas Ph. [REDACTED] Mgr. Nuclear Operations: James C. Kuykendall Status: Active Construction	Westinghouse
Toledo Edison 300 Madison Avenue Toledo, Ohio 43652 Ph. [REDACTED]	W. A. Johnson - President	Davis-Besse 1 - 906 MW Davis-Besse 2 - 906 MW Davis-Besse 3 - 906 MW Oak Harbor, Ohio Ph. [REDACTED] Plant Superintendent: T. D. Murray	B&W
Union Electric Company 1901 Gratiot Street St. Louis, Missouri 63103 Ph. [REDACTED]	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. [REDACTED] (Union Elec.) Plant Superintendent: S. E. Milltenberger Status: Active Construction	Westinghouse
Virginia Electric and Power Co. One James River Plaza Richmond, Virginia 23261 Ph. [REDACTED]	W. W. Berry - President I. B. McNeil - Mgr. Purchasing	North Anna 3 - 938 MW North Anna 4 - 938 MW Mineral, Virginia Ph. [REDACTED] Station Mgr.: W. R. Cartwright	B&W

CRISIS MANAGEMENT CENTER
PURCHASING DEPARTMENT
G.O. TEAMS

Team A

Phillips -
Langford -
Lail -
Moore -

Hollis -
Bowers -

Applegate -
Hill -

Back-Up

Springer -
Vaughn -
Bone -
Lindley -
Williams -

Team B

Guthrie -
Carter -
S. Smith -
Armstrong -

Sawyer -
Laney -

Poutier -
Ertel -

Hall -
Livingston -
Newton -
Helms -
Allen -

Team C

Stephenson -
Ballard -
Black -
Williams -

McCarty -
Durell -

Mitchell -
McCreary -

Faile -
Roseman -
Shook -
Bell -

12 hour shifts. (24 hours off)

CRISIS MANAGEMENT TEAM
PURCHASING DEPARTMENT
FIELD PURCHASING CONTACTS

INDIVIDUAL	LOCATION	WORK PHONE	HOME PHONE
Bob Dickson	Catawba Nuc. Sta.		
Annie Hedden	Oconee Nuc. Sta.		
Jim Groner	McGuire Nuc. Sta.		
J. K. Leitch	SSD North		
Ernie Cannon	SSD South		

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
Barbara Allred
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, 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's 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.

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
Ned Chavers

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.

Anytimes Restaurant
Tom Edison - 866-7140 - business
24 hour no.)
Home
William Stroud - 866-7140 - business
(24 hour no.)
Sandwiches, drinks, etc. for up to 200
within 2 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 Sumling
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 Trevathon -

Clemson National Guard
803-654-5965 (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 Park?awn 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 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
Chuck 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 Recovery

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

I. Notify Food Vendors

- A. Oconee Nuclear Station (See Commissary Section G.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.c)

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: _____

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, medical 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
G. E. Wilson
R. A. Price
T. Larry Crouse
Jack Huskey

H.4 TECHNICAL AND CRAFT PERSONNEL

Listed below are contacts at Catawba, McGuire, SSD South, SSD North, and System Maintenance Support:

Catawba

Mike Couch
Ralph Morrison

SSD South

D. L. Freeze
Terry Chappell

SSD North

Ray Hollins
Ben Taylor

System Maintenance
Support

R. Fred Gray

Harvey Lyerly

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

H.7.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: Sonny Helton
Utility: Ed Lecroy

H.8 OTHER UTILITY COMPANIES

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

H.9 HELIPORT

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

H. 10 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 Center is in place and functioning, the Human Resources Group will be staffed as required to provide 24 hour coverage. Normally this will consist of two 12 hour shifts with at least one primary/alternate per shift. Personnel changes will be made after a four day tour of duty (i.e. 48 hours per 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 Center 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 Furnishes vehicles and operators for personnel and equipment movement.

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

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

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

I.3 MEMBERS OF GROUP

I.3.a PRIMARY (DIRECTOR)

Roger Beard

I.3.b ALTERNATES

Charlie McCoy

I.4 ADDITIONAL PERSONNEL REQUIRED

Drivers and major equipment operators have been identified in the following sections. Additional personnel will be required to handle functions such as shuttle service, garbage pickup, 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 personnel establishment and transport equipment assessment.

Equipment presently harbored at the General Office, 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. Ronlad Matheson, Transmission Substation Division Construction, Office [REDACTED], Home [REDACTED] 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, General Office and between places of lodging and airport facilities to plant facilities.

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

I.7 OUTSIDE CARRIERS AND PERSONNEL

As the recovery effort is underway, the need for specialized carriers may become evident. Appendix I-2 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-3. In addition to the commercial carriers, Appendix I-4 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

Marion Wilson
Home - [REDACTED]

<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 - [REDACTED]

Ken Harvell
Rt. 2, Box 911
Clover, S.C. 29710
Home - [REDACTED]

Jimmy Honeycutt
105 Ida Street
Belmont, NC 28012
Home - [REDACTED]

Paul L. Harvey, Gaffney, SC
Home - [REDACTED]
Other - [REDACTED]

Carpenter W. A. Knowles, Jr., Mt. Holly, NC
Home - [REDACTED]

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
Charlotte, NC

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.
Larry Dulin - V.P.
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

Furniture Movers (cont'd)

Charlotte Van & Storage Co., Inc.
North American Van Lines
Roy Peterson, Sales Mgr.
Charlotte, NC

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>	
	Spartanburg	Greenville
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

J. M. Felton, Director
Division of Rules and Records
Office of Administration

CONC-DL, LLR, JMF, HSmith, ECShomaker
DIST-usual, HSmith

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	(800) 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 - [REDACTED]
Dir. of Flight Operations: Frank Thompson
Home - [REDACTED]

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 INSURANCE DIRECTOR

J.1 PURPOSE

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

J.2 MAJOR FUNCTIONS

J.2.a Provides contact with insurance companies

J.2.b Assists insurance companies in data gathering

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

J.3 MEMBERS OF GROUP

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

J.3.a PRIMARY (DIRECTOR)

Doug House

J.3.b ALTERNATES

Laura Lawson

J.4 IMMEDIATE CONTACT WITH INSURANCE COMPANIES

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

J.5 INTERFACING WITH OTHER GROUPS

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

J.6 CLAIMS OFFICE

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

J.7 AUDIT PROCEDURES

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

Appendix J-1

INSURANCE COMPANIES

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

Nuclear Mutual Limited
P. O. Box HM 2083
Hamilton, Bermuda
809/295-5447
809/294-2230 (Night)
Telex: 3674

Nuclear Electric Insurance Limited
P. O. Box HM 2083
Hamilton, Bermuda
809/295-5447
809/294-2230
Telex: 3423

K.0 SECURITY DIRECTOR

K.1 PURPOSE

To provide security support for Crisis Management activities.

K.2 MAJOR FUNCTIONS

K.2.a Coordinates the activation, establishment and supervision of security checkpoints and security monitors at the General Office.

K.2.b Maintains contact and provides assistance and support to the Station Security Offices at the site.

K.2.c Maintains contact and provides assistance and support to the State Law Enforcement representatives located at the State Response Center.

K.2.d Assist the A&L Group Manager in requesting Law Enforcement assistance, if necessary.

K.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 primary.

K.3.a Primary (Director)

Randy Cross

K.3.b Alternates

Bill Randlett
Keith Shannon
Guy Cox
Dave Adkins

K.4 ESTABLISHMENT OF SECURITY CHECKPOINTS AND MONITORS AT THE GENERAL OFFICE

The Security Director shall be responsible for the activation, establishment and overall supervision of all security checkpoints and security monitors at the General Office.

The Security Director shall ensure the following checkpoint and monitor positions are established immediately upon receipt of the Activation Message from the A&L Group Manager.

K.4.a Security Checkpoints

The Security Director shall contact Building Security management individuals and request that Checkpoints 1 and 2 be immediately established.

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.

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 in the Charlotte Supply Building, General Office, Charlotte, N. C. the Corporate Communications Office area shall be the News Group Work Area. Checkpoint 2 shall be established at the building entrance. 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 the Charlotte Supply Building.

K.4.b. Security Monitors

The Security Director shall assign two (2) individuals from the Crisis Management Security Group

to act as security monitors at the Recovery Manager's office located in WC-1010. See Section K.3.b for a list of individuals available for security monitor duties.

The primary function of the security monitors shall be to establish access controls at the Recovery Manager's office in an effort to minimize personnel traffic. Specific duties and responsibilities for security monitors are addressed in the Security Monitor Procedure.

K.5 SITE SECURITY CHECKPOINTS

The Station Security Officer shall be responsible for the activation, establishment and overall supervision of security checkpoints at the site. A recovery plan shall be available at each site which addresses the establishment of additional access controls should the Crisis Management Center move to the site during extensive recovery efforts.

The Station Security Officer should coordinate with the Security Director and members of the Recovery Manager's Staff to determine when to implant the recovery plan at the site.

K.6 ASSISTANCE TO THE STATION SECURITY OFFICER

The Security Director shall maintain contact with the Station Security Officer or designee at the site and shall provide assistance and support to the site, upon request.

K.7 ASSISTANCE TO STATE LAW ENFORCEMENT REPRESENTATIVES LOCATED AT THE STATE EMERGENCY RESPONSE LOCATION

The Security Director shall maintain control with State Law Enforcement representatives located at the following locations:

McGuire

N.C. Highway Patrol
Air National Guard Facility
Charlotte, North Carolina

Oconee

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

Catawba

N.C. Highway Patrol
Air National Guard Facility
Charlotte, North Carolina

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

The Security Director shall provide assistance and support to the representatives of these agencies, upon request.

K.8 REQUEST FOR LAW ENFORCEMENT ASSISTANCE

The A&L Group Manager shall be responsible for requesting Law Enforcement assistance for the site or Crisis Management Center at the General Office. The Security Director shall assist the Group Manager in requesting Law Enforcement assistance, upon request.

Note that requests for Law Enforcement assistance involving station contingency situations (bomb threats, etc.) shall be handled by the Station Security Officer.

K.9 AUDIT PROCEDURE

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

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.

CRISIS MANAGEMENT PLAN

IMPLEMENTING PLANS

CMIP-5 - Scheduling/Planning Support Group

Rev. 13

Nov. 30, 1984

- Scheduling/Planning Support Group

TABLE OF CONTENTS

	<u>Page</u>
I. SCOPE	1
II. FUNCTIONAL RESPONSIBILITY	2
A. Scheduling/Planning Support Group Manager	2
B. Planning Coordinator	3
C. Scheduling Coordinator	4
D. Performance Monitor	5
E. Operations Support Coordinator	7
F. Nuclear Production Duty Engineer	8
III. SCHEDULING/PLANNING GROUP ACTIVATION	8
IV. EMERGENCY FACILITIES - EQUIPMENT AND RESOURCES	9
V. IMPLEMENTATION OF FACILITY AND EQUIPMENT	10
VI. LONG RANGE RECOVERY FUNCTIONS	11
VII. FIGURES	
1. Reporting Requirements	12
2. "Call Tree".	13
3. Telephone Directory	14
4. Organization Chart	15
5. Activation Message Format	16
6. Duty Engineer Call List	17
7. Emergency Message Format	19
8. Notification of Unusual Event	20
9. Alerting the CMC - Alert, Site Area Emergency or General Emergency	21

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.
 - 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, 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. (Hdqtrs. 301/427-4056 or 202-951-0550; Region II - 404/221-4503)
 - e. Works with Crisis News Director to prepare Nuclear Network entries on the situation. An entry will be prepared, will be approved by the Recovery Manager, and will be logged onto Nuclear Network 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 straight-forward 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.

F. Nuclear Production Duty Engineer

Reports to: Recovery Manager

Basic Function: To notify Recovery Manager and other groups of situations under the Emergency Classification System.

Primary Responsibilities:

1. To notify General Office personnel shown in Figure 8 of an Unusual Event.
2. To notify the Recovery Manager and other groups displayed in Figure 9 of an Alert, Site-Area Emergency or General Emergency. (Phone numbers are listed in Figure 6.)
3. To "translate" technical terms.

Principal Working Relationships:

1. Shift Supervisor or Emergency Coordinator for receiving information (shown in Figure 7) concerning emergency situations.
2. Recovery Manager for notification of emergency situations and receiving instructions on activation of CMC.
3. Other Crisis Management Team members for notification of establishment of CMC for an alert or higher classification.
4. Corporate Communications for notification of emergency situations and for "translating" technical terms.

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 Center, the Nuclear Production Duty Engineer 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 Oconee, the Recovery Manager is located in the Oconee Training Center. For McGuire and Catawba, Scheduling and Planning personnel are to report to WC-1010.

B. Equipment and Resources

1. Communication

Communication is by phone. See procedures CMIP-9 "Oconee Crisis Phone Directory" and CMIP-10 "McGuire/Catawba Crisis Phone Directory" for listings.

2. Equipment and Supplies

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

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 Oconee.

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

Planning Coordinator

Unit Status (Temp., pressure, etc.) - Both graphical and written.

Work Activity Job Requirements - (work detailed, manpower, time, etc.) Provide to S. Coordinator.

Develop overall recovery status report with the assistance of the S. Coordinator and Performance Monitors.

Prepare agenda for and keep minutes of the progress review meetings.

Scheduling Coordinator

Develop daily, two day, and long range schedules in both graphic and written form.

Detail project milestones in a separate written report.

Update schedules based on progress reports from the Performance Monitors.

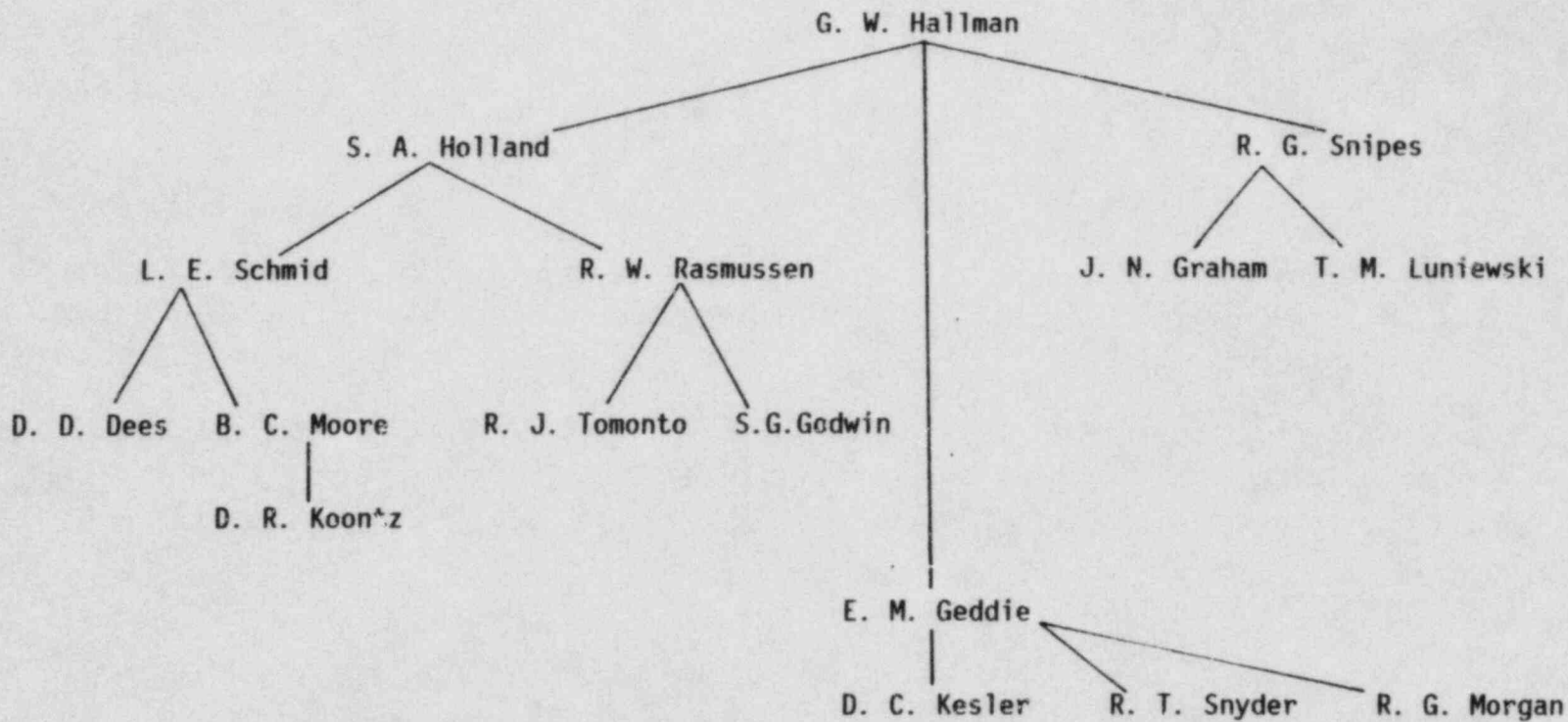
Meet periodically with P. Coordinator and P. Monitors to develop concise overall recovery effort status report.

Performance Monitors

Provide the S. Coordinator a progress report on each individual event/activity.

Meet periodically with S. & P. Coordinators to develop a concise overall recovery effort status report.

Figure 2
 SCHEDULING/PLANNING FUNCTION
 TELEPHONE NOTIFICATION LISTING



Note: Duty Engineers will be notified by Shift Supervisor or Emergency Coordinator

Figure 3
SCHEDULING/PLANNING FUNCTION
TELEPHONE DIRECTORY

<u>Name</u>	<u>Office</u>	<u>Home</u>
<u>Scheduling/Planning Manager</u> G. W. Hallman		
<u>Alternates</u> S. A. Holland		
<u>Planning Coordinator</u> L. E. Schmid		
<u>Alternate</u> B. C. Moore D. D. Dees D. R. Koontz		
<u>Scheduling Coordinator</u> R. G. Snipes		
<u>Alternates</u> T. M. Luniewski		
<u>Performance Monitor</u> R. W. Rasmussen		
<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 R. G. Morgan		
<u>Duty Engineers</u> E. M. Geddie B. C. Moore S. A. Holland L. E. Schmid D. C. Kesler R. G. Morgan S. B. Schonhoff Eugene Keener J. T. Reece R. T. Snyder		

Figure 4

Scheduling/Planning Support Group

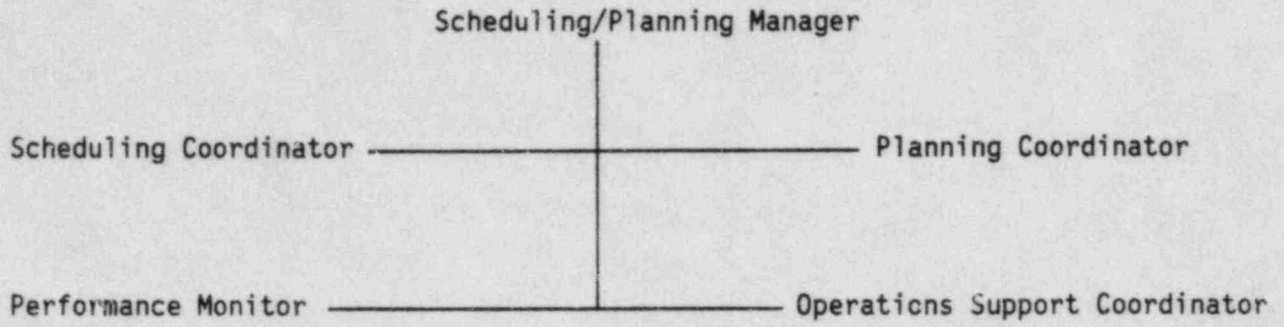


FIGURE 6

DUTY ENGINEER CRISIS MANAGEMENT CALL LIST

Recovery Manager

Work No.

Home No.

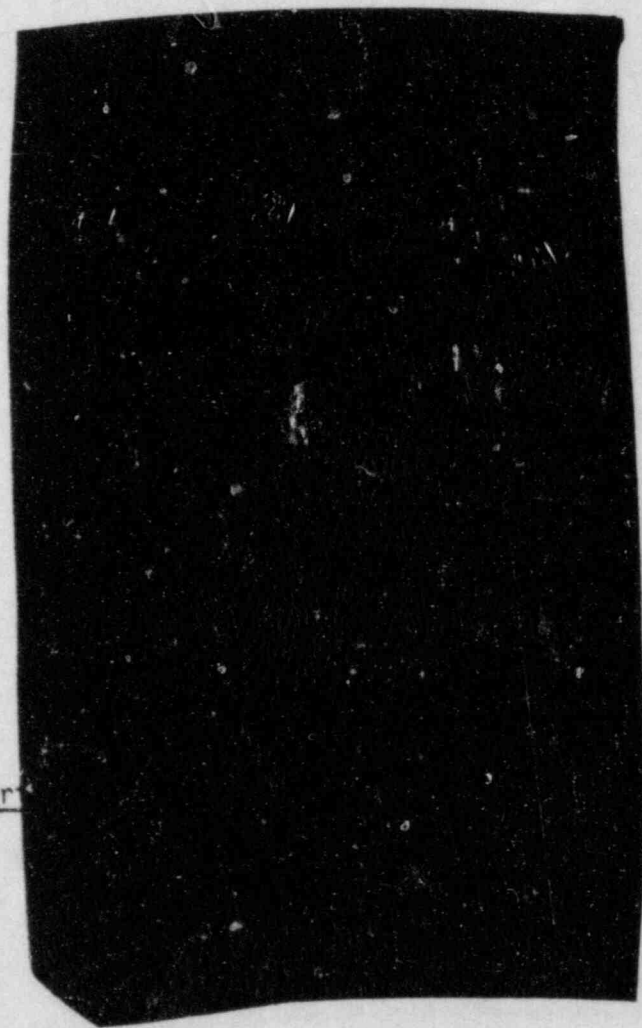
G. E. Vaughn (P)
M. S. Tuckman (A)
M. D. McIntosh (A)
J. W. Hampton (A)



Note: If the CMC is being activated and the Recovery Manager or his alternates are not available, contact the group managers as they will assemble their groups to support the station until the Recovery Manager is available. They will not take overall responsibility from the TSC without a Recovery Manager. The Station Manager for the affected station is not available as the alternate Recovery Manager.

Crisis News Director

Mary Cartwright (P)
Mary Boyd
Andy Thompson
Cecily Newton
Mike Dembeck
24 Hour answering service



Administration & Logistics

R. F. Smith (P)
Ed Morton
Steve Kessler
R. N. Johnson

Nuclear Technical Services Support

W. A. Haller (P)
L. Lewis
R. T. Simril
R. C. Futrell
J. E. Cole
M. L. Birch

Nuclear Engineering Services Support

K. S. Canady (P)
R. M. Koehler
H. T. Snead
J. W. Simmons
J. A. Reavis

FIGURE 6 (cont'd)

Scheduling/Planning

G. W. Hallman (P)
S. A. Holland
R. G. Snipes

Design & Construction

J. L. Elliott (P)
A. R. Hollins
S. K. Blackley
C. J. Wylie
S. B. Hager

Westinghouse (McGuire or Catawba)

John Roth (P)
Bob Howard
Joe Leblang
Dave Richards
George Masche
Bob Stokes
Tom Anderson

Babcok & Wilcox (Oconee only)

B. W. Street (P)
L. H. Williams
J. G. Brown

Work No.

Home No.



Figure 7

EMERGENCY MESSAGE FORMAT
Nuclear Station To
Nuclear Production Duty Engineer

Operating Unit Engineer/Duty Engineer shall contact:

Name: _____ Phone: (704) 373-5491
(Nuclear Production Duty Engineer)
Date: _____ Time: _____

Provide CMC Notification through the Nuclear Production Duty Engineer.

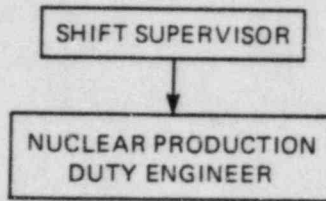
-
-
1. This is _____ at _____ at _____ Station.
(Name and Title)
 2. This _____ is _____ is not a drill. An _____ Unusual Event _____ Alert
_____ Site Area Emergency _____ General emergency was declared at _____
on Unit number _____. (Time)
 3. Initiating condition: (Give as close to the emergency plan description
as possible together with station parameters used to determine emergency
status). _____

 4. Corrective measures being taken: _____

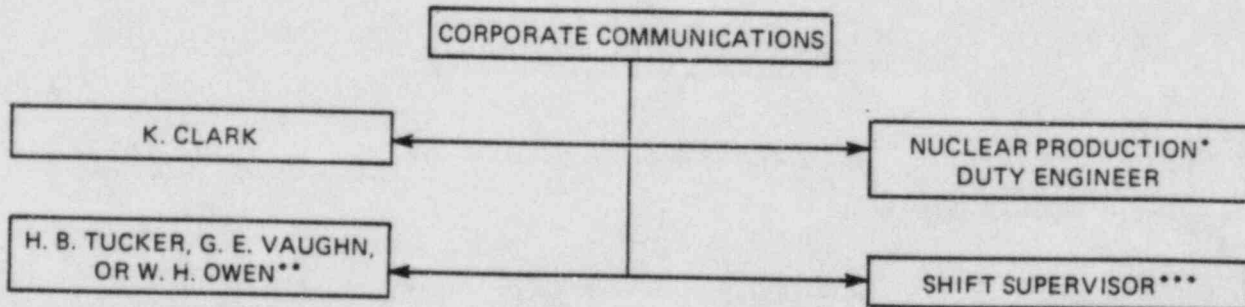
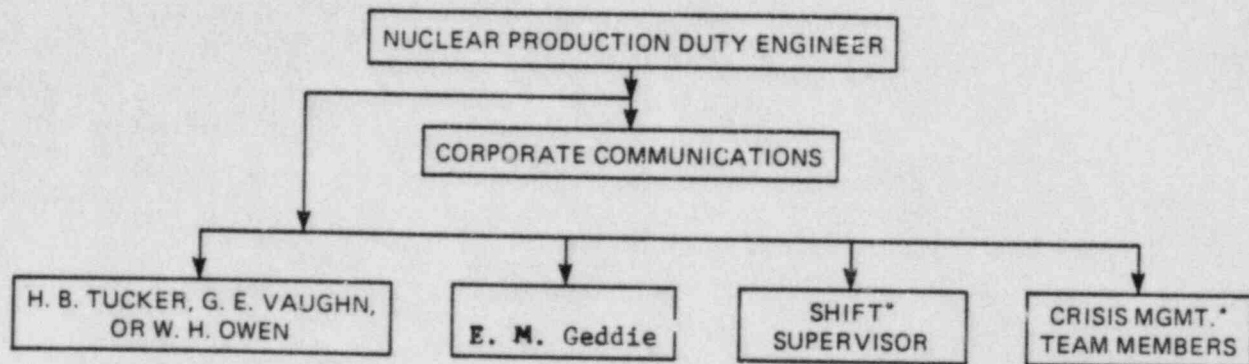
 5. There _____ have _____ have not been any injuries to plant personnel.
 6. Release of radioactivity: _____ is taking place _____ is not taking place
and is/is not affecting the CMC.
 7. NRC _____ Yes _____ No; State _____ Yes _____ No; Counties _____ Yes _____ No;
have been notified.
 8. The Crisis Management Center should/should not be activated. See Figure
E-2 For Activation Information.
 9. I can be reached at _____ for follow-up information.
 10. Additional Comments: _____

FIGURE 8
 NOTIFICATION OF UNUSUAL EVENT
 COMMUNICATIONS PROCEDURE - STATION TO GENERAL OFFICE

INITIAL CALLS (STATION TO GENERAL OFFICE)

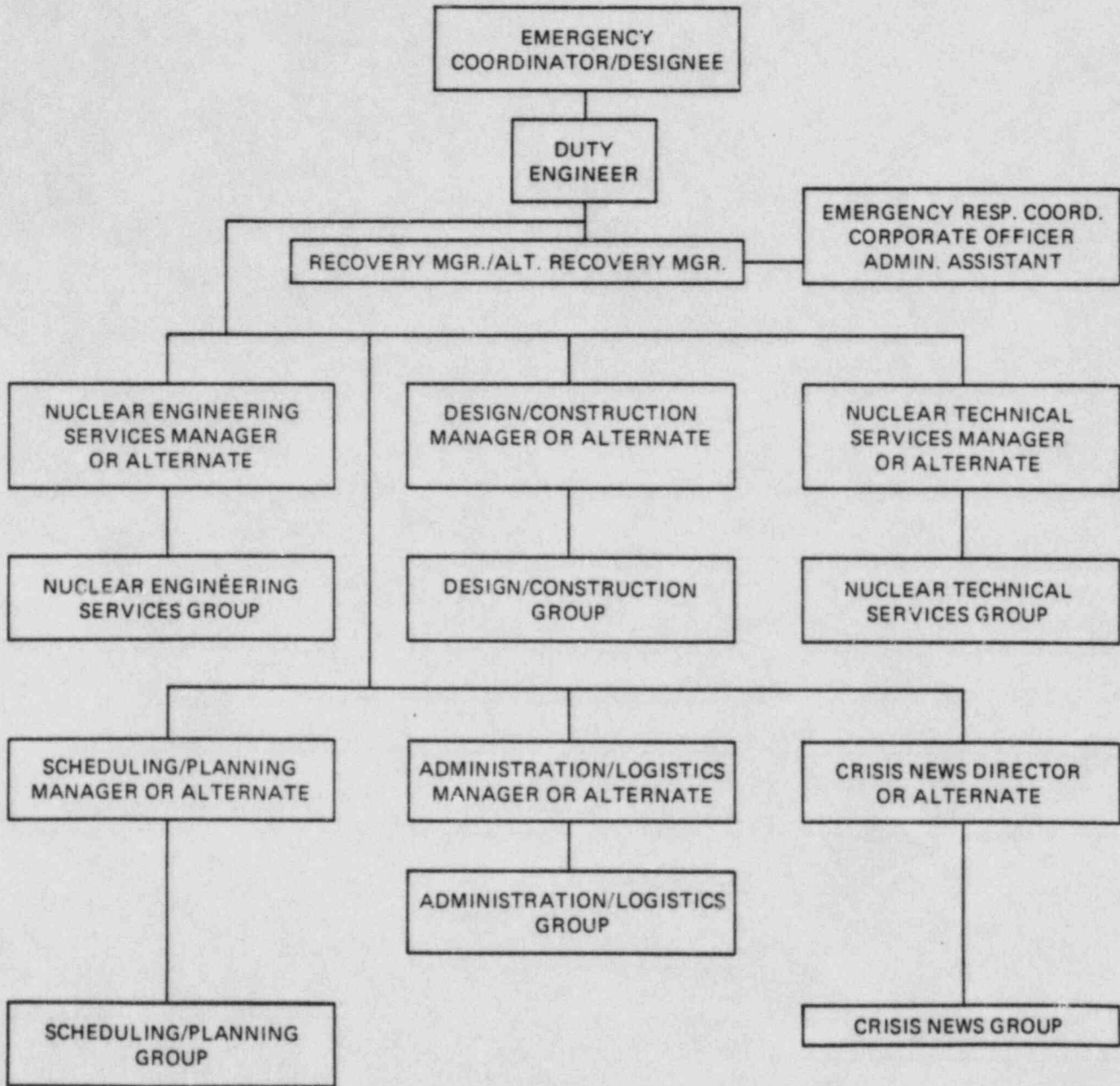


FOLLOWUP CALLS FOR INFORMATION



- * - PRIMARY INTERFACE (IF NECESSARY FOR FOLLOW-UP INFORMATION)
- ** - SECONDARY INTERFACE (IF INFORMATION OTHER THAN THAT AVAILABLE FROM PRIMARY INTERFACE IS NEEDED)
- *** - TERTIARY INTERFACE (IF PRIMARY OR SECONDARY INTERFACE IS NOT AVAILABLE)

FIGURE 9
 ALERTING THE CRISIS MANAGEMENT ORGANIZATION
 FOR ALERT, SITE AREA EMERGENCY OR GENERAL EMERGENCY CONDITIONS



DJKE POWER COMPANY

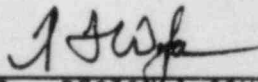
CRISIS MANAGEMENT PLAN
IMPLEMENTING PLAN CMIP-6

DESIGN & CONSTRUCTION SUPPORT GROUP PLAN

OCONEE NUCLEAR STATION

MCGUIRE NUCLEAR STATION

CATAWBA NUCLEAR STATION



APPROVED: DESIGN & CONSTRUCTION SUPPORT GROUP MANAGER

REVISION 17 - 12/01/84

DESIGN AND CONSTRUCTION SUPPORT GROUP

TABLE OF CONTENTS

	<u>PAGE</u>
I. Scope	1
II. Organization - Charts	4
A. Additional Support Personnel	4
1. Engineering Personnel	
2. Construction Personnel	
3. QA Personnel	
4. Babcock and Wilcox	
5. Westinghouse	
III. Functional Responsibilities	5
A. Design and Construction Manager	
B. Staff Administrators	
C. Engineering Director	
D. Director of Construction	
E. Director of Quality Assurance	
IV. Notification Procedure	11
V. Emergency Facilities	12
A. Recovery Manager	
B. General Office Groups	
C. Additional Support Personnel	
VI. Emergency Equipment	13
VII. Additional Support Needed from Other Groups	13
A. Administration and Logistics Group	
B. Scheduling/Planning Group	
C. Nuclear Engineering Services Group	

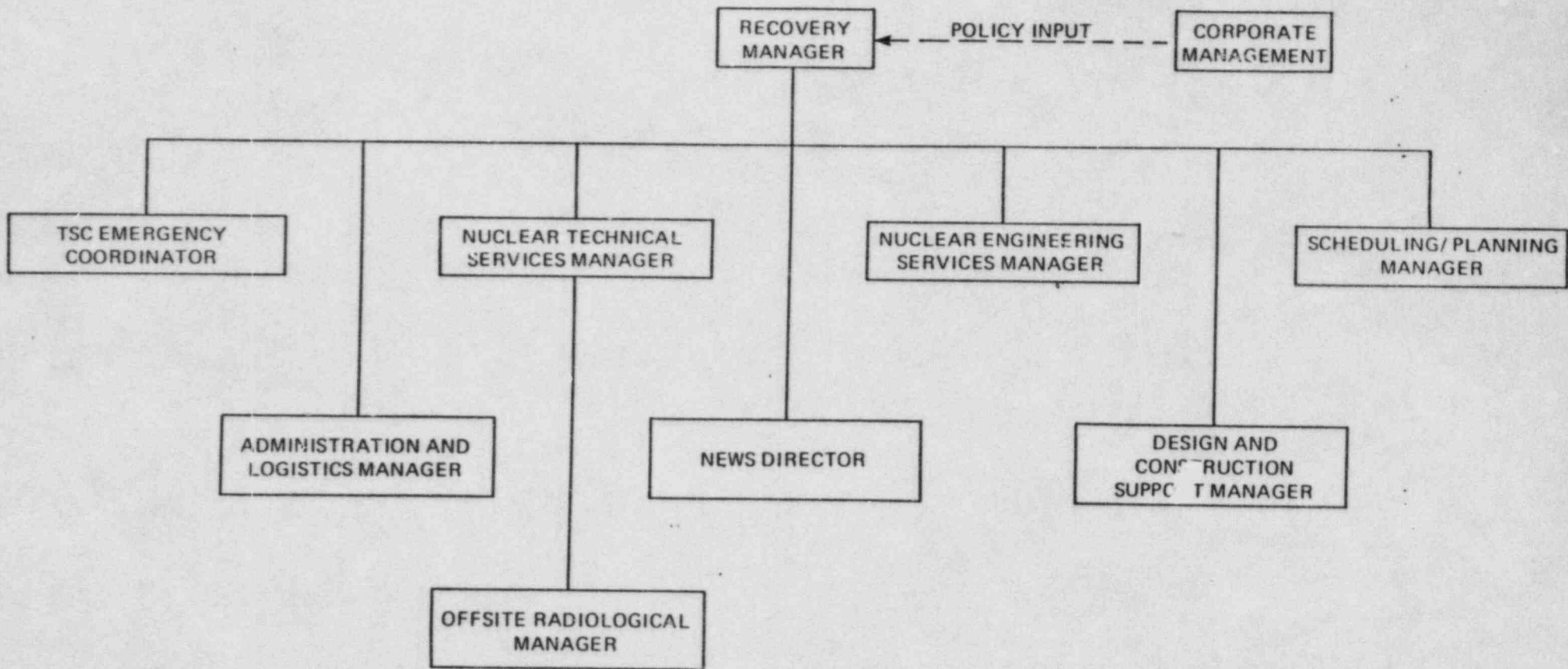
DESIGN AND CONSTRUCTION SUPPORT GROUP

TABLE OF CONTENTS (Cont'd)..

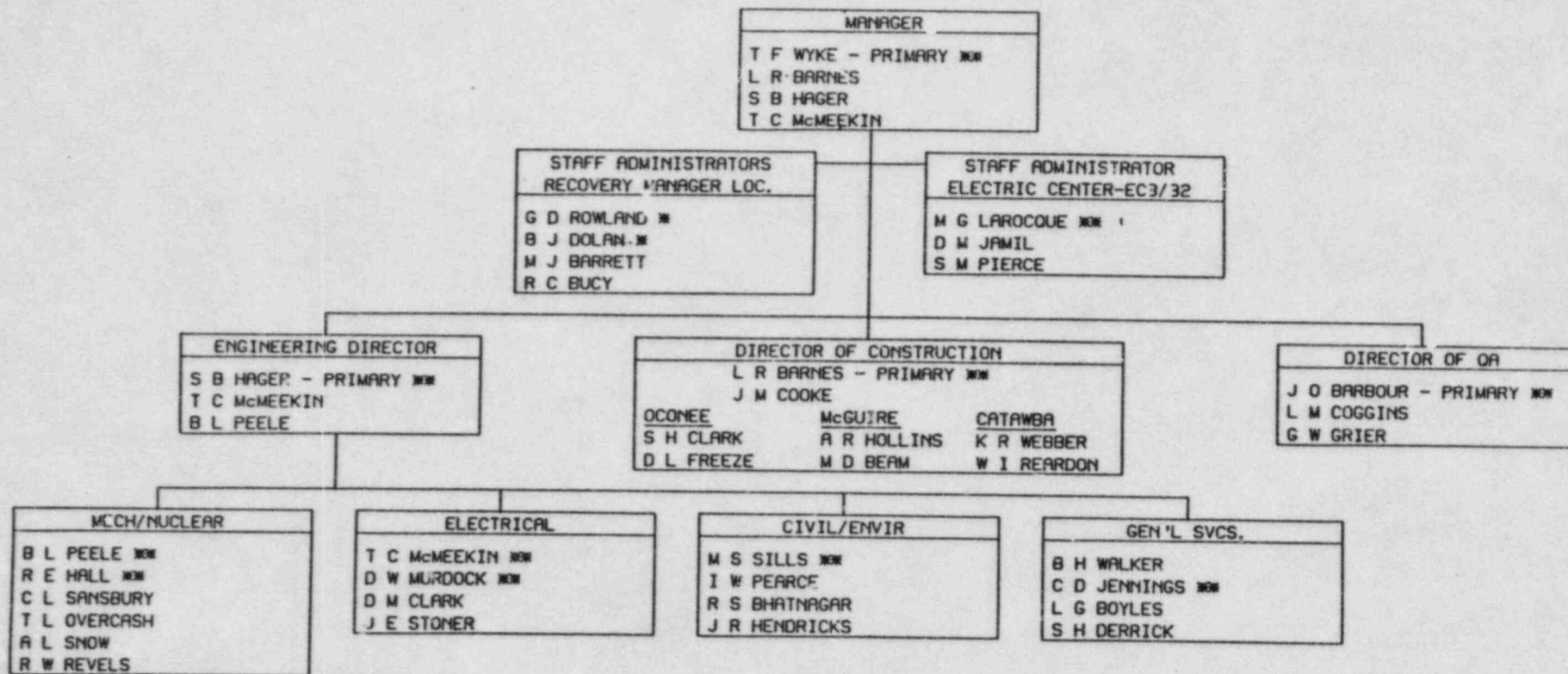
	<u>PAGE</u>
D. Nuclear Technical Services Group	
VIII. Recovery Planning	14
IX. Attachments	15

I. Scope

The Design and Construction Support Group is responsible for coordinating and implementing the activities of Design Engineering, NSS Suppliers, construction forces, and outside vendors on proposed station modifications or other design and construction support required for the protection of life and property in emergency situations at operating nuclear stations on the Duke Power System.



DESIGN & CONSTRUCTION SUPPORT GROUP



* REPORT TO LOCATION DESIGNATED BY RECOVERY MANAGER AT TIME OF NOTIFICATION (SEE PAGE 12 - EMERGENCY FACILITIES)
 ** REPORT TO ELECTRIC CENTER CONFERENCE ROOM EC3/32 AFTER NOTIFICATION
 NOTE: NO PERSON WILL SERVE AS PRIMARY IN TWO PLACES

I. Organization - Charts

A. Additional Support Personnel

1. Engineering Personnel

<u>Name</u>	<u>Area of Expertise</u>	<u>Office #</u>	<u>Home #</u>
J R Hendricks	Fire Prot & Architecture		
H D Brandes	Fire Protection		
R M Sandifer	Instrumentation		
R E Miller	Mech Sys & Equip		
R C Giles	Piping Analysis		
W H Rasin	Nuclear		
D G Owen	Power Systems		
R L Dobson	Inst & Control Systems		

Other engineering and technical support personnel are available as needed in the General Office area and at each construction site.

2. Construction Personnel

<u>Name</u>	<u>Office #</u>	<u>Home #</u>
T C Chappel		
R W Timms		

The Construction Department Manager, Employee Resources and Development, maintains a directory of key Construction Department supervisors who have skills that might be required during an emergency at an operating nuclear plant. During a developing or short duration emergency, the directory will be used by the Administrative and Logistics Group to contact needed employees as directed by the Design and Construction Manager or his designee. In a longer term recovery situation, the Construction Department Manager, Employee Resources and Development, will provide needed manpower using his conventional organization and methods.

3. Quality Assurance Personnel

A minimum of 12 inspectors are permanently assigned to each operating nuclear plant and about one-half of these inspectors are qualified in one or more methods of NDE. This would be the initial group called upon to perform required QA activities to assure work quality and documentation. If other QA inspectors or NDE personnel are needed at the emergency site, they are or will be available from other operating or construction sites. The required tools and equipment for this group are available at each site.

Oconee Site

Name

Office #

Home #

R. J. Brackett

R. H. Ledford

J. J. McCool

McGuire Site

Name

Office #

Home #

R. P. Ruth

D. M. Franks

Catawba Site

Name

Office #

Home #

J. W. Willis

4. Babcock Wilcox (B&W) - Page 25

5. Westinghouse (W) - Page 24

III. Functional Responsibilities

A. Design and Construction Manager

Reports to: Recovery Manager

Supervises: Design and Construction Staff

Basic Functions: Coordinates the design and construction activities of Design Engineering, NSS Suppliers, Construction forces, and outside vendors.

Primary Responsibilities:

1. Direct the activities of Design Engineering, Construction forces, Quality Assurance, and outside vendors on plant modifications.
2. Assure the design and construction activities are adequately staffed and equipped to respond in timely fashion.
3. Determine application of Corporate Quality Assurance Program. Recovery Manager or Station Manager approval is required for deviations from present practices.
4. Assure that engineering and technical specialists are available on a pre-planned basis for assisting Nuclear Engineering Services, Station Manager, Nuclear Technical Services and the Recovery Manager as required.
5. Advise the Recovery Manager on matters related to Design and Construction Support.

Principal Working Relationships:

1. Station Manager for plans on modifications to systems and equipment in plant.
2. Nuclear Engineering Services Manager for joint review of proposed modifications to systems and equipment in the plant.
3. Nuclear Technical Services Manager for modifications to systems and equipment and support of activities in the waste management area.
4. Scheduling and Planning Manager for status of activities in the Design and Construction area.

B. Staff Administrators

Reports to: Design and Construction Manager

Basic Functions: To assist the Design and Construction Manager in all areas of his responsibility and perform other tasks that the Manager may direct to meet requirements of the recovery operation.

The Staff Administrator reporting to Electric Center Conference Room EC3/32 after notification is responsible for moving the VAX computer terminal from David Nabow Library (EC2/30) to room EC3/32. He is responsible for setting the terminal up and operating it during the

emergency or drill to receive plant data sheets. He is also responsible for obtaining appropriate priority for Design and Construction Support Group computer work. Computer Services contacts for obtaining priority are:

Primary - K. K. Sherrill,
1st Alternate - J. E. Sinclair,
2nd Alternate - Shift Supervisor, (24 hours)

The Staff Administrator reporting to EC3/32 is also responsible for checking out the following drawings from the Electrical Division File Room and bringing them to EC3/32:

- General Arrangement Drawings
- Electrical Power System One-Line Drawings
- Mechanical Flow Diagrams

The plant and unit for which the drawings will be required will be identified in the Crisis Management Center Emergency Activation Message. The need for additional drawings will be identified by members of the Design and Construction Support Group Team in EC3/32.

The Staff Administrators reporting to the Recovery Manager's location serve as the Design and Construction Manager's liaison with the Recovery Manager.

C. Engineering Director

Reports to: Design and Construction Support Manager

Supervises: Engineering Staff Personnel

Basic Functions: Responsible for directing and assisting the engineering staff and performing engineering and design tasks that the Design and Construction Manager may direct to meet the requirements of the recovery operation.

Primary Responsibilities:

1. Directs the engineering staff.
2. Provides the administrative and technical control of the engineering and technical staff assigned to him.
3. Assure that engineering and technical specialists are available on a pre-planned basis for assisting Nuclear Engineering Services, Nuclear Technical Services, and the Station and Recovery Managers as required.
4. Assure that his engineering and design activity is adequately staffed and equipped to respond in timely fashion, both on site and at the main office.
5. Direct, coordinate, and approve engineering and design tasks assigned by the Design and Construction Support Manager.
6. Coordinate the work of suppliers providing components/services for the balance of the plant.
7. Assist Design and Construction Support Manager in determining activities to be performed under the Corporate Quality Assurance Program.

Principal Working Relationships:

1. Director of NSS Supply regarding technical requirements and balance-of-plant interface requirements.
2. Director of Construction for engineering support and for fabrication and erection procedures for balance of plant.
3. Nuclear Engineering Services, Nuclear Technical Services and the Station and Recovery Managers for engineering and technical support for their activities on a pre-planned and operational basis.
4. Administrative and Logistics Manager regarding contract administration, materials control, field purchasing, and labor relations, or other support activities required.

Manager, Mechanical/Nuclear Division

Reports to: Engineering Director

Basic Functions: Provides the mechanical and nuclear design response to meet the requirements of the recovery operation.

Manager, Electrical Division

Reports to: Engineering Director

Basic Functions: Provides the electrical design response to meet the requirements of the recovery operation.

Manager, Civil/Environmental Division

Reports to: Engineering Director

Basic Functions: Provides the civil/environmental design response to meet the requirements of the recovery operation.

Manager, General Services Division

Reports to: Engineering Director

Basic Functions: Provides Document Retrieval Assistance for the Recovery Operation. Responsible for taking a copy of the Corporate Crisis Management Plan to EC3/32 after notification. Maintains a separate copy of the Corporate Crisis Management Plan and the Crisis Management Data Transmittal System Manual at EC3/02 for checkout by members of the Design and Construction Support Group. Maintains roadblock passes for use by any members of Design and Construction Support Group sent to Oconee for an emergency or drill.

D. Director of Construction

Reports to: Design and Construction Support Manager

Supervises: Construction Forces

Basic Functions: Responsible for directing and administratively controlling the Construction forces, including any subcontractors, and performing such construction tasks that the Design and Construction Support Manager may direct to meet the requirements of the recovery operation.

Primary Responsibilities:

1. Direct, coordinate, and control Construction forces.
2. Assure Construction forces are adequately manned and equipped to provide timely construction support.
3. Direct and coordinate construction tasks assigned by Design and Construction Support Manager.

4. Coordinate the work of suppliers or subcontractors providing construction materials or services.

Principal Working Relationships:

1. Engineering Director regarding construction requirements and fabrication and erection procedures for balance of plant.
2. NSS Supplier regarding NSSS fabrication and erection procedures.
3. Director of Quality Assurance regarding level of quality assurance to be implemented by Construction forces.
4. Administration & Logistics Manager regarding contract administration, material control, field purchasing, and labor relations, or other support activities required.

E. Director of Quality Assurance

Reports to: Design and Construction Support Manager

Supervises: Quality Assurance Staff Personnel

Basic Functions: Responsible for directing and administratively controlling the Quality Assurance Staff and executing the quality assurance program for such design, construction, and other operating tasks as the Design and Construction Support Manager may direct and otherwise as required to meet the requirements of recovery operation.

Primary Responsibilities:

1. Direct and control Quality Assurance Staff on all administrative and technical matters.
2. Assure the quality assurance activity is adequately staffed and equipped to provide timely support.
3. Direct and coordinate the implementation of the quality assurance program for approved construction operational tasks or other engineering and design tasks as appropriate and required.

Principal Working Relationships:

1. Director of Construction and Engineering Director regarding the interfacing of construction and design activities with quality assurance activities.

Role of Quality Assurance:

The role of the Quality Assurance Department in an emergency situation in support of operational activities will remain under the jurisdiction of G. W. Grier/J. O. Barbour/Senior Quality Assurance Engineer and

will not change substantially from normal practices. However, suspension of some operational quality assurance measures, as well as some design and construction quality assurance measures could be required due to time constraints. The Design and Construction Manager will determine application of Corporate Quality Assurance Program and apply as appropriate. Recovery Manager or Station Manager approval is required for deviations from present practices.

IV. Notification Procedure

Upon notification and initiation of the Crisis Management Plan, members of the Design and Construction Support Group are to report to either the Recovery Manager's designated location or Electric Center Conference Room EC3/32 as directed. Design and Construction Support Group personnel who report to the designated location, if they are the first to arrive, will assume the role of organizing the designated location for the Recovery Manager. The first member to arrive will continue to serve in this role until such time as the Recovery Manager, an alternate, or the Scheduling/Planning Manager or his alternate arrives to assume the lead responsibilities. Initial actions to be completed and documented are as listed on the Activation Checklist (see page 15). This Checklist is to be started by the first member of the Crisis Management Organization to arrive at the Designated Location and once completed is to be retained by the Recovery Manager.

- A. Design and Construction 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. Design and Construction Support Directors - Notification of an emergency or accident situation initiating the implementation of the Design and Construction Support Group Plan will be by the Manager of the Design and Construction Support Group and/or his designee(s).
- C. Supporting Members - Notification of an emergency or accident situation initiating the implementation of the Design and Construction Support Group Plan will be by the appropriate Director and/or his designee(s).

- D. NSS Supplier - Will be notified by Recovery Manager or his designee that an emergency situation has developed. This notification will activate the NSSS emergency plan and response.
- E. All identified members of the Design and Construction Support Group, their home and office phone numbers are a part of this plan. (See Page #17)
- F. Upon notification of an Alert, Site Emergency or General Emergency situation at an operating nuclear station, individuals with an asterisk (*) by their name on Page 3 are to report to the Recovery Manager's Designated Location. Individuals with a double asterisk (**) by their name will report to Electric Center Conference Room EC3/32. (Note: The CMC may not be activated in an Alert situation.)

V. Emergency Facilities

A. Recovery Manager

When notified that an Alert, Site Emergency or General Emergency has been initiated, the Recovery Manager will decide where he will meet with his staff. This decision will be transmitted to each group along with station information during the customary notification procedure. His choices for Crisis Management Center locations are as follows:

McGuire/Catawba - Wachovia Center Room WC10/10 (page 19)

Oconee - Nuclear Training Facility (pages 20 & 21)

Liberty Retail Office, Liberty SC (backup) (pages 22 & 23)

B. General Office Groups

General Office Headquarters will be maintained by the Design and Construction Support Group, the Nuclear Engineering Services Group, the Nuclear Technical Services Group, and the Administration and Logistics Support Group.

These headquarters will direct the General Office response activities of their respective groups.

C. Additional Support Personnel

Temporary quarters for the additional support personnel will be established as necessary at time of emergency in a near site "trailer city". Space for 25-30 trailers and mess facilities are provided; power and telephone services will be provided at the discretion and

direction of Administration and Logistics Manager. "Trailer City" locations are as follows:

Oconee: Keowee Construction Yard, about 1600 feet east of the 525KV switchyard.

McGuire: Parking lot area at Training and Technology Center, if needed.

Catawba: Construction Parking lot, if needed.

VI. Emergency Equipment

Plant data is transmitted to various support groups by means of the VAX computer system during emergencies and drills. Technical Support Center personnel are responsible for releasing plant data on a timely basis. The Design and Construction Support Group VAX terminal is normally located in the David Nabow Library (EC2/30). During emergencies and drills this terminal will be relocated to EC3/32 and operated by the EC3/32 Staff Administrator.

VII. Additional Support Needed From Other Groups

The following is a list of support activities that would be required from other groups in addition to the support that would normally be expected from the other Groups. (Reference Part III of Plan for identification of responsibilities and key interfaces.)

A. Administration and Logistics Group

1. Secretarial, clerical personnel and assistance for typing, filing, reproduction, etc.
2. Communications equipment for members of Group. Each construction foreman would need capability to communicate with Construction or Engineering Directors and General Superintendent while performing repair work inside the plant.
3. Field-purchasing and delivery of required construction materials including materials control and contract negotiation/administration.
4. Transportation and delivery of required "Special Requirements" and other Support personnel as identified by Group Manager or Directors.
5. Maps of the appropriate areas for each Group member.
6. Set up and furnish required drafting areas and office spaces as determined by Manager and Staff Administrator.

7. Funds to cover out-of-pocket expenses incurred by Group members.
 8. Provide necessary training of other personnel as required.
- B. Scheduling/Planning Group
Assemble the schedules and status reports for the Recovery Manager.
- C. Nuclear Engineering Services Group
Review proposed modifications to station equipment and system.
Provide NSSS interface.
- D. Nuclear Technical Services Group
Review proposed modifications to related equipment.

VIII. Recovery Planning

After the plant emergency situation has improved and the complete TSC, CMC and OSC staffs are not needed, actions will shift into the recovery phase. The Recovery Manager will inform the Group Managers when this is to occur.

T. F. Wyke will continue to act as the Design and Construction Manager during recovery. He will be responsible for assuring that Design and Construction activities are adequately staffed and equipped to aid the recovery effort. The Design and Construction Support Group organization will be changed as necessary to best meet the requirements of recovery.

Crisis Management Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

Your Name _____ Time Contacted _____
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 Center 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 - R. E. Harris (WC-23).

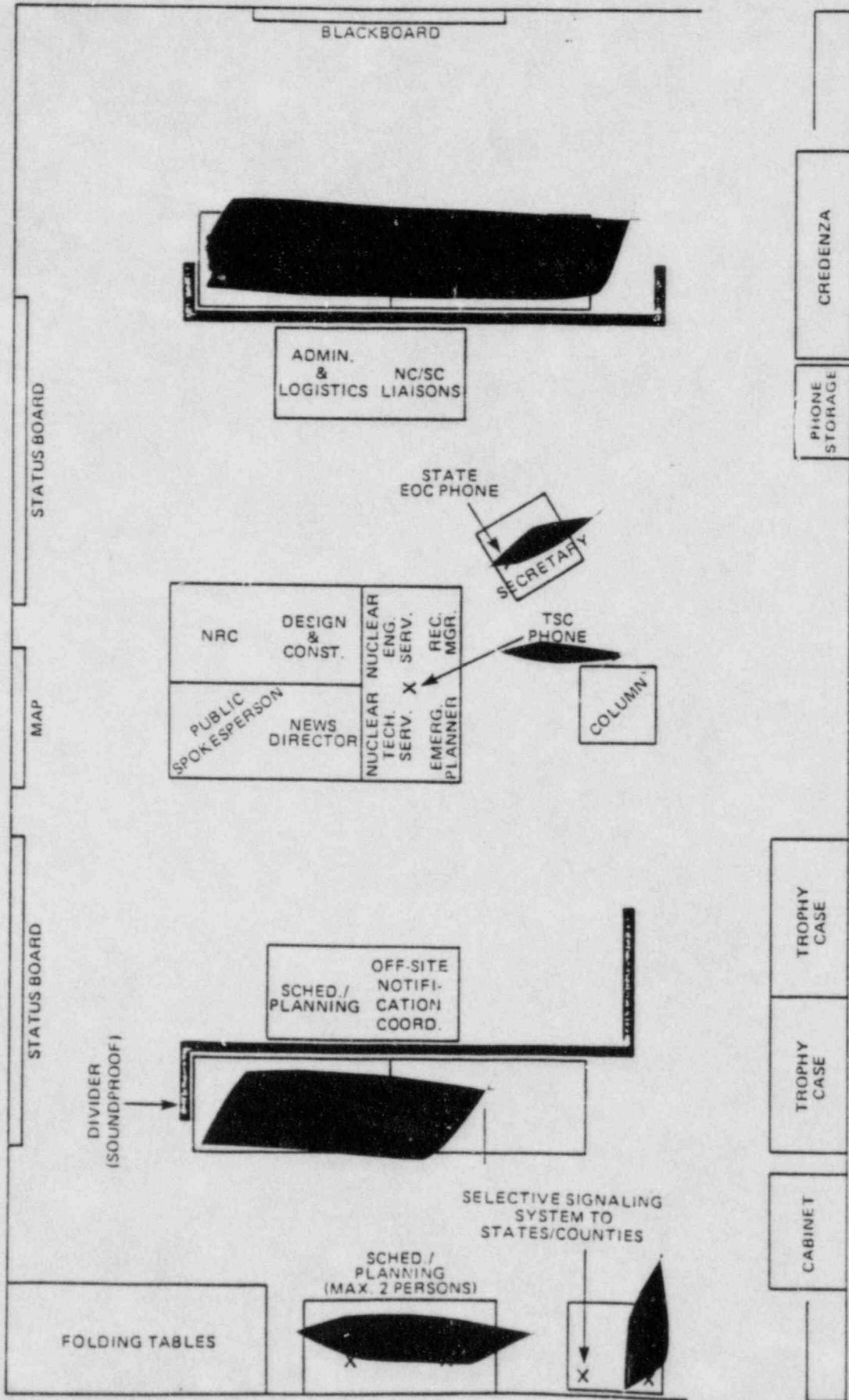
DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

McGUIRE/CATAWBA CMC
GENERAL LOCATION

McGUIRE
NUCLEAR
STATION

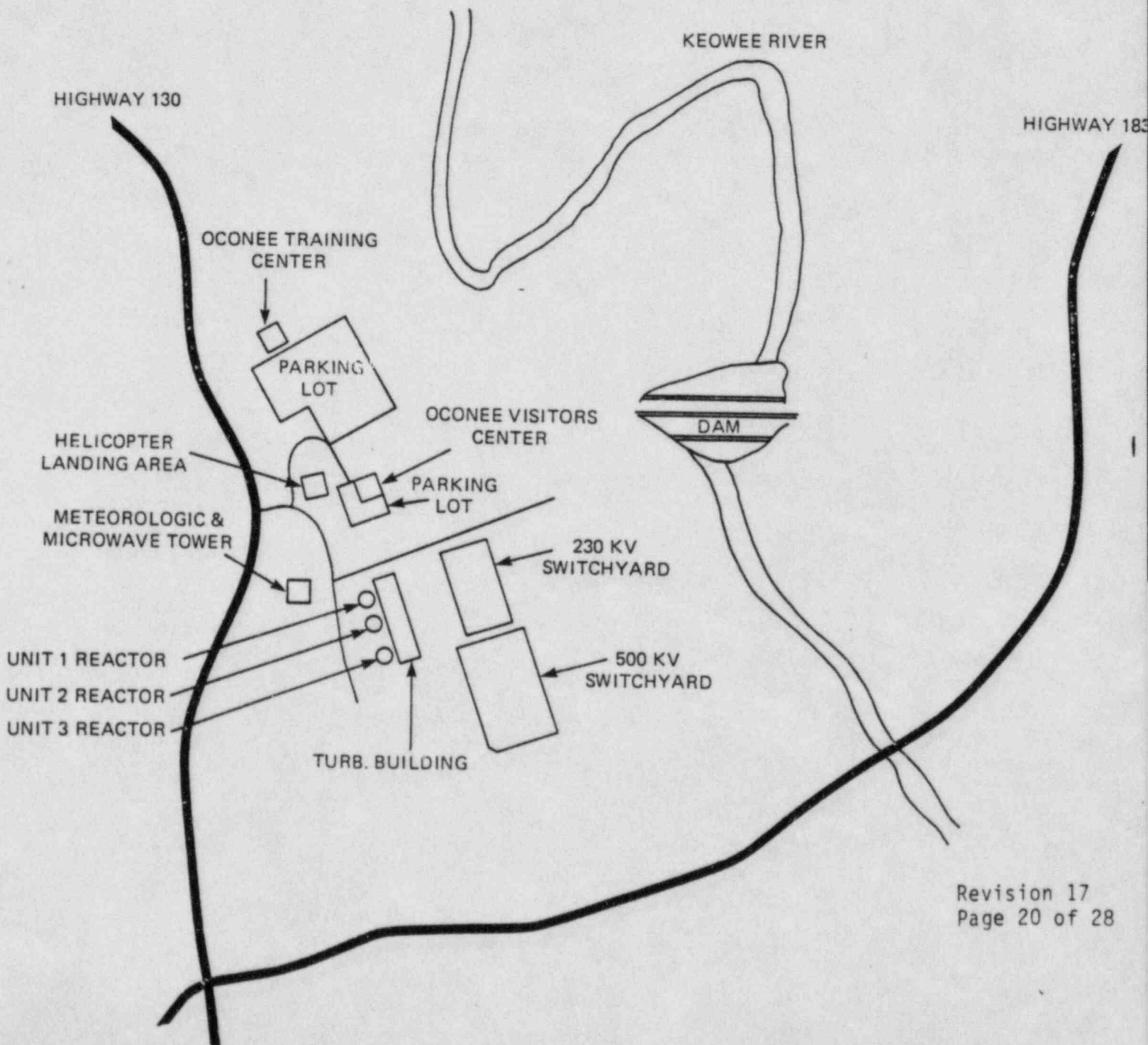


RECOVERY MANAGER/SCHEDULING & PLANNING OFFICE
 WACHOVIA CENTER - ROOM 1010

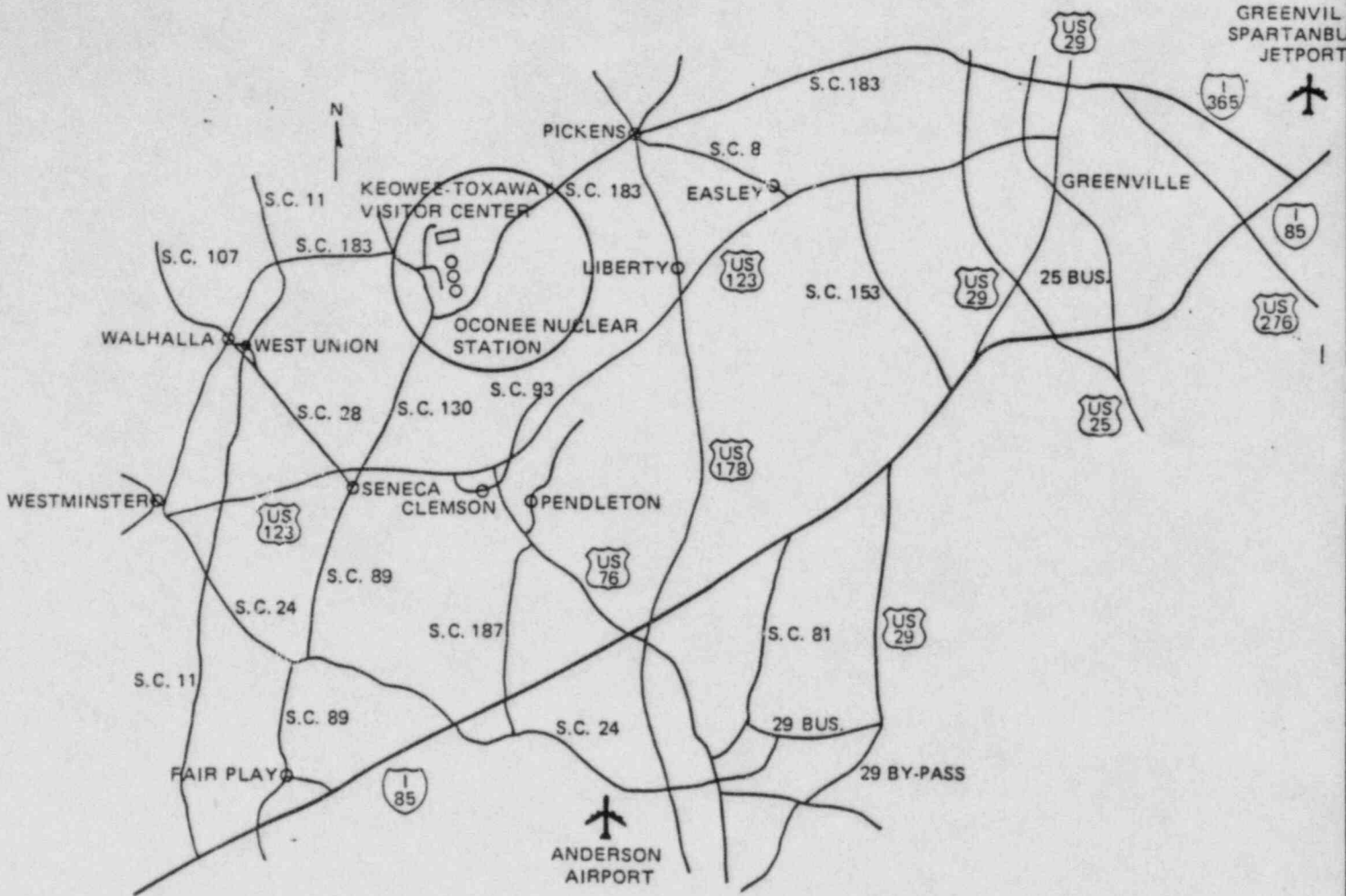


DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

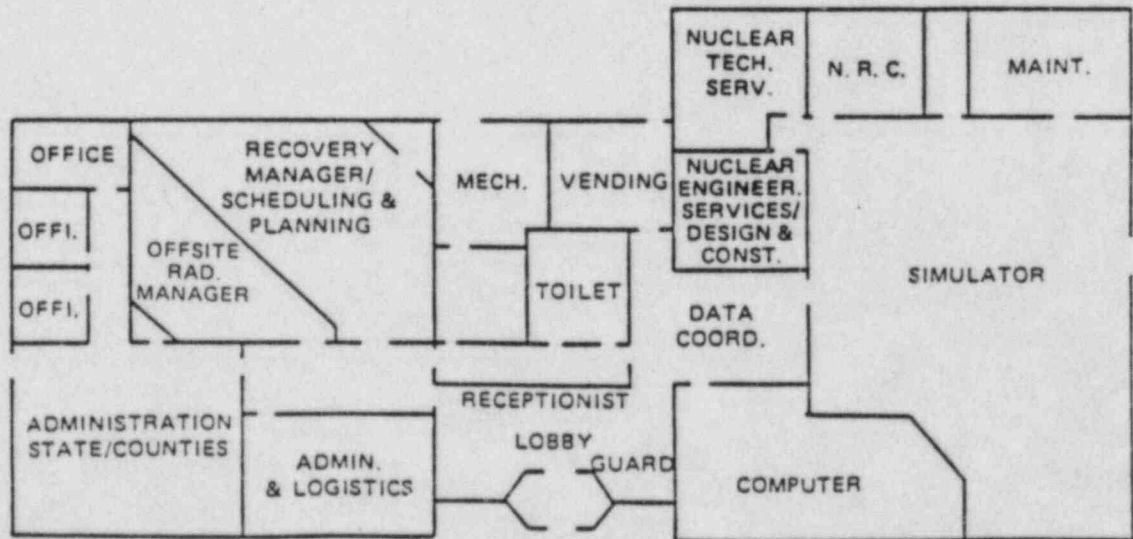
OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LAYOUT



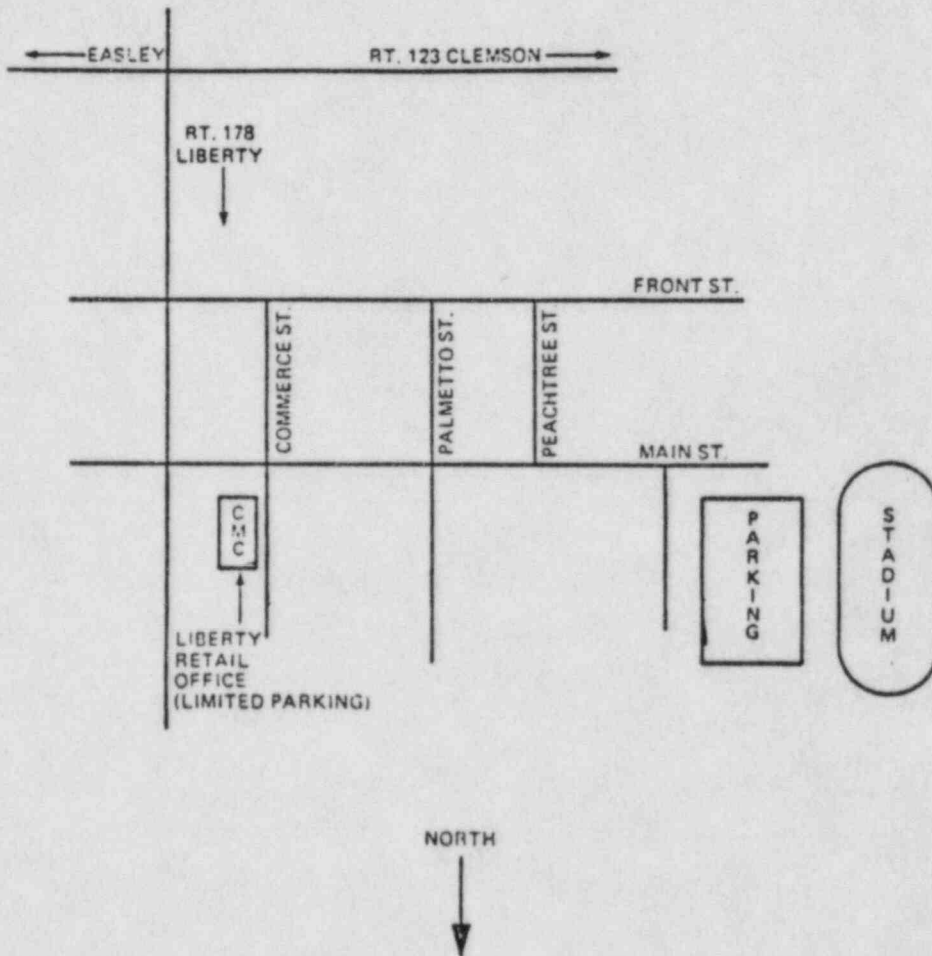
**OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LOCATION**



**NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER**

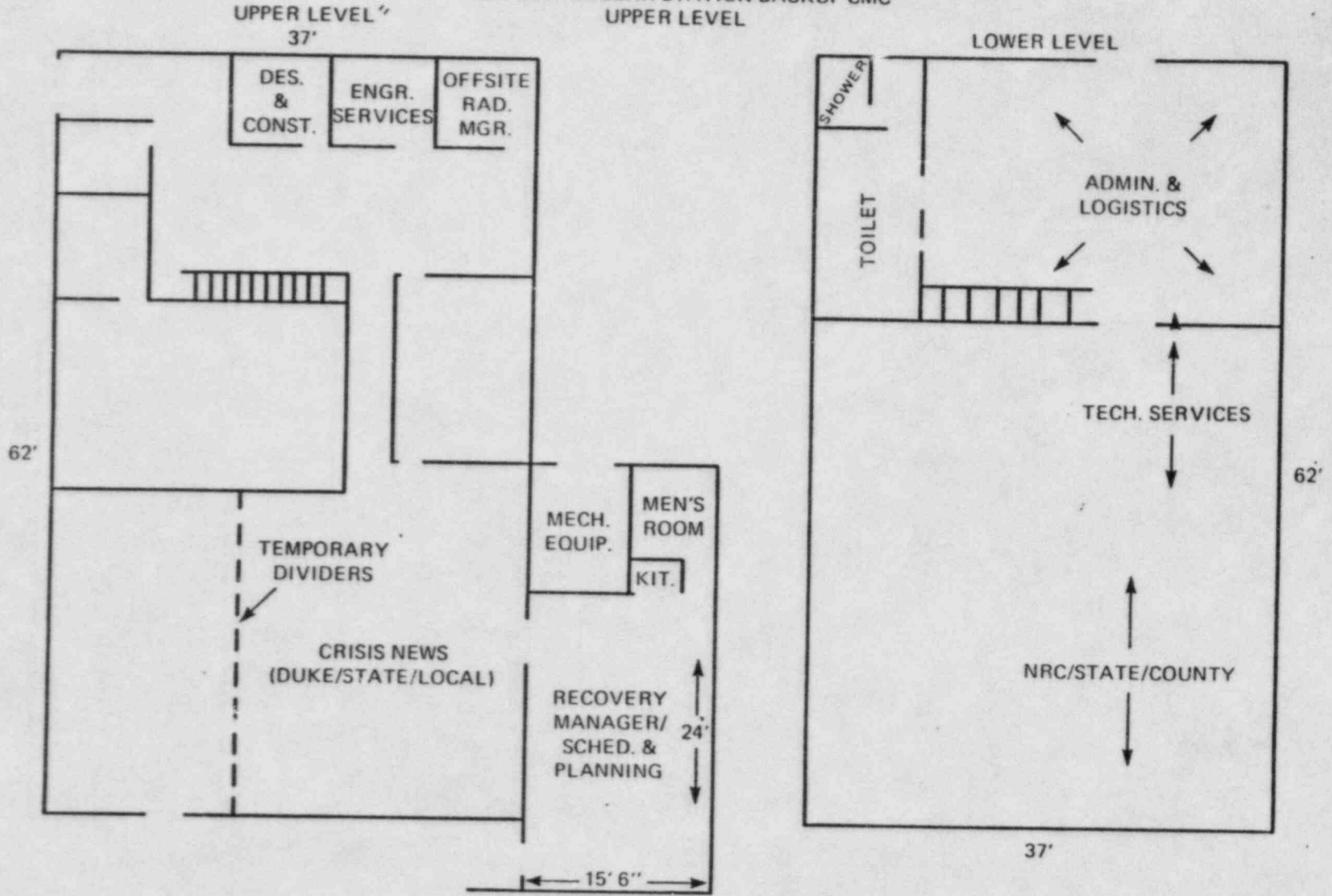


OCONEE NUCLEAR STATION
BACKUP CMC
GENERAL LOCATION

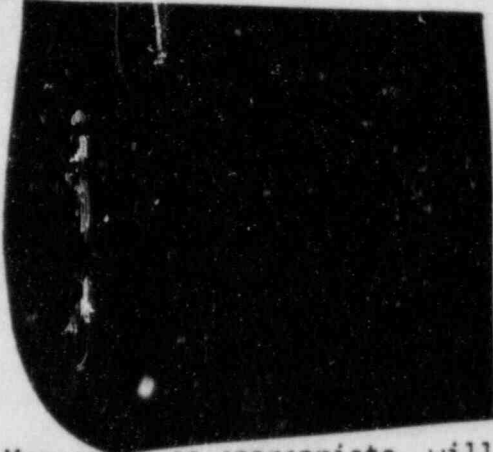


LIBERTY RETAIL OFFICE
LAYOUT


DUKE POWER COMPANY CRISIS MANAGEMENT PLAN
OCONEE NUCLEAR STATION BACKUP CMC



MCGUIRE NUCLEAR STATION
 WESTINGHOUSE EMERGENCY ORGANIZATION
 EMERGENCY RESPONSE PLAN SITE RESPONSE TEAM

<u>Title</u>	<u>Name</u>	<u>Beeper #</u>	<u>Office</u>	<u>Home</u>
SRT Leader	Dave Woodward			
1st Alternate	Bernie Haertjens			
2nd Alternate	Pat Walker			
Operations Support	Jim Evans			
1st Alternate	Jeffrey B. Simon			
2nd Alternate	John E. Hevlon			
Health Physics Support	Jim Flanigan			
1st Alternate	Craig Wilson			
2nd Alternate	John Muskanick			

One of the following Operating Plant Regional Managers, as appropriate, will accompany the SRT to the affected site:

		<u>Beeper #</u>	<u>Office</u>	<u>Home</u>	<u>HHL</u>
Mid-South Area Mgr.	Bob Howard				
1st Alternate	Joe Leblang				
2nd Alternate	Dave Richards				

NOTE: Unless indicated otherwise, all phone numbers are area code 412.

OCONEE NUCLEAR STATION
BABCOCK AND WILCOX EMERGENCY ORGANIZATION

	<u>TITLE OR FUNCTION</u>	<u>NAME</u>	<u>OFFICE</u>	<u>HOME</u>
1.	Service Manager	J. G. Brown		
2.	Resident Engineer	B. W. Street		
3.	Resident Engineer	L. H. Williams		

CRISIS MANAGEMENT TELEPHONE NUMBERS

1. General Office Numbers

a. Support Group Offices

Design & Construction

Offsite Radiological Manager

Nuclear Engr. Services

Administration/Logistics -

Nuclear Tech. Services

b. Recovery Manager's Office (WC10/10)

Recovery Manager/Scheduling and Planning

Nuclear Engineering Services

News Director

Administration/Logistics

Design & Construction

Nuclear Technical Services

Offsite Radiological Support
(Offsite Notification Coordinator)

2. Oconee Nuclear Training Facility Numbers

Direct
Bell Line

ONS Switchboard
ext. first dial
882-5363

Recovery Manager

Design & Construction

Nuclear Engineering Services

Nuclear Technical Services

Offsite Radiological Manager

Administration/Logistics

Scheduling/Planning

NOTE: A complete list of Crisis Management telephone numbers can be found in Implementing Procedures CMIP-9 and CMIP-10 of the Duke Power Company Crisis Management Plan, Implementing Plans. An updated copy will be kept in EC3/32.

DESIGN & CONSTRUCTION SUPPORT GROUP

DISTRIBUTION LIST - CRISIS MANAGEMENT PLAN

<u>COPY NUMBER</u>	<u>INDIVIDUAL</u>
19	B. J. Dolan
20	T. F. Wyke
21	L. R. Barnes
22	S. B. Hager
23	T. C. McMeekin
77	R. B. Priority
81	C. D. Jennings
82	C. D. Jennings

CRISIS MANAGEMENT PLAN
IMPLEMENTING PLANS
CMIP-7- Nuclear Technical Services Group

Rev. 15

Nov. 30, 1984

TABLE OF CONTENTS

	<u>Page</u>
I. SCOPE	1
II. FUNCTIONAL RESPONSIBILITY	2
III. GROUP ACTIVATION	18
IV. FACILITIES, EQUIPMENT, AND RESOURCES	20
V. LONG RANGE RECOVERY FUNCTIONS	24
VI. PROCEDURE REFERENCE.....	25
VII. TABLES	
1. Organization Chart	
2. Group Personnel - Work & Home Phone Numbers	
3. "Call Tree" - Technical Services Support Section	
4. "Call Tree" - Offsite Rad. Coord. Section	
5. Emergency Activation Message	

I. SCOPE

The Nuclear Technical Services Group is responsible for providing support to the Recovery Manager in matters relating to on-site and off-site radiological conditions, radwaste management, and chemistry.

The Group is divided into two sections. The Technical Services Support Section provides health physics, radwaste, and chemistry technical support to the station in analysis of problems that arise inplant. The Off-Site Radiological Support Section is responsible for off-site activities/assessments including dose assessment, off-site radiation monitoring, radiological lab analysis, and liaison with state/local government agencies.

The main objective of the Technical Services Support 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. Review all outside recommendations to protect plant from outside interference.

The Off-Site Radiological Support Section of the Group is responsible for:

1. Determining projected and actual doses to the public.
2. Determining environmental effects.
3. Advising the Nuclear Technical Services Manager of any recommendations for public protective actions in accordance with EPA Protective Action Guides.

II. FUNCTIONAL RESPONSIBILITY

The Nuclear Technical Services Group is displayed in Table 1. Table 2 lists the home and office telephone numbers for the group.

A. Nuclear Technical Services Manager

Reports to: Recovery Manager

Supervises: Technical Services Support Staff;
Off-Site Radiological Manager & Staff

Basic Function:

Coordinates the Health Physics, Chemistry and Radwaste and Off-Site Assessment activities in support of the emergency management effort.

Primary Responsibilities:

1. Direct the activities of the Technical Services Support Staff in the development and implementation of plans and procedures to minimize radiation exposure and off-site releases.
2. Assure the Technical Services Support and Off-site Radiological Support Staffs are adequately staffed and equipped to respond in a timely fashion.
3. Assure that Technical Services Support and Off-Site 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. Nuclear Engineering Services 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 Manager concerning off-site sampling programs, dose assessments, and radiation protection programs.
5. Scheduling/Planning Manager regarding planned and scheduled activities of the Technical Services Support Section.

B. Technical Services Support Director

Reports to: Nuclear Technical Services Manager

Supervises: Technical Services Support Staff

Basic Functions:

Defines, directs, and coordinates efforts of staff and advises Nuclear Technical Services Manager with regard to on-site radiological and chemistry conditions and the need for any action.

Primary Responsibilities:

1. Direct the activities of the Technical Services Support Staff.
2. Advise Nuclear Technical Services Manager of results and recommendations of Technical Services Support Staff.
3. Advise Nuclear Technical Services manager of existing and potential radiological conditions in the plant.

Principle Working Relationships:

1. Nuclear Technical Services Manager regarding activities or recommendations of the Technical Services Support Section.
2. Scheduling/Planning Manager regarding the implementation of Technical Services Support activities.

C. Resources Coordinator

Reports to: Technical Services Support Director

Basic Function:

To assist the Technical Services Support Director in all areas of responsibility and assure that activities are adequately staffed and equipped to respond in a timely fashion.

Primary Responsibilities:

1. Assist the Technical Services Support Director in the direction and scheduling of activities.
2. Obtain personnel and equipment as needed.

Primary Working Relationships:

1. Technical Services Support Director, Health Physics Coordinator, Radwaste Coordinator, and Chemistry Coordinator regarding personnel, equipment and supplies.
2. Administration and Logistics Manager regarding personnel, equipment, and supplies procurement and storage until needed.

D. Health Physics Coordinator

Reports to: Technical Services Support Director

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. Directs the Health Physics staff.
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 decontami-

nation 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.

E. Radwaste Coordinator

Reports to: Technical Services Support Director

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. Direct the Radwaste staff.
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 Manager and Station Health Physicist regarding the magnitude of off-site releases and affects of waste processing of off-site releases.
2. Nuclear Engineering Services Group 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. Health Physics Coordinator regarding specialized procedures or equipment to be used to reduce radiation exposures to personnel during radwaste sampling and processing.
6. Station Health Physicist regarding off-site shipments of radioactive wastes.

F. Chemistry Coordinator

Reports to: Technical Services Support Director

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 evaluate the chemistry (dissolved gases, boron, and pH) of reactor coolant; to evaluate the containment hydrogen levels; and to reduce airborne radioactive iodine levels by chemical treatment.

Primary Responsibilities:

1. Direct the chemistry staff.
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 Nuclear Engineering Services Group 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 Nuclear Engineering Services 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.

G. Off-Site Radiological Manager

Reports to: Nuclear Technical Services Manager

Supervises: Off-Site Radiological Support Staff

Basic Functions:

Defines, directs, and coordinates efforts of staff, coordinates with State and local emergency operations centers, and advises Nuclear Technical Services Manager with regard to off-site radiological conditions and need for emergency action off-site. Located at Crisis Management Center.

Primary Responsibilities:

1. Direct the activities of the Off-Site Radiological Support 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 Nuclear Technical Services Manager in off-site radiological matters.
3. Review staff results and recommendations and draw conclusions concerning off-site radiological conditions.
4. Advise Nuclear Technical Services Manager of existing and potential radiological conditions and recommend protective measures.

Principal Working Relationships:

1. Technical Support Center personnel & Nuclear Technical Services Manager regarding status of actual 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. Federal agencies regarding off-site conditions.
6. Arrange for radiological surveillance by airborne monitoring teams.

H. Field Monitoring Coordinator

Reports to: Off-Site Radiological Manager

Supervises: Field Monitoring Crews

Basic Functions:

Directs efforts of crews to obtain required field measurements and environmental samples. Advises Off-Site Radiological Manager of results of field measurements. Located in Crisis Management Center.

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 Manager.

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.

I. Laboratory Analyses Coordinator

Reports to: Off-Site Radiological Manager

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 Manager (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 Manager (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 analyses will identify the radionuclides present in the samples and will quantify the activity of each radionuclide identified. As analysis results are obtained, they will be transmitted by telephone or radio to the Off-Site Radiological Manager and Dose Assessment Coordinator for use in determining the radiological status of the environment.

In the event of an accident, the ERL would go to a 24-hour operation. There will be two shifts with each shift manned by the LAC or his alternate, two of the three technicians regularly assigned to the ERL, or one of the 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 will also be alternate technicians available from the Chemistry Group if the need arises.

The ERL will receive its samples from the field Monitoring Teams. The Field Monitoring Coordinator will be responsible for ensuring samples are delivered to the ERL. All liquid samples should be at least one gallon. Air volumes or meter readings from its air sampler must be included with each air filter/cartridge sample. Vegetation samples should weigh approximately one kilogram (2 lb.). Soil samples should fill a one liter bottle. All samples will be well labeled as to the sample type, collection location, and date/time.

All samples received by the ERL will be gamma analyzed using the Nuclear Data 6620 and gamma detectors. High priority samples will be counted first. Counting times for the gamma analysis will vary according to the sample type, sample volume and activity level. The counting time for a sample could be as short as 10 minutes for a sample with a large volume and high activity in respect to natural radiation, to as long as several hours for a sample with a small volume and relatively low activity.

Samples will be prepared for gamma analysis according to Procedure ER/O/B/2300/01, Preparation of Samples for Gamma Analysis. Gama analyses will be performed according to Procedure ER/O/B/4100/04, Operation of the Nuclear Data 6600 Computer-Based Gamma Analysis System.

Those samples that require gross alpha/beta and/or low-level iodine analyses will be prepared for analysis according to Procedure ER/O/B/2300/02, Preparation of Samples for Alpha and Beta Analysis and Procedure ER/O/B/2300/03, Preparation of Samples for Low-Level Iodine Analysis respectively. Alpha, beta and low-level iodine analyses will be performed according to Procedure

ER/O/B/4100/06, Operation of the Tennelec LB 5100 Low Background Alpha/Beta Counting System. Sample preparation and count time will vary from ~8-20 hours.

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 ORM for his use.

J. Dose Assessment Coordinator

Reports to: Off-Site Radiological Manager

Supervises: NA

Basic Functions:

Performs required dose calculations under direction of ORM and develops radioactive material (contamination) distribution maps. Advises Off-Site Radiological Manager 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. Reviews and compiles results into a concise form and advises Off-Site Radiological Manager.

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

1. 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 Manager 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.

2. Principal Working Relationships

In addition to reporting directly to the Off-Site Radiological Manager 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:

1. Notification of Personnel

In the event of a crisis, the Dose Assessment Coordinator Group will be notified 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 or Catawba, then the MNS/CNS 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 any one 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 or Catawba and the MNS/CNS alternate cannot be reached, the G.O. alternates should be called because they live closer to MNS and Catawba. Regardless of the situation or where it occurs, the primary will be called before any of the alternates are notified.

2. 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 Manager 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.

3. 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 Manager 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.

K. Off-site Notification Coordinator

Functional Responsibilities:

Location/Background Requirements/Basic Function -

There will be two Off-site Notification Coordinators (as a minimum) on each shift, located 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 Off-site Notification Coordinator will be to assist the Off-Site Radiological Manager (ORM) as an individual contributor on any matter which the ORM cannot handle due to priorities.

Responsibilities -

1. 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).
2. Be familiar with site facilities including location of CMC and ORM facilities.
3. Be familiar with the local nuclear station environs, civil defense personnel, and established communications networks.

L. Radio Operator

Reports to: Field Monitoring Coordinator

Supervises: N/A

Function/Responsibilities:

This position provides radio communication support for the Off-Site Radiological Manager and his staff in the field and with supporting agencies.

M. Local Agency Liaison

Reports to: Off-Site Radiological Manager

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 ORM 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 Nuclear Engineering Services. This person can be reached at numbers shown in procedures CMIP-9 and CMIP-10.

III. GROUP ACTIVATION

A. Nuclear Technical Services 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. Technical Services Support Section

Notification will be by the Nuclear Technical Services 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 for Oconee Nuclear Station, W. A. Haller, R. T. Simril, L. P. Moss, J. G. Weinbaum, R. C. Futrell, G. M. Barker, and J. I. Wyant shall proceed to the specified CMC. All other personnel shall report to Wachovia Center room 2390. The Technical Services Support Director will assume the responsibilities of the Group Manager until the nearsite or backup CMC is activated. Notification of an emergency or accident situation at McGuire or Catawba will cause all group personnel to report to WC-2390 except for the Nuclear Technical Services Manager who will report to the Recovery Manager in room WC-1010.

The Station Health Physicist is the person designated for Technical Services Support personnel to obtain information about the incident (sequence of events, present status, apparent causes, etc.)

C. Off-Site Radiological Manager and Group

The ORM will be contacted by the Nuclear Technical Services Manager or designee. The ORM 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 ORM 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 5 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 Manager 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 Technical Services Support Director, the Off-site Radiological Manager, and the alternate managers. The Technical

Services Support Director and the Off-Site Radiological Manager will contact the primary coordinators who will contact their staff as needed. If the Nuclear Technical Services Manager is unable to reach the Technical Services Support Director or the Off-Site Radiological Manager he will contact the primary coordinators in that section.

IV. FACILITIES, EQUIPMENT, AND RESOURCES

A. Facilities - The Nuclear Technical Services 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 Technical Services Support Section will operate out of Wachovia Center 2390. The Off-Site Radiological Manager 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 same 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

For HP Organization: (a) D. T. Parsons
(b) 1 Vendor supplied engineer/
professional

For Oconee: (a) R. L. Clemmer
(b) J. G. Weinbaum
(c) 2 Vendor supplied engineer/
professionals

For Catawba: (a) G. Terrell
(b) 2 Vendor supplied engineer/
professionals

For McGuire: (a) M. D. Thorne
(b) 2 Vendor supplied engineer/
professionals

(3) Dosimetry Service

(a) 1 Technician Oconee or McGuire supplied
(b) 3 Clerks Oconee or McGuire supplied
(c) 2 Clerks Vendor supplied

(4) Training and Respiratory Fitting

(a) 3 Technicians Oconee, Catawba, or McGuire supplied

(5) Instrument Calibration (long term)

(a) 2 Technicians Oconee, Catawba, or McGuire supplied.

b. Radwaste

(1) Coordinator - 1

(2) Planning/Engineering

For Oconee (a) D. L. Vaught
(b) M. S. Terrell

For McGuire (a) D. L. Vaught
(b) D. J. Homce
(c) B. Wood

For Catawba (a) D. L. Vaught
(b) M. S. Terrell
(c) D. J. Homce

(3) Off-site Releases

(a) J. M. Stewart
(b) H. J. Dameron
(c) Jim Thornton

(4) Vendor Interfaces - 1

(a) Vendor Representative

(5) Shipping/Receiving

(a) M. G. Kriss
(b) C. F. Lan
(c) 2 Technicians Oconee or McGuire supplied

c. Chemistry

(1) Coordinator - 1

(2) Sample Collection

(a) 10 Technicians Oconee, Catawba, or McGuire supplied

(b) 7 alternates: P. W. Downing
C. L. Hathcock
W. M. Funderburke
S. Biswas
T. P. Lee
M. Neill
G. Barker

(3) Data Evaluation

(a) R. Clark (Nuclear Engineering Services)
(b) 1 Westinghouse representative for McGuire
(c) 1 B&W representative for Oconee

(4) Special Projects

(a) W. M. Funderburke
(b) C. L. Hathcock
(c) J. C. Morcock
(d) P. W. Downing
(e) S. Biswas
(f) T. P. Lee
(g) M. Neill
(h) G. Barker

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. Technical Services Emergency Kits

Technical Services Emergency Kits are located in Room 2384 of Wachovia Center. Should the near-site CMC at Oconee be activated, these kits will be delivered to the CMC by the Administration and Logistics Group.

Contact personnel will be C. F. Lan or R. B. Baker in Technical Services and Roger Beard or Charles McCoy in Administration and Logistics. (See Table 2-Nuclear Technical Services Group Personnel and Admin. and Logistics Implementing Plan CMIP-4 Appendix B-7.)

V. LONG RANGE RECOVERY FUNCTIONS

The Nuclear Technical Services 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:

Off-site Notification Coordinator

- CMIP-15- "Followup Emergency Messages - Oconee"
- CMIP-16- "Followup Emergency Messages - McGuire and Catawba"

Field Monitoring Coordinator

- CMIP-17 "Crisis Management Center Environmental Monitoring For Emergency Conditions Within The Ten Mile Radius of McGuire Nuclear Station"
- CMIP-18 "Crisis Management Center Environmental Monitoring for Emergency Conditions Within The Ten Mile Radius of Oconee Nuclear Station"
- CMIP-19 "Environmental Monitoring For Emergency Conditions Within The Ten Mile Radius of Catawba Nuclear Station"

Dose Assessment Coordinator

- Oconee Procedures: HP/O/B/1009/10 "Quantifying Releases Through Steam Relief Valves"
- HP/O/B/1009/11 "Releases Via The Vent"
- HP/O/B/1009/14 "Releases Other Than The Vent"
- AP/O/B/1000/07 "Control Room Dose Assessment"
- McGuire Procedures: HP/O/B/1009/06 "Quantifying High Level Releases"
- HP/O/B/1009/08 "Reactor Coolant Leak Inside Containment"
- HP/O/B/1009/09 "Release Via The Vent"
- HP/O/B/1009/10 "Liquid Release"
- HP/O/B/1009/05 "Control Room Dose Assessment"
- Catawba Procedures: HP/O/B/1009/06 "Alternative Method For Dose Rate Calc. Inside Containment"
- HP/O/B/1009/12 "Quantifying Release Through Steam Relief Valves"
- HP/O/B/1009/13 "Releases via The Vent"
- HP/O/B/1000/14 "Liquid Release"
- HP/O/B/1009/15 "Releases Other Than The Vent"
- RP/O/A/1000/11 "Protective Action Recommendations Without the OAC"
- CMC Procedures EDA-1 "Ingestion Pathway Dose Projections"

TABLE 1

NUCLEAR TECHNICAL SERVICES GROUP

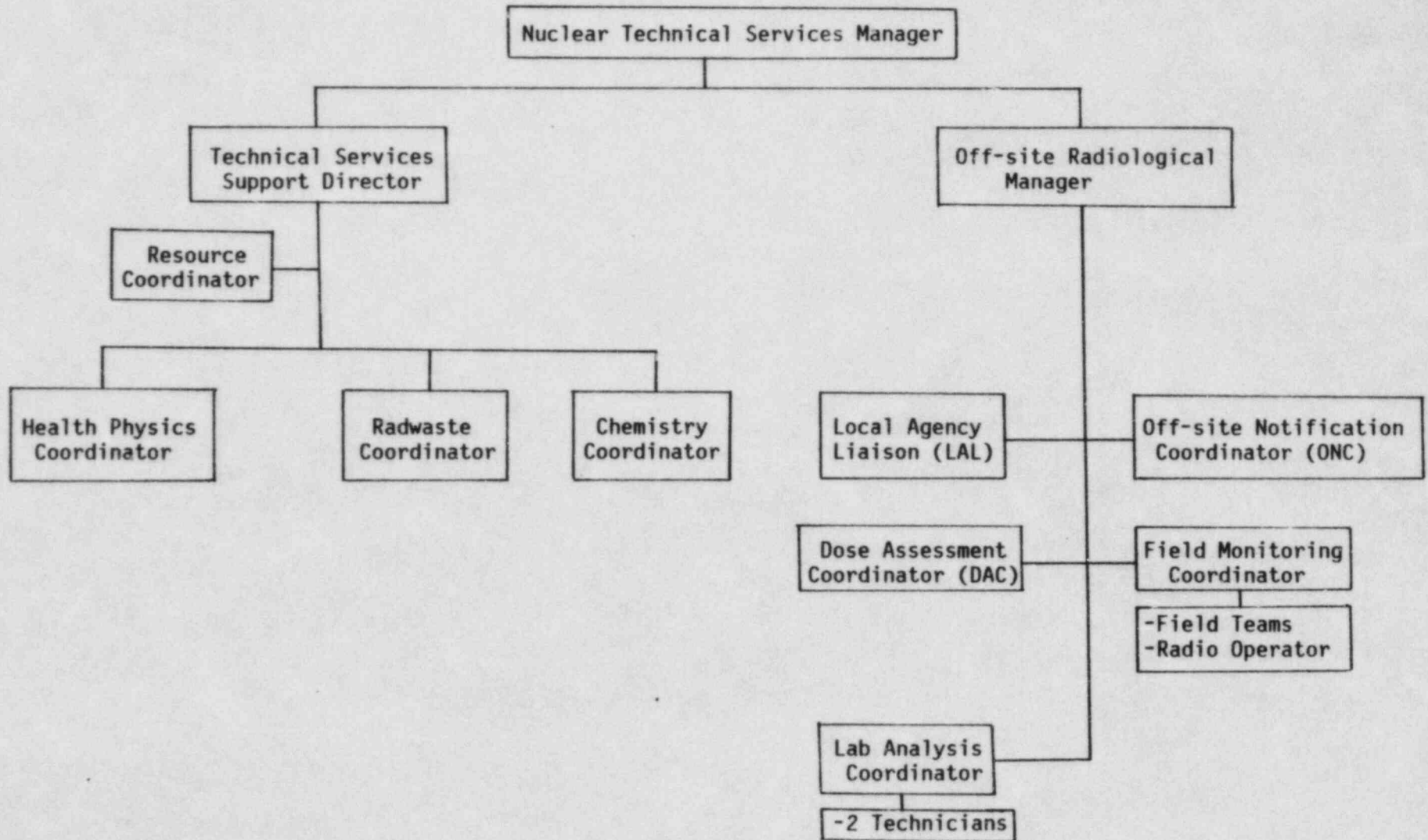


TABLE 2

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

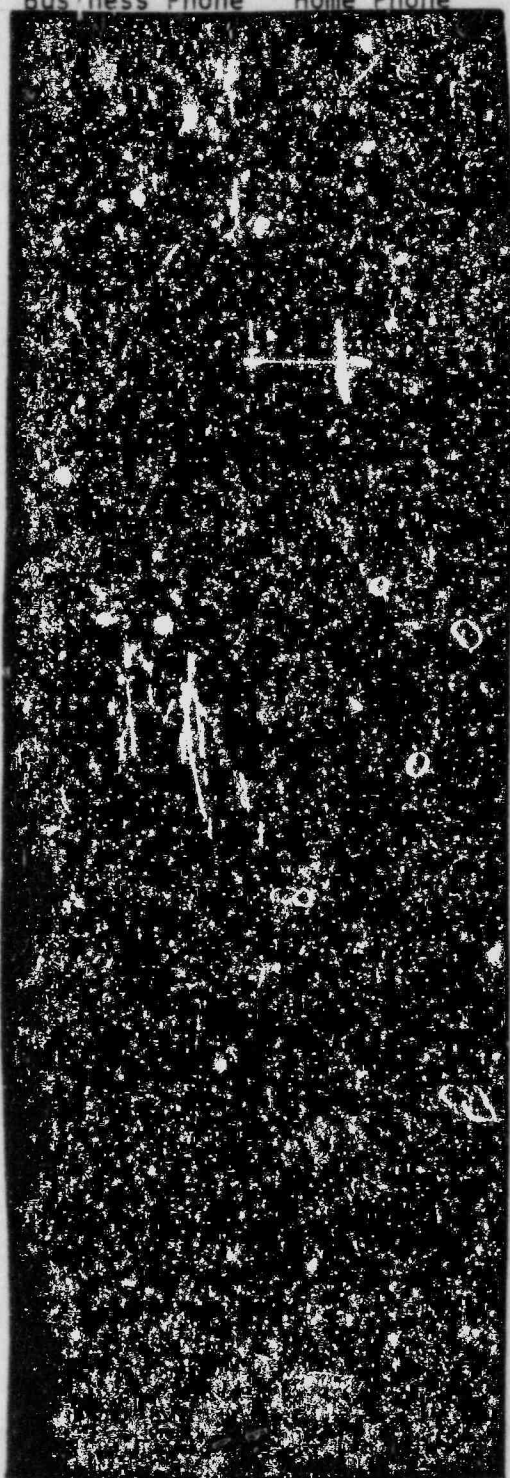
<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Manager	W. A. Haller		
	R. C. Futrell		
	L. Lewis		
Technical Services Support Director	R. T. Simril		
	J. E. Cole		
	J. I. Wyant		
Resource Coordination	R. B. Baker		
	C. L. Thames		
Health Physics Coordinator	D. T. Parsons		
	J. G. Weinbaum		
	G. P. McCranie		
Radwaste Coordinator	M. L. Birch		
	D. L. Vaught		
	R. M. Propst		
	H. J. Dameron		
	M. S. Terrell		
	C. F. Lan		
Chemistry Coordinator	J. M. Stewart		
	R. W. Eaker		
	S. Biswas		
	W. M. Funderburke		
	P. W. Downing		
G. M. Barker			

TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Health Physics Support			
	R. L. Clemmer		
	M. D. Thorne		
	Gary Terrell		
Radwaste Support			
	B. Wood		
	J. Thornton		
	M. G. Kriss		
Chemistry Support			
	C. L. Hathcock		
	J. C. Morcock		
	T. P. Lee		
	M. W. Neil		
Resource Coordination Support			
	J. C. Wimbish		
	L. Moss		
Off-Site Radiological Manager			
Primary:	L. Lewis (All)		
	F. G. Hudson (All)		
Alternates:	W. P. Deal (MNS or ONS)		
	C. T. Yongue (MNS or CNS)		
	T. J. Keane (ONS or CNS)		

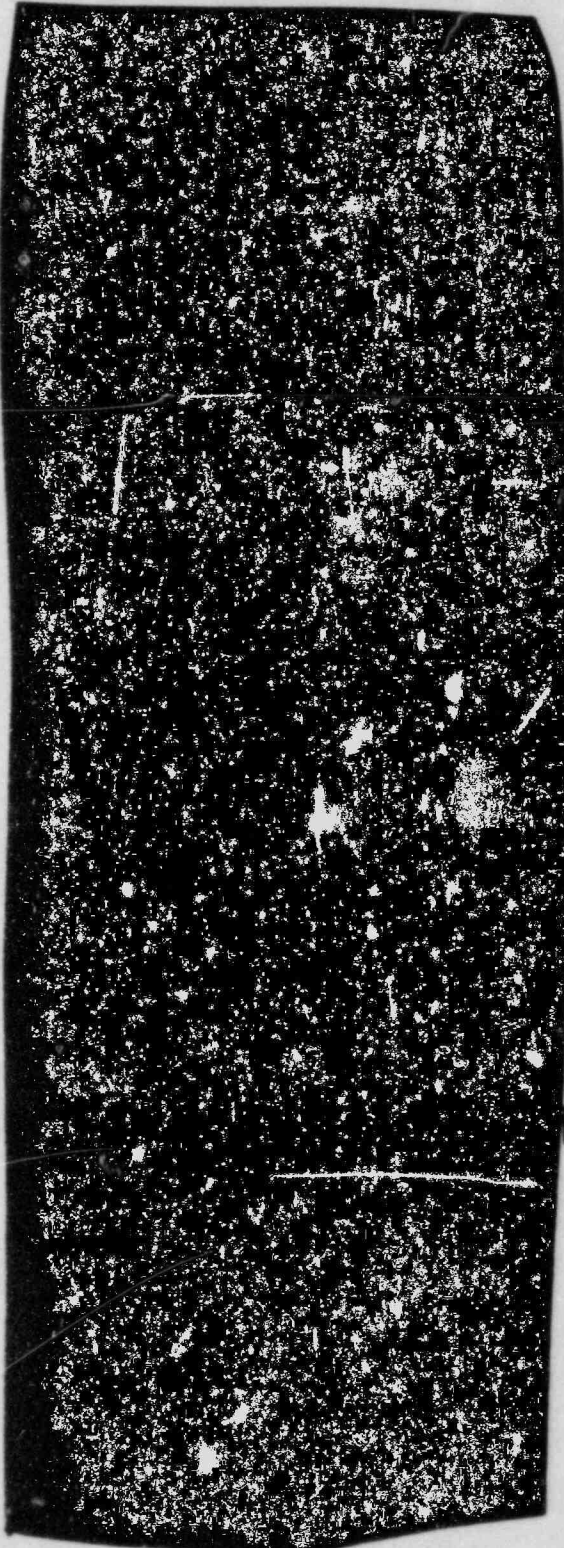


TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

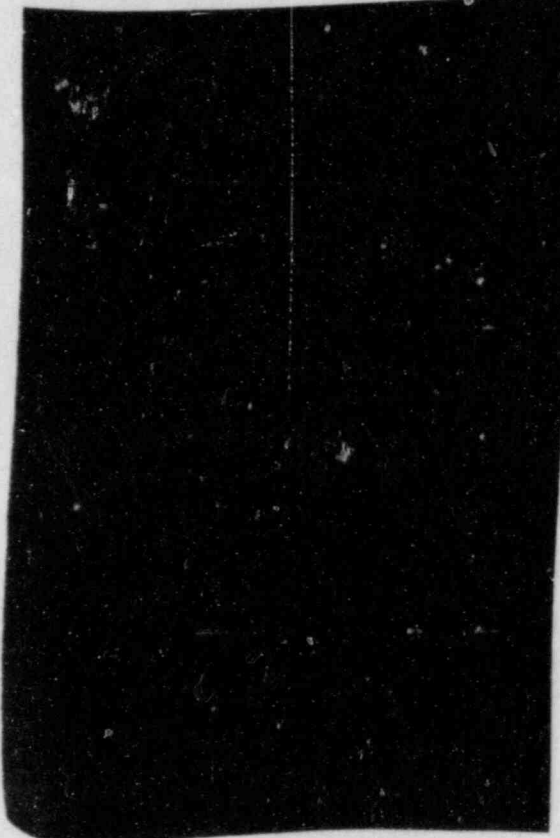
<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Field Monitoring Coordinator			
Primary:	J. M. Ferguson (A11)		
Alternate:	G. Sain (CNS or MNS)		
	C. V. Wray (MNS or ONS)		
	Kevin Murray (CNS or ONS)		
Laboratory Analyses Coordinator			
Primary:	J. S. Isaacson (A11)		
Alternates:	G. T. Mode (ONS or MNS)		
	W. F. Byrum (ONS or CNS)		
Technicians:	B. A. Broadway (A11)		
	Jesse Arias (A11)		
	Linda McDermid (A11)		
Dose Assessment Coordinator			
Primary:	R. E. Sorber (A11)		
	H. D. Brewer (A11)		
	M. J. Geer (A11)		
	L. J. Azzarello (A11)		
Alternates:	D. J. Berkshire (MNS or CNS)		

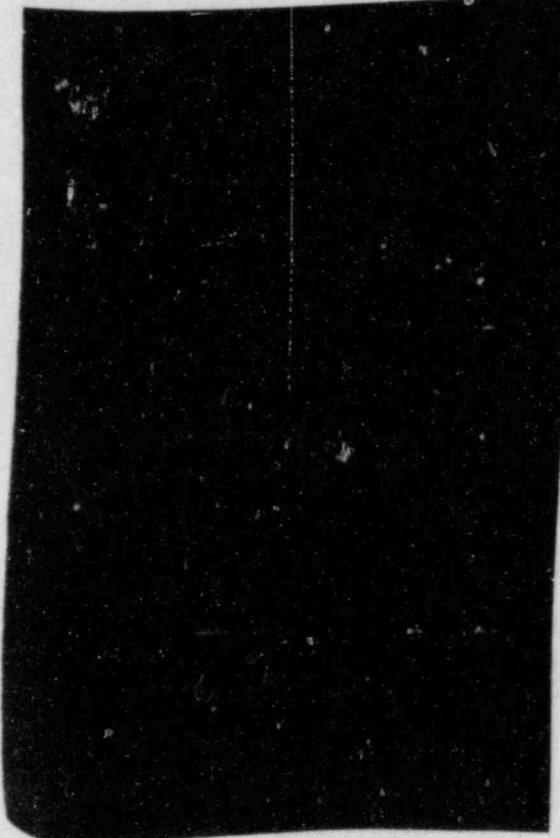
TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
-----------------	-------------	-----------------------	-------------------

Dose Assessment Coordinator (cont'd)

Alternates:	G. L. Courtney (MNS or ONS)		
	S. A. Coy (MNS or CNS)		
	C. L. Harlin (MNS or CNS)		
	R. D. Kinard (MNS or ONS)		
	W. B. McRee (All)		
	P. N. McNamara (ONS or MNS)		
	Cyndi Martinec		

Consultants:	S. T. Apple (All)		
	M. A. Casper (All)		

NOTE: Each shift requires 3 dose assessment staff members.

Off-site Notification Coordinator

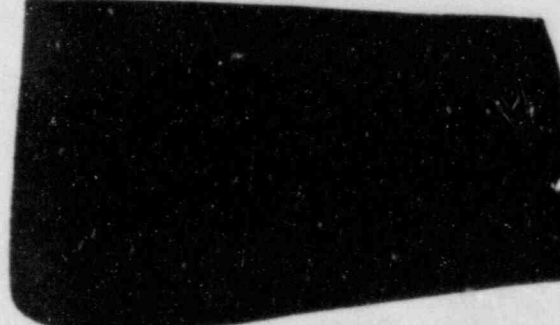
Primary:	S. T. Rose		
	J. Crumpler		
	W. C. Barker		
Alternates:	J. W. Cox (ONS or MNS)		

TABLE 2 (cont'd)

<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Off-site Notification Coordinator (cont'd)			
	F. N. Mack (ONS or MNS)		
	E. Estep (ONS or CNS)		
	R. T. Bond (MNS or CNS)		
Radio Operator			
Primary:	J. Painter		
	S. A. Gewehr		
	R. Ouellette		
Alternates:	R. L. Rivard (ONS or MNS)		
	G. Roach (MNS or CNS)		
	J. Head (MNS or CNS)		
	S. E. LeRoy (ONS or CNS)		
	G. M. Harrison (ONS or CNS)		



TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

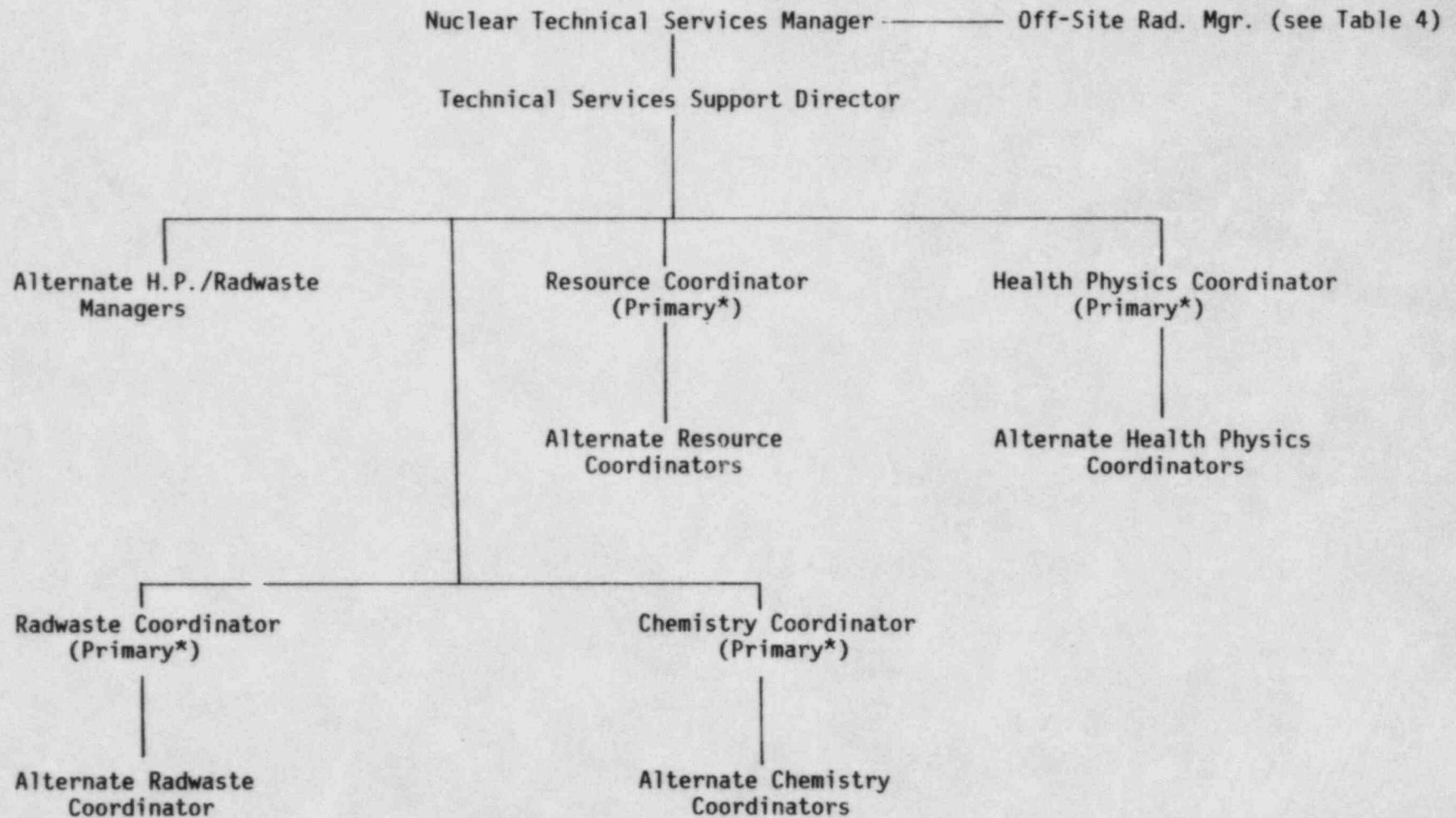
<u>Position</u>	<u>Name</u>	<u>Business Phone</u>	<u>Home Phone</u>
Local Agency Liaison			
Primary:	R. A. Harris (A11)		
Alternate:	W. McDowell		
REACTS -	Karl Hubner		

To obtain helicopter(s) for emergency service contact:

1. D. M. Staggs
2. L. W. Johnson
3. L. M. Whisonant
4. B. A. Turpin

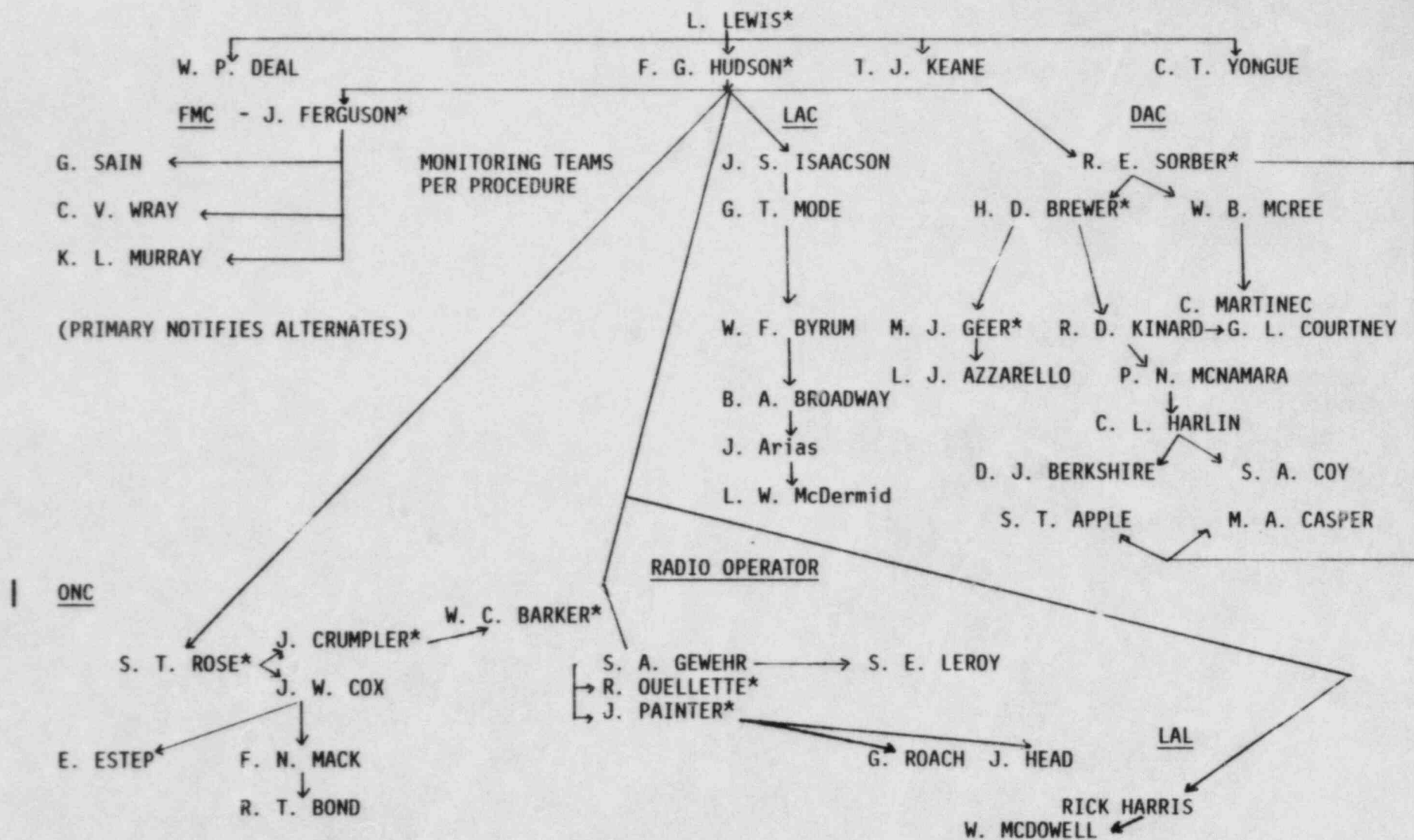
These contacts are in Duke Power Company Transmission Department, Line Division.

TABLE 3 - NUCLEAR TECHNICAL SERVICES "CALL TREE"



*The Nuclear Technical Services 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 Nuclear Technical Services Manager will contact all of the alternates in that area.

TABLE 4 OFF-SITE RADIOLOGICAL SUPPORT "CALL TREE"



*Indicates primary response to the G.O. for McGuire or Catawba emergencies.

Table 5

Crisis Management Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

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 Center 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.

Crisis Management Plan

Implementing Plans

CMIP-8 - Nuclear Engineering Services Group

Rev. 11
Revision Number

Nov. 30, 1984
Date

CMIP-8 - Nuclear Engineering Services Group

Table of Contents

- I. Scope
- II. Functional Responsibility
 - A. Nuclear Engineering Services Manager
 - B. Staff Support
 - C. Administrative Supervisor
 - D. Data Coordinator
 - E. Licensing Support Coordinator
 - F. Systems Analysis Coordinator
 - G. Core Physics Coordinator
- III. Nuclear Engineering Services Group Activation
- IV. Emergency Facilities - Equipment and Resources
- V. Implementation of Facility and Equipment
- VI. Long Range Recovery Functions
- VII. Emergency Conclusion
- VIII. Figures
 - 1. CMC Emergency Activation Message
 - 2. Group Telephone List
 - 3. Long Range Recovery Support
 - 4. Equipment Location Checklist
 - 5. Organizational Chart
 - 6. Generating Station Support - Catawba
 - 7. Generating Station Support - McGuire
 - 8. Generating Station Support - Oconee
 - 9. Westinghouse Emergency Response Plan Site Team

I. SCOPE

The Nuclear Engineering Services Group provides support to the Recovery Manager in matters relating to maintenance, licensing, core analysis, and systems analysis.

II. FUNCTIONAL RESPONSIBILITY

A. NUCLEAR ENGINEERING SERVICES MANAGER

Reports To: Recovery Manager

Supervises: Nuclear Engineering Services Staff functions of System Analysis, Core Physics Support, Licensing Support, Procedures Support and the Data Facility. (See Figure 5)

Basic Functions:

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.

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.
5. Provide recommendations to the Recovery Manager for off-site protective actions based on conditions in the core and containment.

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: Nuclear Engineering Services Manager

Supervises: N/A

Basic Functions:

Planning, scheduling, and directing internal to the Nuclear Engineering Services Group.

Primary Responsibilities:

Planning, scheduling and directing assignments made within the Nuclear Engineering Services Organization as required.

Principle Working Relationships:

1. Nuclear Engineering Services Manager regarding critical technical problem assignments.
2. All Nuclear Engineering Services Group Coordinators/Supervisors regarding planning, scheduling and directing assignments within the Nuclear Engineering Services Group.
3. Scheduling/Planning Manager regarding the scheduling of Emergency Response objectives within the Nuclear Engineering Services Group.

C. NUCLEAR ENGINEERING SERVICES ADMINISTRATIVE SUPERVISOR

Reports To: Nuclear Engineering Services Manager

Supervises: Administrative personnel in the Nuclear Engineering Services Group

Basic Functions:

Supervises the Nuclear Engineering Services Group clerical personnel and coordinates the Nuclear Engineering Services 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 Nuclear Engineering Services Group.
2. Coordinates with the Admin/Log. Group the Nuclear Engineering Services Group needs for skilled support personnel to staff the various Group functions.
3. Coordinates with the Admin/Log. Group the Nuclear Engineering Services Group needs for additional work space, communications, equipment, office supplies, office equipment, etc.

Principle Working Relationships:

1. Nuclear Engineering Services Manager and all Nuclear Engineering Services Coordinators regarding administrative support needs and staffing needs.
2. Admin/Log. Manager regarding filling of the Nuclear Engineering Services Group administrative needs and staffing needs.

D. DATA COORDINATOR

Reports To: Nuclear Engineering Services 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: Nuclear Engineering Services 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 Nuclear Engineering Services 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 COORDINATOR

Reports To: Nuclear Engineering Services 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. Nuclear Engineering Services Manager and Recovery Manager regarding recommendations on how to contend with systems and equipment problems.

G. CORE PHYSICS COORDINATOR

Reports To: Nuclear Engineering Services 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 affect safer core conditions.

Principle Working Relationships:

1. Shift Supervisor regarding approved plant operations to affect safer core conditions.
2. Nuclear Engineering Services Manager and Recovery Manager regarding proposed plant operations to affect safer core conditions.
3. NSSS Supplier regarding all activities.

III. NUCLEAR ENGINEERING SERVICES GROUP ACTIVATION

1. Once an event has occurred requiring activation of the Crisis Management Center, the Nuclear Production Duty Engineer will contact the Nuclear Engineering Services Manager.
2. The Nuclear Engineering Services 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 Nuclear Engineering Services Group will be in the Wachovia Center, Room 1704, unless otherwise noted on initial callout.

IV. EMERGENCY FACILITIES - EQUIPMENT AND RESOURCES

A. Facilities - The Nuclear Engineering Services 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 Nuclear Engineering Services 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 same 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 Nuclear Engineering Services 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 Nuclear Engineering Services 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 Nuclear Engineering Services Group is supplied in the Crisis Management Plan and in Part II of the Nuclear Engineering Services 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 Nuclear Engineering Services Group is no longer needed, the Nuclear Engineering Services 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 Center (CMC)
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 of the Crisis Management Plan. The Duty Engineer contacts the Recovery Manager with that information. If the CMC is to be activated, the Duty Engineer uses this format to contact at least one person from each Crisis Management Center group. Each group in the CMC uses this format to alert its members.

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 Center 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

NUCLEAR ENGINEERING SERVICES GROUP
Telephone List

<u>Position</u>	<u>Name</u>	<u>Office</u>	<u>Home</u>
Manager	K. S. Canady	[REDACTED]	[REDACTED]
	R. M. Koehler		
	H. T. Snead		
Administrative Supervisor	J. W. Simmons	[REDACTED]	[REDACTED]
	J. A. Reavis		
Data Coordinator	G. P. Horne	[REDACTED]	[REDACTED]
	R. C. Pacetti		
	M. F. Simpson		
	G. A. Frix		
Licensing Support Coordinator	N. A. Rutherford	[REDACTED]	[REDACTED]
	R. L. Gill (McGuire)		
	R. O. Sharpe (Catawba)		
	P. R. Guill		
System Analysis Coordinator	P. M. Abraham	[REDACTED]	[REDACTED]
	S. D. Alexander		
	R. M. Gribble		
Core Physics Coordinator	R. H. Clark	[REDACTED]	[REDACTED]
	L. H. Flores		
	J. H. Randles		
	R. P. Wood		
	J. L. Eller		
Staff Support	H. J. Lee	[REDACTED]	[REDACTED]
	S. P. Nesbit		
	J. F. Norris		

Figure 3

LONG RANGE RECOVERY SUPPORT

Data Coordinator

R. David Deese
J. W. Zweig
Sarah Lee

System Analysis

G. B. Swindlehurst
Bob Breen (NSAC)
Richard P. Potekhen (B&W)
R. S. Howard (W)

Licensing

I. Ratsep (W)
Richard P. Potekhen (B&W)

Office

Home

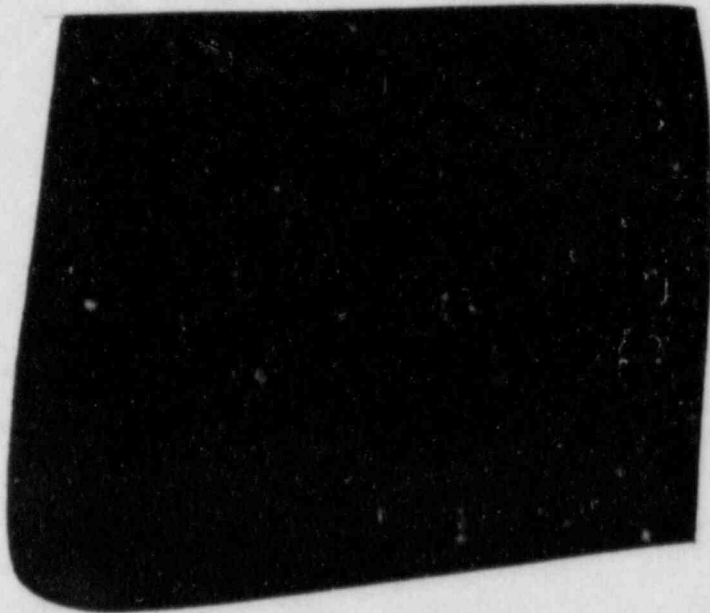


Figure 4

NUCLEAR ENGINEERING SERVICES 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		
_____ CM Cabinet Key	Room 1723	Key Box (Sue's Desk)	
_____ CM Task Material (Book)	Room 1704	(Cabinet)	
_____ CM Phones	Room 1704	(Cabinet)	
_____ CM Wall Charts	Room 1776		

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
Off-site Radiological Manager	Wachovia Center	Room 1222
Recovery Manager	Wachovia Center	Room 1010

Figure 5

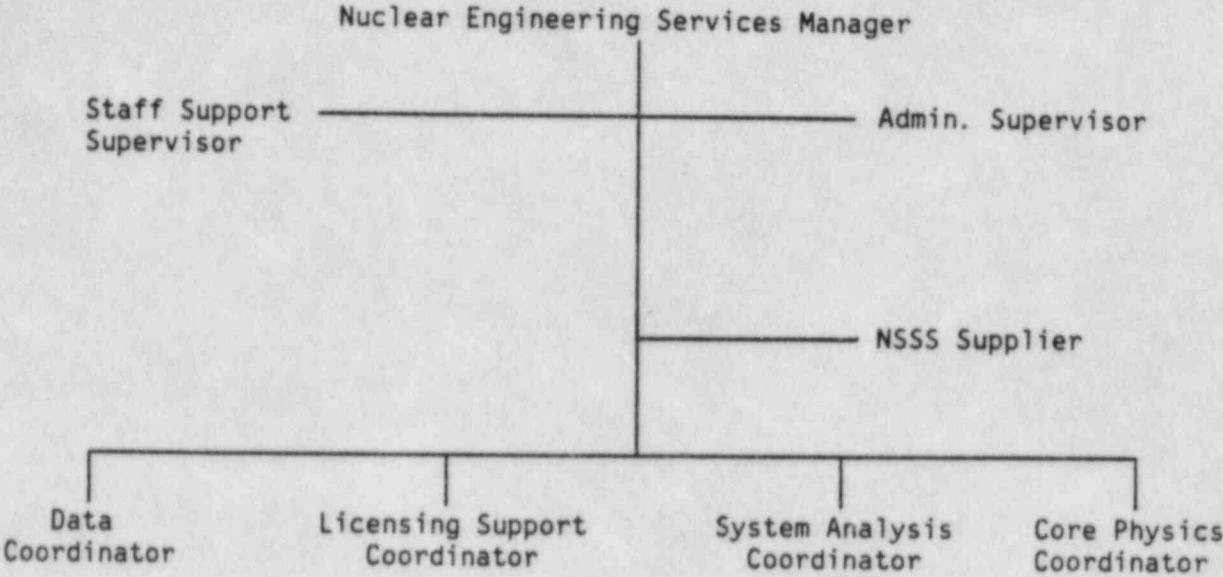


Figure 6

Transmission Department
Substation Division
PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
CATAWBA NUCLEAR STATION
GENERATING STATION SUPPORT SECTION

First, call	Office	Home
Jeff Ashe (Jeff)		

For trouble on any equipment for which the Substation Division is responsible, if he is not available then call:

For Generators, Motors, Generator Bus

- First - L. M. Simms (Louie)
- Second - Roscoe White (Roscoe)
- Third - H. K. Reid (Hugh)

SUBSTATION MAINTENANCE

For Circuit Breakers, Capacitors, Switchgear

- First - H. L. Thrower (Bill)
- Second - J. G. Nunn (John)
- Third - W. R. Gill (Bill)

For Transformers

- First - J. G. Nunn (John)
- Second - H. L. Thrower (Bill)
- Third - W. R. Gill (Bill)

For Test Crews, Doble and Ground Testing

- First - W. R. Gill (Bill)
- Second - H. L. Thrower (Bill)
- Third - J. G. Nunn (John)

For Metering & Supervisory Control (E-A Recorders, Oscillographs, SER's, AOC & SOC, Analog & Digital Telemetering, Voltmeters, Ammeters & Watthour Meters)

- First - R. D. Clutz (Doug)
- Second - G. W. Simms (George)

For Relaying, (Protective Relays, Carriers, Pilotwire, Batteries & Chargers)

- First - G. W. Simms (George)
- Second - R. D. Clutz (Doug)

If unable to contact persons listed above, call:

- First - F. L. Tatum, Jr. (Lee)
- Second - R. E. Holmes, Jr. (Roy)

SUBSTATION CONSTRUCTION

For Structures, Power Circuits (Bus, Wiring, Insulators, Disconnect Switches, Gang Switches, Circuit Switchers)

- First - J. N. Slayton (Jerry)
- Second - H. N. Smith (Harold)
- Third - J. R. Whitaker (Whit)

Figure 6 (cont'd)

Transmission Department
Substation Division
PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
CATAWBA NUCLEAR STATION

GENERATING STATION SUPPORT SECTION

For Controls

First - Wayne Wilcox (Wayne)

Second - W. J. Potter (Joe)

Third - T. L. Stroupe (Tim)

If unable to contact persons listed above

First - C. W. Wilkins (Windell)

Second - R. H. McCarn (Richard)

Figure 7

Transmission Department
Substation Division
PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
McGUIRE NUCLEAR STATION

GENERATING STATION SUPPORT SECTION

First, call	Office	Home
Cleve Church (Cleve)		

For trouble on any equipment for which the Substation Division is responsible, if he is not available, then call:

For Generators, Motors, Generator Bus

First - L. M. Simms (Louie)
Second - Roscoe White, JR. (Roscoe)
Third - H. K. Reid (Hugh)

SUBSTATION MAINTENANCE

For Circuit Breakers, Capacitors

First - H. L. Thrower (Bill)
Second - J. G. Nunn (John)
Third - W. R. Gill (Bill)

For Transformers

First - J. G. Nunn (John)
Second - H. L. Thrower (Bill)
Third - W. R. Gill (Bill)

For Test Crews

First - W. R. Gill (Bill)
Second - H. L. Thrower (Bill)
Third - J. G. Nunn (John)

For Metering & Supervisory Control

First - R. D. Clutz (Doug)
Second - G. W. Simms (George)

For Relaying, Batteries and Chargers

First - G. W. Simms (George)
Second - R. D. Clutz (Doug)

If unable to contact persons listed above, call:

First - F. L. Tatum, (Lee)
Second - R. E. Holmes, Jr. (Roy)

SUBSTATION CONSTRUCTION

For Structures, Power Circuits (Bus, Wiring, Insulators, Disconnect Switches, Gang Switches, Circuit Switchers)

First - J. N. Slayton (Jerry)
Second - H. N. Smith (Harold)
Third - J. R. Whitaker (Whit)

Figure 7 (cont'd)
Transmission Department
Substation Division
PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
MCGUIRE NUCLEAR STATION
GENERATING STATION SUPPORT SECTION

For Controls

First - Wayne Wilcox (Wayne)
Second - W. J. Potter (Joe)
Third - T. L. Stroupe (Tim)

If unable to contact persons listed above, call

First - C. W. Wilkins (Windell)
Second - R. H. McCarn (Richard)

Figure 8

Transmission Department
Substation Division
PERSONNEL TO BE CALLED IN CASE OF TROUBLE AT
OCONEE NUCLEAR STATION

GENERATING STATION SUPPORT SECTION

First, call

Office

Home

Gary Edens (Gary)

For trouble on any equipment for which the Substation Division is responsible, if he is not available, then call the appropriate person listed below:

For Generators, Motors, Generator Bus

First - L. M. Simms (Louie)
Second - Roscoe White (Roscoe)
Third - H. K. Reid (Hugh)

SUBSTATION MAINTENANCE

For Relays (Protective Relays, Carriers, Pilotwire, Batteries and Chargers)

First - H. D. Fields (Doug)
Second - C. D. Wilson (Donnie)
Third - F. M. Horton (Fay)

For Metering (E-A Recorders, Oscillographs, SER's, AOC & SOC, Analog & Digital Telemetering, Voltmeters, Ammeters, Watthour Meters) and Supervisory Control

First - C. D. Wilson (Donnie)
Second - H. D. Fields (Doug)
Third - F. M. Horton (Fay)

For Power Apparatus (Circuit Breakers, Transformers, Capacitors, Switchgear, Doble and Ground Testing)

First - F. M. Horton (Fay)
Second - H. D. Fields (Doug)
Third - C. D. Wilson (Donnie)

If unable to contact persons in Substation Maintenance listed above, call

First - C. J. Petty, Jr. (Jenks)
Second - R. E. Holmes, Jr. (Roy)

SUBSTATION CONSTRUCTION

For Structures, Power Circuits (Bus, Wiring, Insulators, Disconnect Switches, Gang Switches, Circuit Switchers)

First - C. C. Allred (Carl)
Second - B. L. Rosa ("Yank")
Third - J. A. Hawkins ("Red")
Fourth - J. R. Woodruff (John)

For Controls

First - C. C. Allred (Carl)
Second - M. E. Ramsey (Mike)
Third - Wayne Wilcox (Wayne)

If unable to contact persons listed above, call

First - T. L. Stroupe (Tim)
Second - C. W. Wilkins (Windell)
Third - R. H. McCarn (Richard)

Figure 9

WESTINGHOUSE PROPRIETARY CLASS 2
EMERGENCY RESPONSE PLAN SITE RESPONSE TEAM

<u>Title</u>	<u>Name</u>	<u>Beeper #</u>	<u>Office</u>	<u>Home</u>
SRT Leader	Dave Woodward			
1st Alternate	Bernie Haertjens			
2nd Alternate	Pat Walker			
Operations Support	Jim Evans			
1st Alternate	Jeffrey B. Simon			
2nd Alternate	John E. Hevlon			
Health Physics Support	Jim Flanigan			
1st Alternate	Craig Wilson			
2nd Alternate	John Muskanick			

One of the following Operating Plant Regional Managers, as appropriate, will accompany the SRT to the affected site:

		<u>Beeper #</u>	<u>Office</u>	<u>Home</u>	<u>HHL</u>
New England Area Mgr.	Steve Swigart				
1st Alternate	George Dillon				
2nd Alternate	Steve Craft				
New York Area Mgr.	Onno Meeuwis				
1st Alternate	George Dillon				
2nd Alternate	Jim Gasperini				
Mid-Atlantic Area Mgr.	John Triggiani				
1st Alternate	George Dillon				
2nd Alternate	Jack Tobin				
Virginia Area Mgr.	Don Beynon				
1st Alternate	Joe Leblang				
2nd Alternate	Dick Kent				
Mid-South Area Mgr.	Bob Howard				
1st Alternate	Joe Leblang				
2nd Alternate	Dave Richards				
Southern Area Mgr.	Dave Richards				
1st Alternate	Joe Leblang				
2nd Alternate	Ken Voytell				
Alabama Power Company Mgr.	John Miller				
1st Alternate	Joe Leblang				
2nd Alternate	Lonnie Benson				
Central Area Mgr.	Bill Johnson				
1st Alternate	Bob Stokes				
2nd Alternate	Tony Suda				

Figure 9 (cont'd)

WESTINGHOUSE PROPRIETARY CLASS 2
EMERGENCY RESPONSE PLAN SITE RESPONSE TEAM

<u>Title</u>	<u>Name</u>	<u>Beeper #</u>	<u>Office</u>	<u>Home</u>
Mid-West Area Mgr.	Ed Somers			
1st Alternate	Bob Stokes			
2nd Alternate	Chuck Rowland			
Western Area Mgr.	Gil Kubancsek			
1st Alternate	Bob Stokes			
2nd Alternate	Dave Campbell			

NOTE. Unless indicated otherwise, all phone numbers are area code

DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE CMIP-9

OCONEE NUCLEAR STATION-CRISIS
TELEPHONE DIRECTORY

Rev. 8
Nov. 30, 1984

EMERGENCY TELEPHONE NUMBERS

This enclosure provides a listing of telephone numbers for various personnel and agencies that may have a part in dealing with an emergency situation or providing other assistance as needed at Oconee Nuclear Station.

EMERGENCY TELEPHONE NUMBERS

This directory provides a listing of telephone numbers for various personnel and agencies that may have a part in dealing with an emergency situation or providing other assistance as needed at Oconee Nuclear Station.

TABLE OF CONTENTS

NOTIFICATION OF AGENCIES, CRISIS MANAGEMENT TEAM, KEY COMPANIES . . .	1 - 5
EMERGENCY FACILITY LOCATIONS	6
OCONEE TELEPHONE ACCESS CODES	7
TECHNICAL SUPPORT CENTER	8 - 10
OPERATIONAL SUPPORT CENTER	9
HEALTH PHYSICS CENTER	8
COMMUNICATIONS COORDINATION	10
EMERGENCY COUNT-ROOM	10
CRISIS MANAGEMENT CENTER	11 - 13
GENERAL OFFICE SUPPORT CENTER	12
BACKUP CRISIS MANAGEMENT CENTER - (Liberty)	13
CRISIS NEWS CENTER	14
NUCLEAR REGULATORY COMMISSION	5
NRC HEALTH PHYSICS NETWORK TELEPHONES	15
DUKE EMERGENCY RADIO	16
EMERGENCY NUMBERS - Pickens County	17
EMERGENCY NUMBERS - Oconee County	18

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 who will notify:
 1. Corporate Communications
 2. Crisis Management Center Organization
3. STATION MANAGER
 - M. S. Tuckman, 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
(Warning Point State of South Carolina)

Bureau of Radiological Health
Answering Service after hours, weekends, holidays

*State Emergency Operations Center, Columbia, S. C.

*Forward Emergency Operations Center, Clemson, S. C.

Alternate Number

*NOTE: These number are to be used once the State
has established their Emergency Operations.

7. COUNTY EMERGENCY PREPAREDNESS AGENCIES

Oconee County Emergency Preparedness
Alternate Number - 24 hour, page
Alternate Number - 24 hour, page

Pickens County Emergency Preparedness
Alternate Number -
Alternate Number - 24 hour, page

8. COUNTY SHERIFF'S DEPARTMENT

Oconee County (24 hours)
Alternate Number

Pickens County (24 hours)
Alternate Number
Alternate Number
Alternate Number

9. MEDICAL ASSISTANCE

Oconee Memorial Hospital Ambulance Service

Oconee Memorial Hospital Switchboard/Supervisor of Nursing.

Additional Medical assistance may be provided through the
following institutions:

Pickens County Ambulance Service

Cannon Memorial Hospital/Supervisor of Nursing

Easley Baptist Hospital/Supervisor of Nursing

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. EMERGENCY COORDINATOR AND ALTERNATES (TSC Activation)

(If the first person cannot be reached, go to the next person down the list until one person is contacted)

Assistant Station Management

Superintendent of Technical Services

- T. S. Barr, Office
- Home

Superintendent of Maintenance

- J. M. Davis, Office
- Home

Superintendent of Operations

- J. N. Pope, Office
- Home

Operations Duty Engineer

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 - Police (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 THE OCONEE NUCLEAR STATION

LAW ENFORCEMENT (24-hour numbers)

- S. C. Highway Patrol (Greenville, S. C.)
- S. C. Enforcement Division (Columbia, S. C.)
- FBI (Columbia, S. C.)

BOMB DISPOSAL

Explosives Ordinance Disposal Control (24-hour)
(Fort Jackson, Columbia, S. C.)

RADIATION AND CONTAMINATION

REACTS, Department of Energy (Oak Ridge, Tennessee)
(24 hr. number - after 1700 ask for Beeper number) . . .

DOE Emergency Radiological Monitoring Team (Aiken, S. C.) . . .

N. C. Division of Emergency Management
(Warning Point - State of North Carolina)

Georgia Department of Natural Resources
Environmental Radiation Program
(Warning Point - State of Georgia)

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
Health Physics Network to NRC, Region II

US NRC, Region II

US NRC, Region II (Operations Center)

US NRC, Oconee Resident Inspectors

Jack Bryant Home

BUS TRANSPORTATION

Anderson Retail Office (24 hour number)
(Contact John Holland, Jerry Whitfield)

NATIONAL WEATHER SERVICE - METEOROLOGICAL BACK-UP SOURCE

Greenville-Spartanburg Weather Service . . . (24 hour) . . .

FEDERAL AERONAUTICS AGENCY

PRIVATE AIRCRAFT

Flight Standards District Office

Flight Service Station (After hours, weekends, holidays) . . .

MILITARY AIRCRAFT

Air Station Mgr. (Shaw AF Base)

OCONEE NUCLEAR STATION
CRISIS COMMUNICATIONS DIRECTORY

The crisis directory is intended for use should the Oconee Emergency Plan require implementation. Both station and corporate level telephone numbers are provided. The station's emergency organization will operate from the Technical Support Center near the Units 1 and 2 Control Room. The corporate emergency organization will operate from the Crisis Management Center located in the Visitors Center and Oconee Training Center.

EMERGENCY FACILITY LOCATIONS

Technical Support Center - Control Rooms 1 and 2

Operational Support Center - Control Room 3

Crisis Management Center - Oconee Training Center

Alternate Location: Liberty Retail Office

Crisis News Center - Keowee-Toxaway Visitors Center

Alternate Location: Liberty Retail Office

OCONEE NUCLEAR STATION
TELEPHONE DIRECTORY

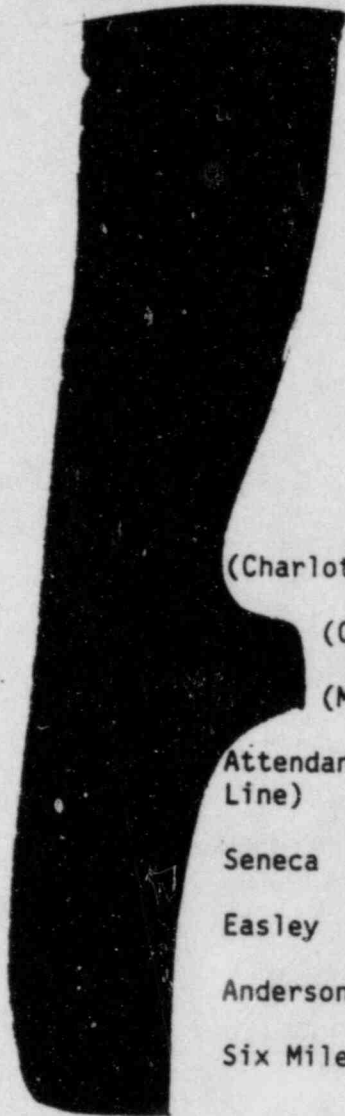
Seneca Lines

Easley Lines

Anderson Line

Six Mile Line

Dial Code
(Micro-Wave)



(Charlotte General Office)

(Catawba)

(McGuire)

Attendant (To access Bell
Line)

Seneca

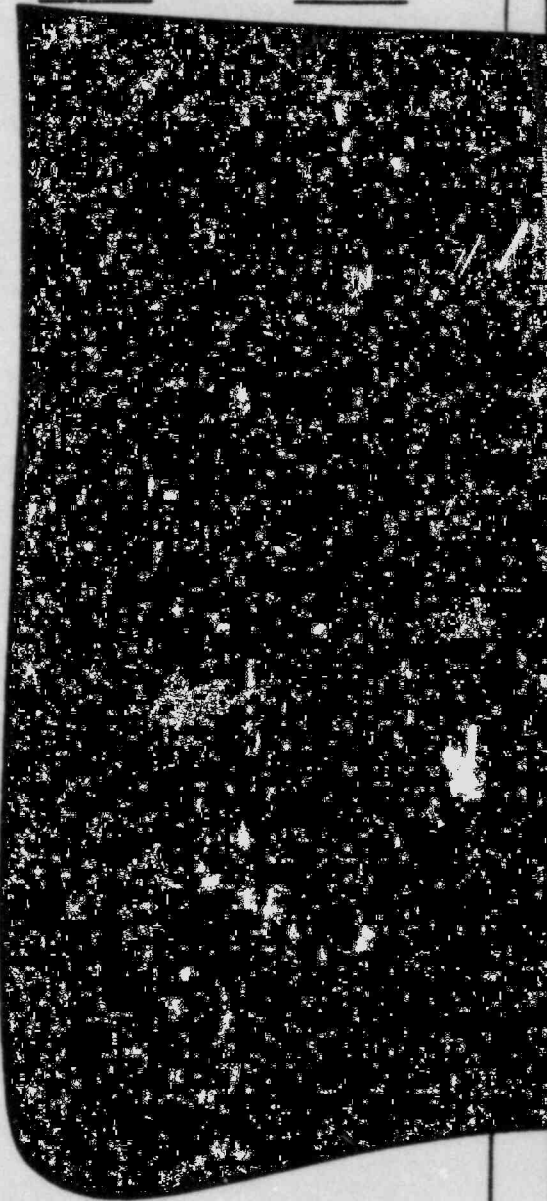
Easley

Anderson

Six Mile

OCONEE NUCLEAR STATION
CRISIS PHONE DIRECTORY
TECHNICAL SUPPORT CENTER

<u>POSITION/NAME</u>	<u>Telephone Number</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 FTS		
B&W Resident Engineer		
Station Health Physicist		
<u>HEALTH PHYSICS CENTER</u>		
Field Monitoring Coordinator		
Data Report Coordinator (Off-Site Dose Projection)		
Dose Coordination to CMC		
FTS Line to NRC		



Telephone Number

Outside
Line

Station
Number

TECHNICAL SERVICES GROUP (Located in Computer Room CR 1&2)

Performance

Compliance

Chemistry

OPERATIONAL SUPPORT CENTER

(Support group consists of Health Physics, Chemistry, Maintenance,
Safety Operations group)

Operational Support Center Coordinator

Mechanical Maintenance Engineer

 Mechanical Maintenance Supervisor

I & E Engineer

 I & E Supervisor

Health Physics Support

 Dose Control

 S & C Coordinator

 Support Function Coordinator

Chemistry Support

Medical Support

OSC Communicator

Operations Group

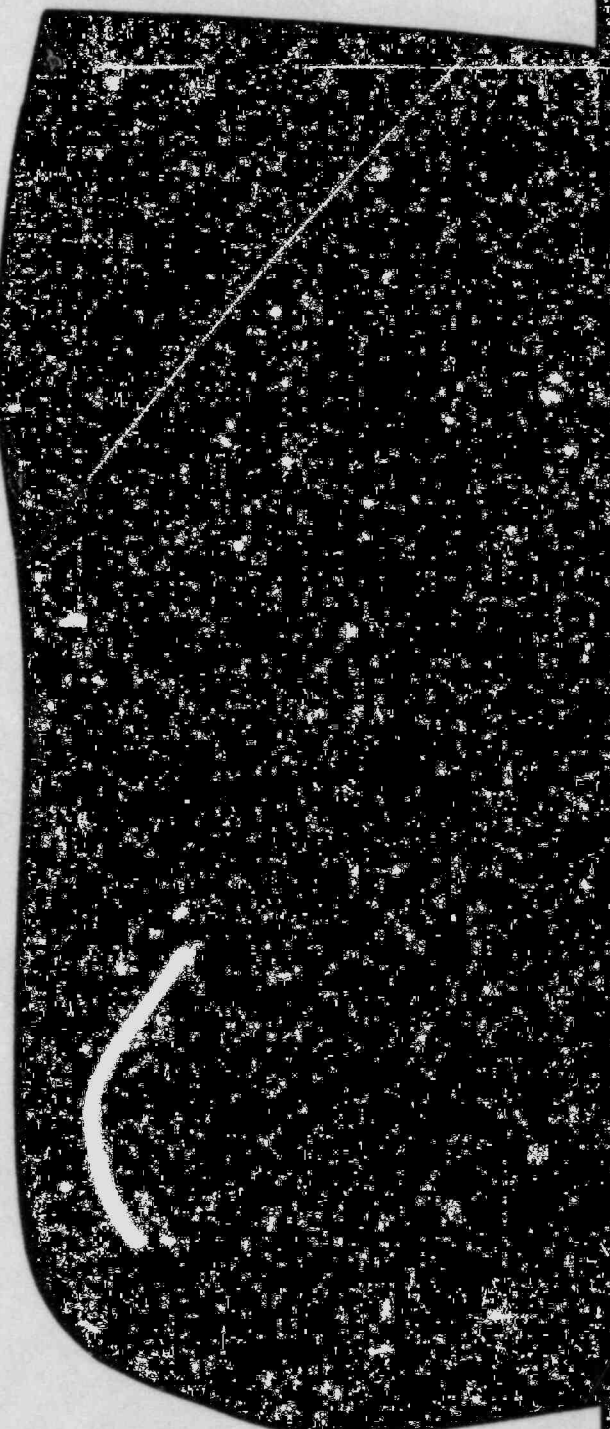
 Unit #3 Operations Offices

 Nuclear Equipment Operators (Unit 1 & 2 Emergencies)

 Nuclear Equipment Operators (Unit 3 Emergencies)

OCONEE NUCLEAR STATION
CRISIS PHONE DIRECTORY
CRISIS MANAGEMENT CENTER

<u>POSITION/NAME</u>	<u>PRIVATE LINE</u>	<u>ONS SWITCHBOARD</u>
<u>RECOVERY MANAGER</u>		
State of S.C. (FEOC Line) (Duke Line)		
<u>SCHEDULING/PLANNING</u>		
<u>TECHNICAL SERVICES SUPPORT</u>		
S.C. Bureau of Radiological Health (Duke Line) (FEOC Line)		
OFFSITE RADIOLOGICAL MANAGER		
<u>NUCLEAR ENGINEERING SERVICES</u>		
<u>DESIGN AND CONSTRUCTION SUPPORT</u>		
<u>ADMINISTRATION AND LOGISTICS</u>		
<u>DATA COORDINATION</u>		
<u>TELECOPIER</u>		
<u>ADVISORY SUPPORT</u>		
<u>NUCLEAR REGULATORY COMMISSION</u>		.FTS.
<u>BABCOCK & WILCOX (NSSS SUPPLIER)</u>		



OCONEE NUCLEAR STATION
CRISIS PHONE DIRECTORY
GENERAL OFFICE SUPPORT CENTER

CORPORATE HEADQUARTERS
(Contact with the Governor)

A. C. Thies

W. H. Owen

WACHOVIA CENTER

RECOVERY MANAGER (Room 1010) (Speaker Phone)
(Dedicated line to State Director)

NRC

SCHEDULING/PLANNING (Room 1010)

TECHNICAL SERVICES SUPPORT (Room 2390)

OFFSITE RADIOLOGICAL MANAGER (Room 1222)

NRC FTS LINE

NUCLEAR ENGINEERING SERVICES STAFF (Room 1704)

ADMINISTRATION AND LOGISTICS (Room 0925)

NUCLEAR REGULATORY COMMISSION (Room 1488)

ELECTRIC CENTER

DESIGN AND CONSTRUCTION SUPPORT (Room 32, 3rd Floor)

CHARLOTTE SUPPLY BUILDING

CRISIS NEWS GROUP - DUKE (3rd Floor)

S.C. PUBLIC INFORMATION OFFICERS (Room 215)

NRC NEWS STAFF (Room 215)

FEMA PUBLIC INFORMATION OFFICES (Room 215)

*Dedicated line to State Center

OCONEE NUCLEAR STATION
CRISIS PHONE DIRECTORY
BACKUP CRISIS MANAGEMENT CENTER
LIBERTY RETAIL OFFICE, LIBERTY, S.C.

AREA CODE - 803
Telephone Number

RECOVERY MANAGER

SCHEDULING/PLANNING

PUBLIC INFORMATION OFFICERS*

State of South Carolina
Oconee County
Pickens County

DESIGN AND CONSTRUCTION

NUCLEAR ENGINEERING SERVICES

OFF-SITE RADIOLOGICAL MANAGER

ADMINISTRATION AND LOGISTICS

TECHNICAL SERVICES SUPPORT

GOVERNMENT AGENCIES*

NRC
State of South Carolina
Oconee County
Pickens County

*NOTE: Call any one of the numbers listed to reach the desired representative.

OCONEE NUCLEAR STATION
CRISIS PHONE DIRECTORY
CRISIS NEWS CENTER
KEOWEE-TOXAWAY VISITORS' CENTER

<u>Position/Name</u>	<u>Private Line</u>	<u>Telephone Number</u>
<u>CRISIS NEWS DIRECTOR</u> Mary Cartwright	[REDACTED]	UNS Switchboard
<u>COMMERCIAL NEWS MEDIA</u> (Active Numbers) For drill purposes only	[REDACTED]	
<u>COMMERCIAL NEWS MEDIA</u> (Inactive Numbers) Activated only during an actual emergency	[REDACTED]	
<u>NRC/STATE/COUNTY PUBLIC</u> <u>INFORMATION OFFICERS (PIO'S)</u>		
NRC Oconee County Pickens County		
State of S.C. (FEOC Line) (Duke Line)		

*Note: NRC, Oconee County or Pickens County may be reached on any one of these phones.


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.

The Station has jacks for the HPN phones in the Performance Office (Control Room 1 & 2) and in the Oconee 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 codes most often used are listed below:

- | <u>HPN Phone</u> | <u>Code</u> |
|---|--|
| 1. NRC region 2 (Atlanta) office |  |
| 2. NRC headquarters (24 hours) | |
| 3. B&W Research Center | |
| 4. Oconee NRC Resident Inspector | |
| 5. Oconee Nuclear Station | |
| 6. <u>All</u> NRC region 2 Resident Inspectors | |
| 7. <u>All</u> region 2 Operating Nuclear Plants | |

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 [redacted] identify the Emergency Radio frequency. The following is a listing of radio locations, unit call letters, and identifiers. Use identifiers to begin a transmission and the call letters to close out the radio transmission. (For example: Oconee Nuclear Station Control Room to Pickens County Law Enforcement Center. Close out with [redacted] ff.)

ONS Base Station Remotes

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
1. Unit 1&2 Control Room	[redacted]	Oconee Control Room
2. Crisis Management Center	[redacted]	Oconee CMC
3. Technical Support Center	[redacted]	Oconee TSC

Coded Squelch Radios

<u>Location</u>	<u>Encode</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
4. Pickens LEC	[redacted]	[redacted]	Pickens LEC
Pickens EOC	[redacted]	[redacted]	Pickens EOC
Pickens EPD	[redacted]	[redacted]	Pickens EPD
5. Oconee LEC	[redacted]	[redacted]	Oconee LEC
6. State FEOC - (Clemson)	[redacted]	[redacted]	State FEOC

ALL ABOVE RADIOS MAY BE ACTIVATED BY ENCODING NO. 30

Field Monitoring Teams

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
8. Field Monitor Coordinator	[redacted]	Leader
9. Field Monitor Team	[redacted]	Alpha
10. Field Monitor Team	[redacted]	Bravo
11. Field Monitor Team	[redacted]	Charlie
12. Field Monitor Team	[redacted]	Delta
13. Field Monitor Team	[redacted]	Echo
14. Field Monitor Team	[redacted]	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.

EMERGENCY OPERATION CENTER

Pickens County

Primary Number

EXECUTIVE GROUP*

Emergency Preparedness
County Administrator
County Council
Legal Officer

OPERATIONS GROUP*

Law Enforcement
Rescue Squad
EMS

Fire Service
Medical Service
Health Service
Dept. of Public Works

ASSESSMENT*

Transportation
Emergency Welfare Service
Shelter Service
Red Cross

Public Information
RADEF

Mental Health
Damage Assessment
Supply and Procurement

ALTERNATE NUMBER (to any group)

PUBLIC INFORMATION OFFICER

CRISIS NEWS CENTER-ONS*

State of South Carolina
Oconee County
Pickens County
NRC

CRISIS NEWS CENTER LIBERTY RETAIL OFFICE*

State of South Carolina
Oconee County
Pickens County
NRC

*Call any one of the listed numbers to reach group desired.

EMERGENCY OPERATION CENTER

Oconee County

Primary Numbers (24-hour)

OPERATIONS*

Fire Protection

Police

Public Roads

Emergency Medical Services

Rescue Squads

ASSESSMENT*

Emergency Welfare Services

Radiological Defense

Damage Assessment

EXECUTIVE GROUP*

Supervisor/Chairman County Council

EOC Director

Financial Officer

FNF Representative

PUBLIC INFORMATION OFFICER

CRISIS NEWS CENTER-ONS

State of South Carolina
Oconee County
Pickens County
NRC

CRISIS NEWS CENTER LIBERTY RETAIL OFFICE

State of South Carolina
Oconee County
Pickens County
NRC

*Call any one of the listed numbers to reach group desired.

DUKE POWER COMPANY
CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE CMIP-10

MCGUIRE/CATAWBA CRISIS
TELEPHONE DIRECTORY

Rev. 10
Nov. 30, 1984

TABLE OF CONTENTS

	<u>Page</u>
Crisis Management Center	2-3
News Center	4
Technical Support Center - McGuire	5
Technical Support Center - Catawba	6
McGuire Off-site Agency Telephone List	7
Catawba Off-site Agency Telephone List	8

MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER
(CHARLOTTE GENERAL OFFICE)

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/MANAGERS IN WACHOVIA 1010:

Selective Signaling System Phone for ONC ----- See pp. 10-11 |
Administration & Logistics -----
Crisis News -----
Design & Construction -----
Nuclear Technical Services -----
Off-site Notification Coordinator -----
Dedicated Line to State(s) Rad. Health Director-----
Nuclear Engineering -----
"Red Phone" to NRC -----
State Line -----
NRC -----

OTHER CRISIS MANAGEMENT CENTER PERSONNEL

Off-site Radiological Manager (Wachovia 1222) -----
State Representative(s) with Off-site Radiological Group (WC-1222)
Dedicated Dose Assessment Line to TSC Health Physics (WC-1222) ---
NRC FTS Line (Temporarily not installed) -----
Administration and Logistics Staff (Wachovia Room 0925) -----

Design and Construction Staff (Electric Center 3-32) -----

Technical Services Support Staff (Wachovia 2390) -----
Nuclear Engineering Services Staff (Wachovia 1704) -----

NRC, States, and Counties (Wachovia 1488) -----

NEWS CENTER

Ne (Electric Center auditorium) -----

Du (Charlotte Supply Bldg. - 3rd Floor) -----

S. (Charlotte Supply Bldg. - Room 215) -----

(De (National Guard Armory - State PI0) -----

N. (Charlotte Supply Bldg. - Room 215) -----

(De (to N. C. Air National Guard Armory - State PI0)-----

NRC (Charlotte Supply Bldg. - Room 215) -----

FEM (Charlotte Supply Bldg - Room 215) -----

TECHNICAL SUPPORT CENTER - MCGUIRE

(McGuire Switchboard)

Extension

Station Manager

Administration

Superintendent
Coordinators/Admin., Trng. Safety
Contract Coordinator
(Security etc.)

Maintenance

Superintendent
Mechanical Engineer
I&E 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
Dedicated Dose Assessment Line
Updates to States and Counties

NRC

Telecopier

TECHNICAL SUPPORT CENTER - CATAWBA

Station Manager

Outside Line
Station Extension

Telephone No.

Administration

Superintendent - Outside Line
Station Extension

Security
Training & Safety
Admin. Coordinator

Maintenance

Superintendent - Outside Line
Station Extension

Mechanical Engr.
I&E Engr.
Planning

Technical Services

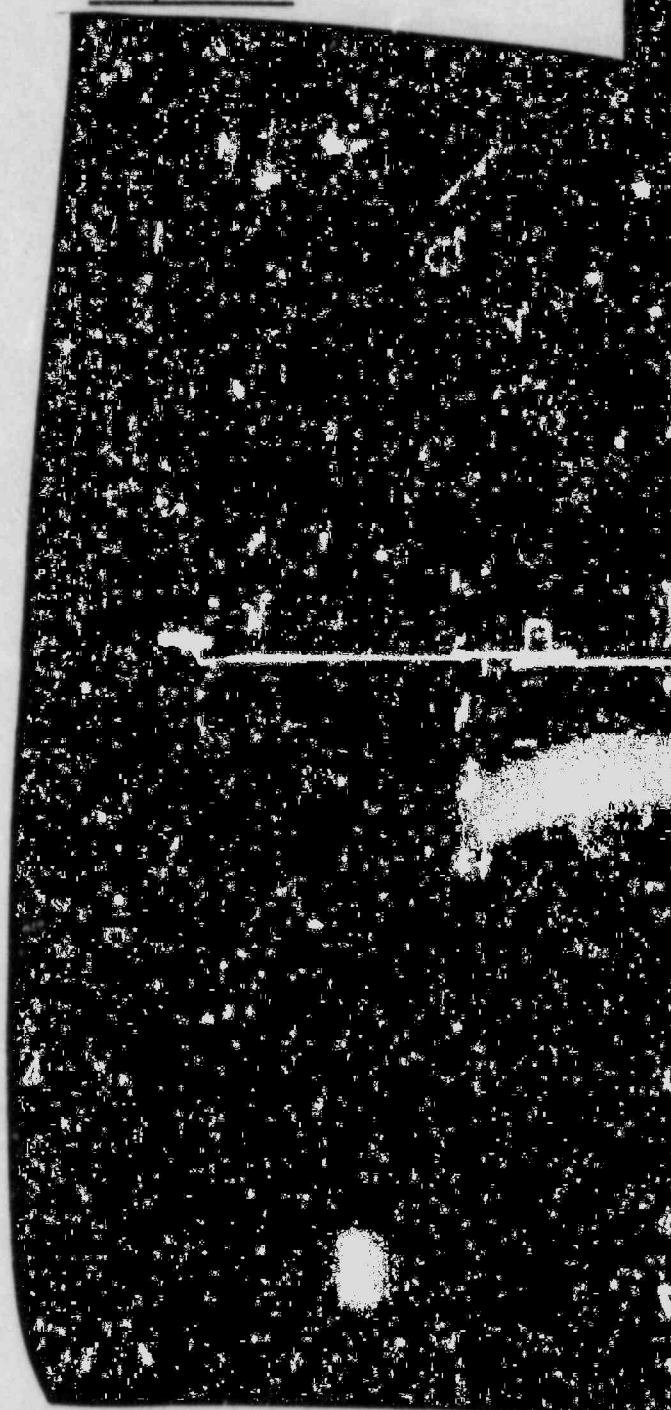
Superintendent - Outside Line
Station Extension

Performance Engr.
Reactor Engr.
Chemistry
Health Physics
Project & Licensing Engr.
Support Coord.
Surveillance and Control Coordinator
Dedicated Dose Assessment Line
Updates to States and Counties
Field Monitoring Coordinator

Operations

Superintendent - Outside Line
Station Extension

Operations Engr.
Asst. Operations Engineers
NRC
Telecopier
Data Coordinator in TSC
Westinghouse



MCGUIRE OFF-SITE AGENCY TELEPHONE LIST

Counties

Mecklenburg Warning Point Selective Signaling or
Gaston Warning Point Selective Signaling or
Iredell Warning Point Selective Signaling or
Catawba Warning Point Selective Signaling or
Lincoln Warning Point Selective Signaling or
Cabarrus Warning Point Selective Signaling or

NOTE: Radio Code _____ activates all county radio units

Mecklenburg County EOC - County Police Office - Charlotte, N.C. (See Selective Signaling List) or
Gaston County EOC - Gastonia, N.C. (See Selective Signaling List) or
Iredell County EOC (See Selective Signaling List) or
Catawba County EOC (See Selective Signaling List) or
Lincoln County EOC (See Selective Signaling List) or
Cabarrus County EOC (See Selective Signaling List) or

States

N.C. (E.O.C. Raleigh)
N.C. Warning Point
N.C. (SERT Headquarters, Air National Guard Armory)

Selective Signaling or
Emergency Radio (no code)

S.C. EOC - Columbia
S.C. Warning Point (Department of Health and Environmental Control)

(8:30 A.M. - 5:00 P.M. weekdays)
(After hours/weekends/
holidays)

Special "Open Bell Lines" at SERT Headquarters - Air Guard Armory

1. Recovery Manager open line to State Director
2. Duke Off-site Notification Coord. line to State Rad. Health
3. N.C. PIO at News Center to N.C. PIO at SERT
4. Direction & Control Line (State to Counties)

DOE - Savannah River

NRC - Operation Center - Washington
- Region II

American Nuclear Insurers

INPO

*NOTE: See page 10 for instructions on operation of the Selective Signaling System.

CATAWBA OFF-SITE AGENCY TELEPHONE LIST

Counties

York County Warning Point Selective Signaling or
Gaston County Warning Point Selective Signaling or
Mecklenburg County Warning Point Selective Signaling or
(Radio Code activates all units)

York County EOC-Rock Hill City (See Selective Signaling List)
Hall Basement

Gaston County EOC-Gastonia, N.C. (See Selective Signaling List) o

Mecklenburg County EOC-County (See Selective Signaling List) or
Police Office - Charlotte, N.C.

States

N.C. EOC Raleigh
N.C. Warning Point
N.C. (SERT Headquarters, Air Selective Signaling or Emergency Radio (No Code)
National Guard Armory)

S.C. EOC Columbia

- S.C. Warning Point (Department of Health and Environmental Control) (After hours/weekends/holidays)

S.C. FEOC - Clover Armory Selective Signaling or Emergency Radio
or: State Director
State Rad. Health
State PIO

Special "Open Bell Lines" at SERT Headquarters - Air Guard Armory

1. Recovery Manager open line to State Director
2. Duke Off-site Notification Coord. line to State Rad. Health
3. N.C. PIO at News Center to N.C. PIO at SERT
4. Direction & Control Line (State to Counties)

Others

DOE - Savannah River
NRC - Operation Center-Washington
American Nuclear Insurers
INPO
NRC - Operations Center-Region II

*NOTE: See Page 11 for instructions on operation of the Selective Signaling System.

TO OPERATE THE CRISIS MGMT. RADIO

Hookup

1. Plug power cords into receptacles.
2. Hook leads to batteries (red to plus, black to negative - McGuire only).
3. Insert radio jack into wall plug.

To Contact Field Teams or the State(s)

1. Depress the bar on the microphone and say, "CMC to _____ Team" (Alpha, Bravo, Charlie, Delta, Echo, or Foxtrot.) Release the bar.
2. They will respond, "_____ Team to CMC".
3. Depress the bar again and give instructions.
4. When finished for the day say, for Catawba _____ out" or for McGuire "WQC-700 out".

To Contact the TSC or Control Room

1. Depress the intercom button on the radio unit and say "CMC to TSC". Release the intercom button.
2. They will respond "TSC to CMC".
3. Depress the intercom again and discuss.

To Contact the Counties

1. Key in the code for the individual county or all tone activated squelch units and allow time for it to transmit (5 seconds). (See emergency phone and radio directory for codes.)
2. Depress the bar on the microphone and say, "CMC to _____ County". Release the bar.
3. They will respond, "_____ County to CMC".
4. Depress the bar again and discuss.
5. When finished say, for Catawba _____ out" or for McGuire _____

OPERATION OF THE SELECTIVE SIGNALING SYSTEM (SSS)
FOR MCGUIRE NUCLEAR STATION

To operate the system

1. Pick up the receiver - you will not hear a dial tone.
2. Dial the number for the party you wish to speak with. If you desire more than one party dial the group number shown or dial each individual number to tie them on.

<u>LOCATION</u>	<u>PHONE NO.</u>
McGuire Control Room	311
McGuire Technical Support Center	312
Crisis Management Center	111
Mecklenburg County	116
Gaston County	112
Lincoln County	113
Iredell County	114
Catawba County	118
Cabarrus County	119
N.C. Air Guard Armory	115
WBCY Radio - place a call	21*217
- deactivate	21#

Group Calls

Mecklenburg County, Gaston County, Iredell County, Cabarrus County, Catawba County, Lincoln County, N.C. Air Guard Armory can be tied in by dialing 11*.

NOTE: The Selective Signaling System (SSS) is used for contacting the counties prior to arrival of the State of N.C. Once N.C. has set up their center, they use the SSS to call the counties and we contact the State on the dedicated Bell lines.

To cancel a call or to stop a ring initiated to one of these numbers dial 11# or 31# depending upon the number initially dialed.


OPERATION OF THE SELECTIVE SIGNALING SYSTEM FOR
CATAWBA

To operate the system

1. Pick up the receiver - you will not hear a dial tone.
2. Dial the number for the party you wish to speak with. If you desire more than one party dial the group number shown or dial each individual number to tie them on.

LOCATION

PHONE NO.

Catawba Control Room	
Catawba TSC	
Crisis Management Center	
York County Warning Point	
York County EOC	
Clover Armory	
Gaston County (EOC & Warning Point)	
Mecklenburg County (EOC & Warning Point)	
N.C. Air Guard Armory	
WBCY Radio - place a call deactivate	

NOTE: The Selective Signaling System (SSS) is used for contacting the counties prior to arrival of the States. Once the States have set up their centers, they use the SSS to call the counties and we contact the States on the dedicated Bell lines.

To cancel a ring initiated by a call to one of these numbers dial 11# or 51# depending upon the number initially called.

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP - 11

COMMUNICATIONS TEST FOR THE
MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER

Rev. 2
Nov. 30, 1984

COMMUNICATIONS TEST FOR THE
MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER

1.0 PURPOSE

- 1.1 To ensure that the systems provided for communicating from the Crisis Management Center (CMC) to the state/local governments, NRC, the Control Room and Technical Support Center are functional.
- 1.2 To comply with federal regulations regarding CMC communications testing.

2.0 REFERENCES

- 2.1 Crisis Management Plan, Section F
- 2.2 10CFR50, Appendix E, Section IV.E.9
- 2.3 Implementing Procedure CMIP-10, McGuire/Catawba Crisis Telephone Directory

3.0 LIMITS AND PRECAUTIONS

- 3.1 None.

4.0 PROCEDURE

- 4.1 On a monthly basis, the Emergency Response Coordinator or his designee shall contact the off-site agencies listed in Enclosure 6.1 using the communications systems identified in the Enclosure. The person who answers shall be asked to verify the agency called and the telephone number, if applicable.
- 4.2 On a quarterly basis, the Emergency Response Coordinator or his designee shall contact both McGuire and Catawba Nuclear Stations using the communications systems identified in Enclosure 6.2.
- 4.3 On an annual basis, the Emergency Response Coordinator or his designee shall contact the locations listed in Enclosure 6.3 using the communications systems identified in the Enclosure.
- 4.4 Record initials and the date on a copy of the Enclosure.

5.0 ACCEPTANCE CRITERION

- 5.1 Two-way voice communication with the intended agency is demonstrated.

6.0 ENCLOSURES

- 6.1 Monthly Communications Test - McGuire/Catawba CMC.
- 6.2 Quarterly Communications Test - McGuire/Catawba CMC.
- 6.3 Annual Communications Test - McGuire/Catawba CMC.

Enclosure 6.1

MONTHLY COMMUNICATIONS TEST - MCGUIRE AND CATAWBA CMC

Place calls from the Selective Signaling System and one of the following telephone lines each month. Ensure that the Bell line which was not tested the previous month is included in this month's test.

Selective Signaling System (* - where available)

Month & Year of test _____ Phones Used In This Test _____

Place calls to the following locations using the telephone numbers listed in CMIP - 10, McGuire/Catawba Crisis Telephone Directory:

<u>Location</u>	<u>Telephone Used</u>	<u>Initials/Date</u>
N.C. Warning Point	_____	____/____
S.C. Warning Point	_____	____/____
Meck. Warning Point*	_____	____/____
Gaston Warning Point*	_____	____/____
Iredell Warning Point*	_____	____/____
Catawba Cty. Warning Point*	_____	____/____
Lincoln Warning Point*	_____	____/____
Cabarrus Warning Point*	_____	____/____
York County Warning Point*	_____	____/____
NRC Region II Operations Center - Atlanta, GA	_____	____/____
NRC Headquarters - Washington, D.C.	_____	____/____

NOTE: These warning points will never be accessed by the CMC in an emergency as the prime contact is with county and State EOC's which are not operational day-to-day.

Enclosure 6.2

QUARTERLY COMMUNICATIONS TEST - MCGUIRE AND CATAWBA CMC

Place calls to the following locations using the "ringdown" phone system:

<u>Location</u>	<u>Initials/Date</u>
McGuire TSC	____/____
Catawba TSC	____/____

Contact the following locations via the Crisis Management radio using the instructions listed in CMIP-10, McGuire/Catawba Crisis Telephone Directory:

<u>Location</u>	<u>Initials/Date</u>
McGuire Control Room or TSC	____/____
Catawba Control Room or TSC	____/____

Enclosure 6.3

ANNUAL COMMUNICATIONS TEST - MCGUIRE AND CATAWBA CMC

Place calls from the Selective Signaling System and the following Bell Line:

Month & Year of test _____ Phones Used In This Test _____

Place calls to the following locations using the telephone numbers listed in CMIP-10, McGuire/Catawba Crisis Telephone Directory:

<u>Location</u>	<u>Telephone Used</u>	<u>Initials/Date</u>
McGuire TSC	_____	____/____
McGuire Control Room*	_____	____/____
Catawba TSC	_____	____/____
Catawba Control Room*	_____	____/____
York County EOC*	_____	____/____
WBCY*	_____	____/____

* Use Selective Signaling System only.

CRISIS MANAGEMENT PLAN
IMPLEMENTING PROCEDURE

CMIF-12

Communications Test for the
Oconee Crisis Management Center

Rev. 0
Nov. 30, 1984

COMMUNICATIONS TEST FOR THE
OCONEE CRISIS MANAGEMENT CENTER

1.0 PURPOSE

- 1.1 To ensure that the systems provided for communicating from the Crisis Management Center (CMC) to the state/local governments, NRC, the Control Room and Technical Support Center are functional.
- 1.2 To comply with federal regulations regarding CMC communications testing.

2.0 REFERENCES

- 2.1 Crisis Management Plan, Section F.
- 2.2 10CFR50, Appendix E, Section IV.E.9.
- 2.3 Implementing Procedure CMIP-9, Oconee Nuclear Station - Crisis Telephone Directory.

3.0 LIMITS AND PRECAUTIONS

- 3.1 None.

4.0 PROCEDURE

- 4.1 On a monthly basis, the Emergency Response Coordinator or his designee shall contact the off-site agencies listed in Enclosure 6.1 using the communications systems identified in the Enclosure. The person who answers shall be asked to verify the agency called and the telephone number, if applicable.
- 4.2 On a quarterly basis, the Emergency Response Coordinator or his designee shall contact Oconee Nuclear Station using the communications system identified in Enclosure 6.2.
- 4.3 On an annual basis, the Emergency Response Coordinator or his designee shall contact the locations listed in Enclosure 6.3 using the communications system identified in the Enclosure. (This test may be done in conjunction with the annual exercise.)
- 4.4 Record initials and the date on a copy of the Enclosure.

5.0 ACCEPTANCE CRITERION

- 5.1 Two-way voice communication with the intended agency is demonstrated.

6.0 ENCLOSURES

- 6.1 Monthly Communications Test - Oconee CMC.

6.2 Quarterly Communications Test - Oconee CMC.

6.3 Annual Communications Test - Oconee CMC.

Enclosure 6.1

Monthly Communications Test - Oconee CMC

Place calls from the Ringdown phone (*) and the following telephone line each month: _____

Month and Year of Test _____ Phone Used in this Test _____

Place calls to the following locations using the telephone numbers listed in Implementing Procedure CMIP-9, Oconee Nuclear Station - Crisis Telephone Directory:

<u>Location</u>	<u>Telephone Used</u>	<u>Initials/Date</u>
S.C. Warning Point	_____	_____/____
Oconee Warning Point *	_____	_____/____
Pickens Warning Point *	_____	_____/____
NRC Region II Operations Center - Atlanta, Ga.	_____	_____/____

Place calls to the following location using the Red Phone and the following telephone line each month: _____ Use the numbers listed in Implementing Procedure CMIP-9.

<u>Location</u>	<u>Telephone Used</u>	<u>Initials/Date</u>
NRC Headquarters - Washington, D.C.	_____	_____/____

Enclosure 6.2


Quarterly Communications Test - Oconee CMC

Contact one of the following locations via the Crisis Management radio using the instructions listed in Implementing Procedure CMIP-9, Oconee Nuclear Station - Crisis Telephone Directory.

<u>Location</u>	<u>Initials/Date</u>
Oconee Control Room	_____/____
Oconee TSC	_____/____

Enclosure 6.3

Annual Communications Test - Oconee CMC

Place calls to the following locations using telephone line 
Place calls using the telephone numbers listed in Implementing Procedure
CMIP-9, Oconee Nuclear Station - Crisis Telephone Directory.

<u>Location</u>	<u>Initials/Date</u>
Oconee Control Room	_____/____
Oconee EOC	_____/____
Pickens EOC	_____/____
Oconee TSC	_____/____

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP - 13

QUARTERLY INVENTORY/COMMUNICATIONS EQUIPMENT CHECK

Rev. 11

Nov. 30, 1984

QUARTERLY INVENTORY PROCEDURE

1.0 Purpose

1.1 To ensure that Crisis Management Center emergency supplies are in-place and available for use, if needed.

2.0 References

2.1 Crisis Management Plan Section H

3.0 Limits and Precautions

3.1 None

4.0 Procedure

4.1 The Emergency Response Coordinator or his/her designee will conduct an inventory of each of the kits or stored supplies listed in the attachments.

4.2 All inventories performed will be attached to a copy of this procedure indicating a completion date and stored in the Emergency Response Coordinator's files.

5.0 Attachments

- 5.1 Technical Services Emergency Kits
- 5.2 CMC/CNC Communications Equipment
- 5.3 Administration and Logistics Emergency Supplies - Catawba
- 5.4 Administration and Logistics Emergency Supplies - General Office
- 5.5 Scheduling/Planning Support Group Equipment/Supplies
- 5.6 Off-site Radiological Manager Decisional Aids

Attachment 5.1






QUARTERLY INVENTORY
 CRISIS MANAGEMENT
 TECHNICAL SERVICES EMERGENCY KIT
 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>25</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 E-530	<u>1</u>	—
Gamma Detection Instruments (PIC-6A 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 5.2
 QUARTERLY INVENTORY/CHECK
 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>Off-site Radiological Support</u> WC-1222		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Administration & Logistics</u> WC-0925		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Design & Construction</u> EC-3-32		_____	_____
		_____	_____
		_____	_____
<u>Technical Services Support</u> WC-2390		_____	_____
		_____	_____
		_____	_____

*Operationally check one phone per room at each quarterly inventory.

Room

Radio/Headphones

Inplace?

Operational?*



Inventory Performed By _____
Date _____






*Operationally check one phone per room.
*Insure phone directories are current.

Attachment 5.2 (continued)

QUARTERLY INVENTORY/CHECK

COMMUNICATIONS EQUIPMENT

OCONEE CMC

<u>Room</u>	<u>Telephone/ Radio/Headset</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>Recovery Manager/ Scheduling & Planning</u>		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Nuclear Technical Services</u>		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Nuclear Engineering Services/ Design & Construction</u>		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Off-site Radiological Manager</u>		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Administration & Logistics</u>		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____

Attachment 5.2 (continued)

QUARTERLY INVENTORY/CHECK

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.


*Insure phone directories are current.

Attachment 5.2 (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>Nuclear Engineering Services</u>		==	==
<u>Off-site Radiological Support</u>		==	==
<u>Administration & Logistics</u>		==	==
<u>Nuclear Technical Services</u>		==	==
<u>NRC/State/Counties</u>		==	==

*Operationally check 4 of the 17 phones.

*Insure phone directories are current.

Inventory Performed by _____
Date _____

Attachment 5.3

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: Catawba

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
1. <u>Accommodations</u>		
a. ID Camera	<u>1</u>	—
b. Extra Plate (Duke Power)	<u>1</u>	—
c. "Crisis Management" Stamps	<u>2</u>	—
d. Package of ID cards (Form 08027)	<u>1</u>	—
e. Box Insurance Info. Pouches	<u>1</u>	—
f. Boxes of Pouches	<u>3½</u>	—
g. 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>	—
h. Motel Verification Forms	<u>200</u>	—
i. Registration Forms	<u>200</u>	—
j. Motel Room Assignment Forms	<u>200</u>	—
k. Copies of Registration Forms	<u>200</u>	—
l. Motel Space Availability Forms	<u>45</u>	—

Inventory Performed By: _____

Date: _____

Attachment 5.4

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

LOCATION: GENERAL OFFICE

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Stapler	<u>1 ea.</u>	_____
Standard Staples	<u>1 bx.</u>	_____
Scissors	<u>1 ea.</u>	_____
Black Med. Point Pens	<u>6 ea.</u>	_____
Blue Med. Point Pens	<u>6 ea.</u>	_____
Red Med. Point Pens	<u>6 ea.</u>	_____
Steno Notebook	<u>1 ea.</u>	_____
8½ x 11 White Ruled Pads	<u>6 ea.</u>	_____
#2 Pencils	<u>6 ea.</u>	_____
Pencil Sharpener	<u>1 ea.</u>	_____
Staple Remover	<u>1 ea.</u>	_____
Ash Trays	<u>4 ea.</u>	_____

Inventory Performed By: _____

Date: _____

Attachment 5.4 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

LOCATION: OCONEE

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Staplers	<u>2 ea.</u>	_____
Standard Staples	<u>2 bx.</u>	_____
Scissors	<u>2 ea.</u>	_____
Black Med. Point Pens	<u>12 ea.</u>	_____
Blue Med. Point Pens	<u>12 ea.</u>	_____
Red Med. Point Pens	<u>12 ea.</u>	_____
Steno Notebooks	<u>2 ea.</u>	_____
8½ x 11 White Ruled Pads	<u>12 ea.</u>	_____
#2 Pencils	<u>12 ea.</u>	_____
Pencil Sharpener	<u>1 ea.</u>	_____
Staple Removers	<u>2 ea.</u>	_____
Ash Trays	<u>12 ea.</u>	_____

Inventory Performed By: _____

Date: _____

Attachment 5.5

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010 - LOCKED CABINET

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Crisis Management Plan	<u>1</u>	_____
Crisis Management Implementing Plans	<u>1</u>	_____
Oconee Emergency Plan	<u>1</u>	_____
Catawba Emergency Plan	<u>1</u>	_____
McGuire Emergency Plan	<u>1</u>	_____
Oconee Implementing Plan	<u>1</u>	_____
McGuire/Catawba CMC Directory	<u>4</u>	_____
Oconee CMC Directory	<u>4</u>	_____
G.O. Directory	<u>4</u>	_____
McGuire 10 Mile Radius Wall Map*	<u>1</u>	_____
Oconee 10 Mile Radius Wall Map*	<u>1</u>	_____
Catawba EPZ Folding Map		_____
Preformed Wall Trending Graphs*	<u>4</u>	_____
Blank Wall Trending Graphs*	<u>2</u>	_____
Scheduling/Planning Manager's Kit	<u>1</u>	_____

*Located in Room 1066

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010 - LOCKED CABINET

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Empty File Folders	<u>10</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>
Thumb Tacks	<u>2 boxes</u>	<u> </u>
Paper Clips-Assorted	<u>1 box</u>	<u> </u>
Table E-1 Message Forms	<u>1 file</u>	<u> </u>
Dry-Erase Rags	<u>3</u>	<u> </u>
Blank Data Summary Sheets	<u>20</u>	<u> </u>

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010 - LOCKED CABINET

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</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>

Inventory Performed By: _____

Date: _____

Attachment 5.5 (continued)
 QUARTERLY INVENTORY
 SCHEDULING/PLANNING SUPPORT GROUP
 EQUIPMENT/SUPPLIES

LOCATION: SCHEDULING/PLANNING MANAGER'S KIT-ROOM WC-1010 CABINET

<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 Directory	<u>1</u>	<u> </u>
McGuire/Catawba CMC Directory	<u>1</u>	<u> </u>
G.O. 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>
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 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: SCHEDULING/PLANNING MANAGER'S KIT-ROOM WC-1010 CABINET

<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 5.5 (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>
Wall Trending Sheet (Oconee)	<u>4</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>
Blank Wall Trending Graphs	<u>2</u>	<u> </u>

Attachment 5.5 (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>	_____
Water Color Markers	<u>1 set</u>	_____
Table E-1 Message Forms	<u>1 file</u>	_____
Dry Erase Rags	<u>2</u>	_____
Stapler	<u>1</u>	_____
Staples	<u>1 box</u>	_____
Scissors	<u>2</u>	_____
No. 2 Pencils	<u>1 box</u>	_____
Water Bottle	<u>1</u>	_____

Inventory Performed By: _____
 Date: _____

Attachment 5.5 (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>
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 5.5 (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>
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

QUARTERLY INVENTORY

OFF-SITE RADIOLOGICAL MANAGER DECISIONAL AIDS

LOCATION: WC-1222 CABINET

<u>Item</u>	<u>Number In Plan</u>	<u>Number In Inventory</u>
Dose Assessment Procedures	<u>1 each</u>	_____
Dose Calculation and Reporting Forms	<u>15</u>	_____
RIA/EMF Descriptions And Correlations For Each Station	<u>1</u>	_____
Portable Battery Operated Calculator	<u>1</u>	_____
Off-site Dose Calculation Manual	<u>1</u>	_____
Reg. Guide 1.4 - Release Factors	<u>1</u>	_____
Site Specific Info. (Containment Volume, Core F.P. Inventory)	<u>1</u>	_____
10 mile radius map - Oconee	<u>1</u>	_____
10 mile radius map - McGuire (Maps to include monitoring points, regular environmental sampling sites, evacuation zones)	<u>1</u>	_____
Plume Shape Overlays For Maps	<u>1 set</u>	_____
Pencils	<u>5</u>	_____
Pens	<u>5</u>	_____
Pads of Paper	<u>5</u>	_____
18" Ruler	<u>1</u>	_____
Stapler	<u>1</u>	_____
Radiological Health Handbook	<u>1</u>	_____
G.O. Phone Directory	<u>1</u>	_____
Form 34966	<u>10</u>	_____
Catawba Folding Map	<u>2</u>	_____

Inventory Performed By: _____
Date: _____

DUKE POWER COMPANY
Crisis Management Plan

Implementing Procedure CMIP - 14

Operator Aid Computer Data Available In An Emergency
(Via Crisis Management Data Transmittal System)

Rev. 2
Nov. 30, 1984

OAC DATA AVAILABLE IN AN EMERGENCY

1.0 Purpose

To ensure that holders of the Crisis Management Plan Implementing Procedures Manual have an up to date listing of data available in an emergency as well as a better description of which instrument reading is provided on the Plant Data and Status Sheet.

2.0 References

Crisis Management Plan Section I
Crisis Management Data Retrieval System Documentation

3.0 Limits and Precautions

None.

4.0 Procedure

- 4.1 The Enclosures 5.2, 5.3, 5.4, 5.5, and 5.6 list computer point ID's, a description of what instrument or variable is provided by that ID, the units that variable is in, and the range of that reading for Oconee 1, Oconee 2, Oconee 3, McGuire, and Catawba respectively. Enclosure 5.1 is a correlation, relating a letter to type of variable.
- 4.2 In an emergency, requests for data in addition to that provided on the plant status sheet are to be referred to the Data Coordinator in the Crisis Management Center.

5.0 Enclosures

- 5.1 OAC Point ID Correlation
- 5.2 Oconee Unit 1 Available OAC Point ID's
- 5.3 Oconee Unit 2 Available OAC Point ID's
- 5.4 Oconee Unit 3 Available OAC Point ID's
- 5.5 McGuire Units 1 & 2 Available OAC Point ID's
- 5.6 Catawba Units 1 & 2 Available OAC Point ID's

Enclosure 5.1

AVAILABLE OAC POINT ID's

- A Primary Coolant Systems
- B Secondary Coolant Systems
- C Auxiliary Systems
- D Safety Injection Systems
- E Containment Systems
- F Radiation Monitoring Systems
- G Environmental Systems

Enclosure 5.2

AVAILABLE OAC POINT ID's

Oconee Unit 1

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>A</u>				
1.	<u>A1632</u>	RC Hot Leg A WR Temp.	°F	50-650
	<u>A1634</u>	RC Hot Leg A Temp. 1	°F	520-620
	<u>A1635</u>	RC Hot Leg A Temp. 2	°F	520-620
2.	<u>A1633</u>	RC Hot Leg B WR Temp	°F	50-650
	<u>A1492</u>	RC Hot Leg B Temp. 1	°F	520-620
	<u>A1493</u>	RC Hot Leg B Temp. 2	°F	520-620
3.	<u>A1638</u>	RC Cold Leg A1 NR Temp.	°F	520-620
	<u>A1639</u>	RC Cold Leg A1 WR Temp.	°F	50-650
4.	<u>A1636</u>	RC Cold Leg A2 NR Temp.	°F	520-620
	<u>A1637</u>	RC Cold Leg A2 WR Temp.	°F	50-650
5.	<u>A1046</u>	RC Cold Leg B1 NR Temp.	°F	520-620
	<u>A1047</u>	RC Cold Leg B1 WR Temp.	°F	50-650
6.	<u>A1494</u>	RC Cold Leg B2 NR Temp.	°F	520-620
	<u>A1495</u>	RC Cold Leg B2 WR Temp.	°F	50-650
7.	<u>A1416</u>	RC Loop A WR Press. 1	PSIG	0-2500
	<u>A1418</u>	RC Loop A WR Press. 2	PSIG	0-2500
	<u>A1417</u>	RC Loop B WR Press.	PSIG	0-2500
8.	<u>A1939</u>	RC PRZR LVL 1 Corr.	In. H ₂ O	
	<u>A1940</u>	RC PRZR LVL 2 Corr.	In. H ₂ O	
	<u>A1941</u>	RC PRZR LVL 3 Corr.	In. H ₂ O	
	<u>A1717</u>	RC PRZR LVL 1 Uncorrected	In. H ₂ O	0-400
	<u>A1718</u>	RC PRZR LVL 2 Uncorrected	In. H ₂ O	0-400
	<u>A1719</u>	RC PRZR LVL 3 Uncorrected	In. H ₂ O	0-400
9.	<u>A1920</u>	CA Boron Conc. PPM	PPM	
10.	<u>A1536</u>	NI 1 SR Flux	CPS	0.1-E6
	<u>A1537</u>	NI 2 SR Flux	CPS	0.1-E6
11.	<u>A1540</u>	NI 3 IR Flux	E ⁻⁶ Amps	E ⁻¹¹ -E ⁻³
	<u>A1541</u>	NI 4 IR Flux	E ⁻⁶ Amps	E ⁻¹¹ -E ⁻³
12.	<u>A1544</u>	NI 5 PR Flux	%	0-125
	<u>A1545</u>	NI 6 PR Flux	%	0-125
	<u>A1546</u>	NI 7 PR Flux	%	0-125
	<u>A1547</u>	NI 8 PR Flux	%	0-125
13.	<u>D2306</u>	RC Pump A1 ON (OFF)		
14.	<u>D2307</u>	RC Pump A2 ON (OFF)		
15.	<u>D2308</u>	RC Pump B1 ON (OFF)		
16.	<u>D2309</u>	RC Pump B2 ON (OFF)		
<u>B</u>				
1.	<u>A1026</u>	FDW SG A Full LVL	In. H ₂ O	0-650
	<u>A1213</u>	FDW SG A TR A LVL	In. H ₂ O	0-388
	<u>A1214</u>	FDW SG A TR B LVL	In. H ₂ O	0-388
2.	<u>A1031</u>	FDW SG B Full LVL	In. H ₂ O	0-650

Underline indicates points used on data sheet.

Enclosure 5.2 (cont'd)
 AVAILABLE OAC POINT ID's
Oconee Unit 1

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>B (cont'd)</u>				
	A1215	FDW SG B TR A LVL	In. H ₂ O	0-388
	A1216	FDW SG B TR B LVL	In. H ₂ O	0-388
3.	<u>A1470</u>	MS Stm. Gen. A Press. 1	PSIG	0-1200
	<u>A1471</u>	MS Stm. Gen. A Press. 2	PSIG	0-1200
4.	<u>A1466</u>	MS Stm. Gen. B Press. 1	PSIG	0-1200
	<u>A1467</u>	MS Stm. Gen. B Press. 2	PSIG	0-1200
5.	<u>A1563</u>	FDW Flow A Comp. & Sel.	KLB/Hr.	0-6E6
	<u>A1564</u>	FDW Flow B Comp. & Sel.	KLB/Hr.	0-6E6
6.	<u>A1644</u>	EMR FDW Flow 1 SG A	GPM	0-1200
7.	<u>A1758</u>	EMR FDW Flow 1 SG B	GPM	0-1200
8.	<u>A0158</u>	C UST A LVL	FT-H ₂ O	0-12
	<u>A0014</u>	C UST B LVL	FT-H ₂ O	0-12
<u>C</u>				
1.	<u>A1044</u>	HP Letdn. Flow	GPM	0-160
<u>D</u>				
1.	<u>A1238</u>	HP Loop A Inj. Flow	GPM	0-6000
2.	<u>A1239</u>	HP Loop B Inj. Flow	GPM	0-6000
3.	<u>A1310</u>	LP Loop A Inj. Flow	GPM	0-1200
4.	<u>A1311</u>	LP Loop B Inj. Flow	GPM	0-1200
5.	<u>A2214</u>	LP Pump A ON (OFF)		
6.	<u>A2215</u>	LP Pump B ON (OFF)		
7.	<u>A2216</u>	LP Pump C ON (OFF)		
8.	<u>D2125</u>	HP Pump A ON (OFF)		
9.	<u>D2127</u>	HP Pump B ON (OFF)		
10.	<u>D2129</u>	HP Pump C ON (OFF)		
<u>E</u>				
1.	<u>A1011</u>	Reactor Bldg. Press. CH. A	PSIG	-5-175
	<u>A1315</u>	Reactor Bldg. Press. CH. B	PSIG	-5-175
2.	<u>A0043</u>	RBV Dome Temp.	°F	0-390
	<u>A0005</u>	RBV RB LWR Temp.	°F	0-390
3.	<u>A1565</u>	RB Sump Level CH. A	Ft.	0-15
	<u>A1033</u>	RB Sump LVL CH. B	Ft.	0-15
4.	<u>A1465</u>	CA H2 Conc.	%	0-5
5.	<u>A0049</u>	LWD RB NOR Sump LVL	In. H ₂ O	0-30

Underline indicates points used on data sheet.

Enclosure 5.2 (cont'd)

AVAILABLE OAC POINT ID's

Oconee Unit 1

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>F</u>				
1.	<u>A1663</u>	SG/A RIA 16-Gross Activity	MR/HR	.01-E7
2.	<u>A1676</u>	SG/B RIA 17-Gross Activity	MR/HR	.01-E7
3.	<u>A1674</u>	RIA-40 CSAE Monitor	CPM	10-106
4.	<u>A1678</u>	RIA-44 Vent Iodine	CPM	10-106
5.	<u>A1679</u>	RIA-45 LR Vent Noble Gas	CPM	10-106
6.	<u>A1680</u>	RIA-46 HR Vent Noble Gas	CPM	10-106
7.	<u>XXXXX</u>	RIA-56 Vent Noble Gas	MR/HR	
8.	<u>A1654</u>	RIA-4 Cont HR Area	MR/HR	.1-E7
9.	<u>XXXXX</u>	RIA-57 Cont HR	R/HR	
10.	<u>XXXXX</u>	RIA-58 Cont HR	R/HR	
<u>G</u>				
1.	<u>XXXXX</u>	Upper Wind Speed	MPH	
2.	<u>XXXXX</u>	Lower Wind Speed	MPH	
3.	<u>XXXXX</u>	Upper Wind Direction from	DEG	
4.	<u>XXXXX</u>	Lower Wind Direction from	DEG	
5.	<u>A0953</u>	Delta Temp.	°F	-30-(+30)
6.	<u>XXXXX</u>	Dew Point	°F	
7.	<u>XXXXX</u>	Ambient Temp.	°F	
8.	<u>XXXXX</u>	Precipitation	IN	

Underline indicates points used on data sheet.

Enclosure 5.3

AVAILABLE OAC POINT ID's

Oconee Unit 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>A</u>				
1.	<u>A1632</u>	RC Hot Leg A WR Temp.	°F	50-650
	<u>A1634</u>	RC Hot Leg A Temp. 1	°F	520-620
	<u>A1635</u>	RC Hot Leg A Temp. 2	°F	520-620
2.	<u>A1633</u>	RC Hot Leg B WR Temp.	°F	50-650
	<u>A1492</u>	RC Hot Leg B Temp. 1	°F	520-620
	<u>A1493</u>	RC Hot Leg B Temp. 2	°F	520-620
3.	<u>A1638</u>	RC Cold Leg A1 NR Temp.	°F	520-620
	<u>A1639</u>	Cold Leg A1 WR Temp.	°F	60-650
4.	<u>A1636</u>	RC Cold Leg A2 NR Temp.	°F	520-620
	<u>A1637</u>	RC Cold Leg A2 WR Temp.	°F	60-650
5.	<u>A1046</u>	RC Cold B1 NR Temp.	°F	520-620
	<u>A1047</u>	RC Cold Leg B1 WR Temp.	°F	50-650
6.	<u>A1494</u>	RC Cold Leg B2 NR Temp.	°F	520-620
	<u>A1495</u>	RC Cold Leg B2 WR Temp.	°F	50-650
7.	<u>A1416</u>	RC Loop A WR Press. 1	PSIG	0-2500
	<u>A1418</u>	RC Loop A WR Press. 2	PSIG	0-2500
	<u>A1417</u>	RC Loop B WR Press.	PSIG	0-2500
8.	<u>A1939</u>	RC PRZR LVL 1 Corr.	In. H ₂ O	
	<u>A1940</u>	RC PRZR LVL 2 Corr.	In. H ₂ O	
	<u>A1941</u>	RC PRZR LVL 3 Corr.	In. H ₂ O	
	<u>A1717</u>	RC PRZR LVL 1 Uncorrected	In. H ₂ O	0-400
	<u>A1718</u>	RC PRZR LVL 2 Uncorrected	In. H ₂ O	0-400
	<u>A1719</u>	RC PRZR LVL 3 Uncorrected	In. H ₂ O	0-400
9.	<u>A1009</u>	CA Boron Conc. PPM	PPM	0-2050
10.	<u>A1536</u>	NI 1 SR Flux	CPS	0.1-E6
	<u>A1537</u>	NI 2 SR Flux	CPS	0.1-E6
11.	<u>A1540</u>	NI 3 IR Flux	E ⁻⁶ Amps	E ⁻¹¹ -E ⁻³
	<u>A1541</u>	NI 4 IR Flux	E ⁻⁶ Amps	E ⁻¹¹ -E ⁻³
12.	<u>A1544</u>	NI 5 PR Flux	%	0-125
	<u>A1545</u>	NI 6 PR Flux	%	0-125
	<u>A1546</u>	NI 7 PR Flux	%	0-125
	<u>A1547</u>	NI 8 PR Flux	%	0-125
13.	<u>D2306</u>	RC Pump A1 ON (OFF)		
14.	<u>D2307</u>	RC Pump A2 ON (OFF)		
15.	<u>D2308</u>	RC Pump B1 ON (OFF)		
16.	<u>D2309</u>	RC Pump B2 ON (OFF)		
<u>B</u>				
1.	<u>A1026</u>	FDW SG A Full LVL	In. H ₂ O	0-648
	<u>A1213</u>	FDW SG A TR A LVL	In. H ₂ O	0-388
	<u>A1214</u>	FDW SG A TR A LVL	In. H ₂ O	0-388

Underline indicates points used on data sheet.

Enclosure 5.3 (cont'd)
 AVAILABLE OAC POINT ID's
Oconee Unit 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>B (cont'd)</u>				
2.	<u>A1031</u>	FDW SG B Full LVL	In. H ₂ O	0-648
	<u>A1215</u>	FDW SG B TR A LVL	In. H ₂ O	0-388
	<u>A1216</u>	FDW SG B TR B LVL	In. H ₂ O	0-388
3.	<u>A1470</u>	MS Stm. Gen. A Press. 1	PSIG	0-1200
	<u>A1471</u>	MS Stm. Gen. A Press. 2	PSIG	0-1200
4.	<u>A1466</u>	MS Stm. Gen. B Press. 1	PSIG	0-1200
	<u>A1467</u>	MS Stm. Gen. B Press. 2	PSIG	0-1200
5.	<u>A1563</u>	FDW Flow B Comp. & Sel.	KLB/Hr.	0-6E6
	<u>A1564</u>	FDW Flow B Comp. & Sel.	KLB/Hr.	0-6E6
6.	<u>A0012</u>	EMR FDW Flow 1 SG A	GPM	0-1200
7.	<u>A0013</u>	EMR FDW Flow 1 SG B	GPM	0-1200
8.	<u>A0014</u>	C UST A LVL	FT-H ₂ O	0-12
	<u>A0158</u>	C UST B LVL	FT-H ₂ O	0-12
<u>C</u>				
1.	<u>A1044</u>	HP Letdn. Flow	GPM	0-160
<u>D</u>				
1.	<u>A1238</u>	HP Loop A Inj. Flow	GPM	0-1200
2.	<u>A1239</u>	HP Loop B Inj. Flow	GPM	0-1200
3.	<u>A1310</u>	LP Loop A Inj. Flow	GPM	0-1300
4.	<u>A1311</u>	LP Loop B Inj. Flow	GPM	0-1300
5.	<u>D2214</u>	LP Pump A ON (OFF)		
6.	<u>D2215</u>	LP Pump B ON (OFF)		
7.	<u>D2216</u>	LP Pump C ON (OFF)		
8.	<u>D2125</u>	HP Pump A ON (OFF)		
9.	<u>D2127</u>	HP Pump B ON (OFF)		
10.	<u>D2129</u>	HP Pump C ON (OFF)		
<u>E</u>				
1.	<u>A1011</u>	Reactor Bldg. Press. CH. A	PSIG	-5-175
	<u>A1315</u>	Reactor Bldg. Press. CH. B	PSIG	-5-175
2.	<u>A0043</u>	RBV Dome Temp.	°F	0-390
	<u>A0005</u>	RBV RB LWR Temp.	°F	0-390
3.	<u>A0792</u>	RB Sump Level CH. A	Ft.	0-15
	<u>A0793</u>	RB Sump LVL CH. B	Ft.	0-15
4.		CA H2 Conc.	(Not Available)	
5.	<u>A0049</u>	LWD RB NOR Sump LVL	In. H ₂ O	0-30

Underline indicates points used on data sheet.

Enclosure 5.3 (cont'd)

AVAILABLE OAC POINT ID's

Oconee Unit 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>F</u>				
1.	<u>A1663</u>	SG/A RIA 16-Gross Activity	MR/HR	.01-E7
2.	<u>A1676</u>	SG/B RIA 17-Gross Activity	MR/HR	.01-E7
3.	<u>A1674</u>	RIA-40 CSAE Monitor	CPM	10-106
4.	<u>A1678</u>	RIA-44 Vent Iodine	CPM	10-106
5.	<u>A1679</u>	RIA-45 LR Vent Noble Gas	CPM	10-106
6.	<u>A1680</u>	RIA-46 HR Vent Noble Gas	CPM	10-106
7.	XXXXX	RIA-56 Vent Noble Gas	MR/HR	
8.	<u>A1654</u>	RIA-4 Cont HR Area	MR/HR	.1-E7
9.	XXXXX	RIA-57 Cont HR	R/HR	
10.	<u>XXXXX</u>	RIA-58 Cont HR	R/HR	
<u>G</u>				
1.	XXXXX	Upper Wind Speed	MPH	
2.	XXXXX	Lower Wind Speed	MPH	
3.	XXXXX	Upper Wind Direction from	DEG	
4.	XXXXX	Lower Wind Direction from	DEG	-30-(+30)
5.	<u>A0953</u>	Delta Temp.	°F	
6.	XXXXX	Dew Point	°F	
7.	XXXXX	Ambient Temp.	°F	
8.	XXXXX	Precipitation	IN	

Underline indicates points used on data sheet.

Enclosure 5.4

AVAILABLE OAC POINT ID's

Oconee Unit 3

	<u>Point I.D.</u>	<u>Description</u>	<u>Unit 1</u>	<u>Range</u>
<u>A</u>				
1.	<u>A1632</u>	RC Hot Leg A WR Temp.	°F	50-650
	<u>A1634</u>	RC Hot Leg A Temp. 1	°F	520-620
	<u>A1635</u>	RC Hot Leg A Temp. 2	°F	520-620
2.	<u>A1633</u>	RC Hot Leg B WR Temp.	°F	50-650
	<u>A1492</u>	RC Hot Leg B Temp. 1	°F	520-620
	<u>A1493</u>	RC Hot Leg B Temp. 2	°F	520-620
3.	<u>A1638</u>	RC Cold Leg A1 NR Temp.	°F	520-620
	<u>A1639</u>	RC Cold Leg A1 WR Temp.	°F	50-650
4.	<u>A1636</u>	RC Cold Leg A2 NR Temp.	°F	520-620
	<u>A1637</u>	RC Cold Leg A2 WR Temp.	°F	50-650
5.	<u>A1046</u>	RC Cold Leg B1 NR Temp.	°F	520-620
	<u>A1047</u>	RC Cold Leg B1 WR Temp.	°F	50-650
6.	<u>A1494</u>	RC Cold Leg B2 NR Temp.	°F	520-620
	<u>A1495</u>	RC Cold Leg B2 WR Temp.	°F	50-650
7.	<u>A1416</u>	RC Loop A WR Press. 1	PSIG	0-2500
	<u>A1418</u>	RC Loop A WR Press. 2	PSIG	0-2500
	<u>A1417</u>	RC Loop B WR Press.	PSIG	0-2500
8.	<u>A1939</u>	RC PRZR LVL 1 Corr.	In. H ₂ O	
	<u>A1940</u>	RC PRZR LVL 2 Corr.	In. H ₂ O	
	<u>A1941</u>	RC PRZR LVL 3 Corr.	In. H ₂ O	
	<u>A1717</u>	RC PRZR LVL 1 Uncorrected	In. H ₂ O	0-400
	<u>A1718</u>	RC PRZR LVL 2 Uncorrected	In. H ₂ O	0-400
	<u>A1719</u>	RC PRZR LVL 3 Uncorrected	In. H ₂ O	0-400
9.	<u>A1009</u>	CA Boron Conc. PPM	PPM	0-2050
10.	<u>A1536</u>	NI 1 SR Flux	CPS	0.1-E6
	<u>A1537</u>	NI 2 SR Flux	CPS	0.1-E6
11.	<u>A1540</u>	NI 3 IR Flux	E ⁻⁶ Amps	E ⁻¹¹ -E ⁻³
	<u>A1541</u>	NI 4 IR Flux	E ⁻⁶ Amps	E ⁻¹¹ -E ⁻³
12.	<u>A1544</u>	NI 5 PR Flux	%	0-125
	<u>A1545</u>	NI 6 PR Flux	%	0-125
	<u>A1546</u>	NI 7 PR Flux	%	0-125
	<u>A1547</u>	NI 8 PR Flux	%	0-125
13.	<u>D2306</u>	RC Pump A1 ON (OFF)		
14.	<u>D2307</u>	RC Pump A2 ON (OFF)		
15.	<u>D2308</u>	RC Pump B1 ON (OFF)		
16.	<u>D2309</u>	RC Pump B2 ON (OFF)		
<u>B</u>				
1.	<u>A1026</u>	FDW SG A Full LVL	In. H ₂ O	0-650
	<u>A1213</u>	FDW SG A TR A LVL	In. H ₂ O	0-388
	<u>A1214</u>	FDW SG A TR A LVL	In. H ₂ O	0-388

Underline indicates points used on data sheet.

Enclosure 5.4 (cont'd)

AVAILABLE OAC POINT ID's

Oconee Unit 3

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>B (cont'd)</u>				
2.	<u>A1031</u>	FDW SG B Full LVL	In. H ₂ O	0-650
	<u>A1215</u>	FDW SG B TR A LVL	In. H ₂ O	0-388
	<u>A1216</u>	FDW SG B TR B LVL	In. H ₂ O	0-388
3.	<u>A1470</u>	MS Stm. Gen. A Press. 1	PSIG	0-1200
	<u>A1471</u>	MS Stm. Gen. A Press. 2	PSIG	0-1200
4.	<u>A1466</u>	MS Stm. Gen. B Press. 1	PSIG	0-1200
	<u>A1467</u>	MS Stm. Gen. B Press. 2	PSIG	0-1200
5.	<u>A1563</u>	FDW Flow A Comp. & Sel.	KLB/Hr.	0-6E6
	<u>A1564</u>	FDW Flow B Comp. & Sel.	KLB/Hr.	0-6E6
6.	<u>A0012</u>	EMR FDW Flow 1 SG A	GPM	0-1200
7.	<u>A0013</u>	EMR FDW Flow 1 SG B	GPM	0-1200
8.	<u>A0158</u>	C UST A LVL	FT-H ₂ O	0-12
	<u>A0014</u>	C UST B LVL	FT-H ₂ O	0-12
<u>C</u>				
1.	<u>A1044</u>	HP Letdn. Flow	GPM	0-160
<u>D</u>				
1.	<u>A1238</u>	HP Loop A Inj. Flow	GPM	0-1200
2.	<u>A1239</u>	HP Loop B Inj. Flow	GPM	0-1200
3.	<u>A1310</u>	LP Loop A Inj. Flow	GPM	0-1300
4.	<u>A1311</u>	LP Loop B Inj. Flow	GPM	0-1300
5.	<u>D2214</u>	LP Pump A ON (OFF)		
6.	<u>D2215</u>	LP Pump B ON (OFF)		
7.	<u>D2216</u>	LP Pump C ON (OFF)		
8.	<u>D2125</u>	HP Pump A ON (OFF)		
9.	<u>D2127</u>	HP Pump B ON (OFF)		
10.	<u>D2129</u>	HP Pump C ON (OFF)		
<u>E</u>				
1.	<u>A1011</u>	Reactor Bldg. Press. CH. A	PSIG	-5-175
	<u>A1315</u>	Reactor Bldg. Press. CH. B	PSIG	-5-175
2.	<u>A0043</u>	RBV Dome Temp.	°F	0-390
	<u>A0005</u>	RBV RB LWR Temp.	°F	0-390
3.	<u>A0792</u>	RB Sump Level CH. A	Ft.	0-15
	<u>A0793</u>	RB Sump LVL CH. B	Ft.	0-15
4.	<u>A1465</u>	CA A2 Conc.	%	0-5
5.	<u>A0049</u>	LWD RB NOR Sump LVL	In. H ₂ O	0-30

Underline indicates points used on data sheet.

Enclosure 5.4 (cont'd)

AVAILABLE OAC POINT ID's

Oconee Unit 3

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>F</u>				
1.	<u>A1663</u>	SG/A RIA 16-Gross Activity	MR/HR	.01-E7
2.	<u>A1676</u>	SG/B RIA 17-Gross Activity	MR/HR	.01-E7
3.	<u>A1674</u>	RIA-40 CSAE Monitor	CPM	10-106
4.	<u>A1678</u>	RIA-44 Vent Iodine	CPM	10-106
5.	<u>A1679</u>	RIA-45 LR Vent Noble Gas	CPM	10-106
6.	<u>A1680</u>	RIA-46 HR Vent Noble Gas	CPM	10-106
7.	<u>XXXXX</u>	RIA-56 Vent Noble Gas	MR/HR	
8.	<u>A1654</u>	RIA-4 Cont HR Area	MR/HR	.1-E7
9.	<u>XXXXX</u>	RIA-57 Cont HR	R/HR	
10.	<u>XXXXX</u>	RIA-58 Cont HR	R/HR	
<u>G</u>				
1.	<u>XXXXX</u>	Upper Wind Speed	MPH	
2.	<u>XXXXX</u>	Lower Wind Speed	MPH	
3.	<u>XXXXX</u>	Upper Wind Direction from	DEG	
4.	<u>XXXXX</u>	Lower Wind Direction from	DEG	-30-(+30)
5.	<u>XXXXX</u>	Delta Temp.	°F	
6.	<u>XXXXX</u>	Dew Point	°F	
7.	<u>XXXXX</u>	Ambient Temp.	°F	
8.	<u>XXXXX</u>	Precipitation	IN	

Underline indicates points used on data sheet.

Enclosure 5.5

AVAILABLE OAC POINT ID's

McGuire Units 1 & 2

NOTE: Other points are available on request to the CMC Data Coordinator

<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>A</u>			
1. <u>A0965</u>	T/Hot-Loop A (Wide Range)	°F	0-700
2. <u>A0971</u>	T/Hot-Loop B (Wide Range)	°F	0-700
3. <u>A0977</u>	T/Hot-Loop C (Wide Range)	°F	0-700
4. <u>A0983</u>	T/Hot-Loop D (Wide Range)	°F	0-700
5. <u>A1061</u>	T/Cold-Loop A (Wide Range)	°F	0-700
	(Narrow Range)	°F	510-630
6. <u>A1067</u>	T/Cold-Loop B (Wide Range)	°F	0-700
	(Narrow Range)	°F	510-630
7. <u>A1073</u>	T/Cold-Loop C (Wide Range)	°F	0-700
	(Narrow Range)	°F	510-630
8. <u>A1079</u>	T/Cold-Loop D (Wide Range)	°F	0-700
	(Narrow Range)	°F	510-630
9. <u>A0826</u>	NC System Press. (Wide Range)	PSIG	0-3000
	(Low Range)	PSIG	0-800
10. <u>A1118</u>	(Pzr. Press. I)	PSIG	1700-2500
	(Pzr. Press. II)	PSIG	1700-2500
	(Pzr. Press. III)	PSIG	1700-2500
	(Pzr. Press. IV)	PSIG	1700-2500
11. <u>A1124</u>	Pzr. Water Level (Pzr. Level I)	%	0-100
	(Pzr. Level II)	%	0-100
	(Pzr. Level III)	%	0-100
12. <u>D2803</u>	NCP/A Status: ON, OFF		
13. <u>D2804</u>	NCP/B Status: ON, OFF		
14. <u>D2805</u>	NCP/C Status: ON, OFF		
15. <u>D2806</u>	NCP/D Status: ON, OFF		
16. <u>A1177</u>	Neutron Flux - Source Range Level Channel 1	CPS	0-1000000
17. <u>A1206</u>	- Source Range Level Channel 2	CPS	0-1000000
18. <u>A0602</u>	Boron Concentration	PPM	
19. <u>P1385</u>	Reactor Thermal Power	%	
20. <u>A0628</u>	- Power Range AVG Level Quad 1	%	0-120
	- Power Range AVG Level Quad 2	%	0-120
	- Power Range AVG Level Quad 3	%	0-120
	- Power Range Avg Level Quad 4	%	0-120

Underline indicates points used on data sheet.

Enclosure 5.5 (cont'd)

AVAILABLE OAC POINT ID's

McGuire Units 1 & 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>B</u>				
1.	<u>A1004</u>	SG/A Level (Wide Range Level)	%	0-100
2.	<u>A1005</u>	SG/B Level (Wide Range Level)	%	0-100
3.	<u>A0970</u>	SG/C Level (Wide Range Level)	%	0-100
4.	<u>A0988</u>	SG/D Level (Wide Range Level)	%	0-100
5.	<u>A1107</u>	SG/A Steam Press. (Steam Press. I)	PSIG	0-1300
	<u>A1022</u>	(Steam Press. II)	PSIG	0-1300
	<u>A1028</u>	(Steam Press. IV)	PSIG	0-1300
6.	<u>A1113</u>	SG/B Steam Press. (Steam Press. I)	PSIG	0-1300
	<u>A1023</u>	(Steam Press. II)	PSIG	0-1300
	<u>A1029</u>	(Steam Press. III)	PSIG	0-1300
7.	<u>A1119</u>	SG/C Steam Press. (Steam Press. I)	PSIG	0-1300
	<u>A1024</u>	(Steam Press. II)	PSIG	0-1300
	<u>A1030</u>	(Steam Press. III)	PSIG	0-1300
8.	<u>A1125</u>	SG/D Steam Press. (Steam Press. I)	PSIG	0-1300
	<u>A1025</u>	(Steam Press. II)	PSIG	0-1300
	<u>A1031</u>	(Steam Press. IV)	PSIG	0-1300
9.	<u>P1412</u>	Total SG/A CF Flow (Flow I)	MPPH	0-682.93
	<u>P1413</u>	(Flow II)	MPPH	0-678.67
10.	<u>P1414</u>	Total SG/B CF Flow (Flow I)	MPPH	0-677.87
	<u>P1415</u>	(Flow II)	MPPH	0-679.92
11.	<u>P1416</u>	Total SG/C CF Flow (Flow I)	MPPH	0-683.48
	<u>P1417</u>	(Flow II)	MPPH	0-683.76
12.	<u>P1418</u>	Total SG/D CF Flow (Flow I)	MPPH	0-675.97
	<u>P1419</u>	(Flow II)	MPPH	0-680.33
13.	<u>P1208</u>	CA Flow to S/G A	MPPH	0-300
14.	<u>P1209</u>	B	MPPH	0-300
15.	<u>P1210</u>	C	MPPH	0-300
16.	<u>P1211</u>	D	MPPH	0-300
<u>C</u>				
1.	<u>A0758</u>	CCP Discharge Hdr. Flow	GPM	0-1000
2.	<u>A0856</u>	ND Return Flow	GPM	0-7000
3.	<u>D0970</u>	CCP/A Status: ON, OFF		
4.	<u>D0620</u>	CCP/B Status: ON, OFF		
5.	<u>D3574</u>	NI Pump A Status: ON, OFF		
6.	<u>D3576</u>	NI Pump B Status: ON, OFF		
7.	<u>A0764</u>	NV Letdown Flow (HX Outlet Flow)	GPM	0-200

Underline indicates points used on data sheet.

Enclosure 5.5 (cont'd)

AVAILABLE OAC POINT ID's

McGuire Units 1 & 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>D</u>				
1.	<u>A0785</u>	Containment Press. 2	PSIG	-5 to 20
	<u>A0791</u>	3	PSIG	-5 to 20
	<u>A0797</u>	4	PSIG	-5 to 20
	<u>A0590</u>	Containment Narrow Range Press.	PSIG	-1 to 1
	<u>A1047</u>	Containment Pressure Train A	PSIG	-5 to 60
	<u>A0665</u>	Train B	PSIG	-5 to 20
2.	<u>A1228</u>	Lower Cont. Ambient Air Temp. A	°F	0-200
	<u>A1234</u>	Temp. B	°F	0-200
	<u>A1240</u>	Temp. C	°F	0-200
	<u>A1246</u>	Temp. D	°F	0-200
3.	<u>A1204</u>	Upper Cont. Ambient Air Temp. A	°F	0-200
	<u>A1210</u>	Temp. B	°F	0-200
	<u>A1216</u>	Temp. C	°F	0-200
	<u>A1222</u>	Temp. D	°F	0-200
4.	<u>A1041</u>	Containment Sump Level (Train A)	FT	.5-20
5.	<u>A0671</u>	(Train B)	FT	.5-20
6.	<u>A0848</u>	Containment H2 Concent. (Train A)	%	0-30
	<u>A0854</u>	(Train B)	%	0-30
<u>E</u>				
1.	<u>A0115</u>	NCS Monitor	CPM	10E ¹ -10E ⁷
2.	<u>A0829</u>	Cont. High Range Area I	R/HR	10E ⁰ -10E ⁸
3.	<u>A0835</u>	Area II	R/HR	10E ⁰ -10E ⁸
4.	<u>A1009</u>	Unit Vent Noble Gas (High High Range)	R/HR	10E ⁰ -10E ⁸
5.	<u>A0018</u>	(High Range)	CPM	10E ¹ -10E ⁶
	<u>A0012</u>	(Low Range)	CPM	10E ¹ -10E ⁷
6.	<u>A0019</u>	EMF 35 Unit Vent Particulate, Hi Range	CPM	10E ¹ -10E ⁶
7.	<u>A0049</u>	Unit Vent Iodine	CPM	10E ¹ -10E ⁷
8.	<u>A1368</u>	EMF24 Steam Line 1A Radiation Monitor	R/HR	
9.	<u>A1374</u>	EMF25 Steam Line 1B Radiation Monitor	R/HR	
10.	<u>A1380</u>	EMF26 Steam Line 1C Radiation Monitor	R/HR	
11.	<u>A1386</u>	EMF27 Steam Line 1D Radiation Monitor	R/HR	
12.	<u>A0127</u>	EMF 49 Liq Waste Discharge, Hi Range	CPM	10E ¹ -10E ⁶
13.	<u>A1069</u>	Upper Wind Speed	MPH	0-30
14.	<u>A1183</u>	Lower Wind Speed	MPH	0-30
15.	<u>A1200</u>	Lower to Upper Temp. Diff.	°C	-4 to 8
16.	<u>A1075</u>	Upper Wind Direction From	DEG	0-540
17.	<u>A1189</u>	Lower Wind Direction From	DEG	0-540
18.	<u>P0595</u>	Precipitation in Last 15 Min.	IN	
19.	<u>A1218</u>	Lower to Middle Temp. Diff.	°C	-4 to 8
20.	<u>A0863</u>	Unit Vent Stack Flow	FT ³ /MIN	

Underline indicates points used on data sheet.

Enclosure 5.6

AVAILABLE OAC POINT ID's

Catawba Units 1 & 2

NOTE: Other points are available on request to the CMC Data Coordinator.

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
A				
1.	<u>A0668</u>	NC Loop A Wide Range Hot Leg Temp.	°F	0-700
2.	<u>A0669</u>	NC Loop B Wide Range Hot Leg Temp.	°F	0-700
3.	<u>A0670</u>	NC Loop C Wide Range Hot Leg Temp.	°F	0-700
4.	<u>A0671</u>	NC Loop D Wide Range Hot Leg Temp.	°F	0-700
5.	<u>A0700</u>	NC Loop A Wide Range Cold Leg Temp.	°F	0-700
6.	<u>A0706</u>	NC Loop B Wide Range Cold Leg Temp.	°F	0-700
7.	<u>A0712</u>	NC Loop C Wide Range Cold Leg Temp.	°F	0-700
8.	<u>A0718</u>	NC Loop D Wide Range Cold Leg Temp.	°F	0-700
9.	<u>PXXXX</u>	Average Incore T/C (5 highest)	°F	
10.	<u>PXXXX</u>	NC Subcooling Margin	°F	
11.	<u>A0719</u>	NC System Wide Range Press. CH. 2	PSIG	0-3000
	<u>A0839</u>	NC System Wide Range Press. CH. 2	PSIG	0-3000
12.	<u>A0713</u>	PZR Pressure CH. 1	PSIG	1700-2500
	<u>A0868</u>	PZR Pressure CH. 2	PSIG	1700-2500
	<u>A0874</u>	PZR Pressure CH. 3	PSIG	1700-2500
	<u>A0880</u>	PZR Pressure CH. 4	PSIG	1700-2500
13.	<u>A0707</u>	PZR Level CH. 1	%	0-100
	<u>A0867</u>	PZR Level CH. 2	%	0-100
	<u>A0873</u>	PZR Level CH. 3	%	0-100
14.	<u>AXXXX</u>	NC Vessel Wide Range Level Train A	%	0-100
	<u>AXXXX</u>	NC Vessel Wide Range Level Train B	%	0-100
15.	<u>D2037</u>	Reactor Coolant Pump A ON, OFF		
16.	<u>D2085</u>	Reactor Coolant Pump B ON, OFF		
17.	<u>D2038</u>	Reactor Coolant Pump C ON, OFF		
18.	<u>D2086</u>	Reactor Coolant Pump D ON, OFF		
19.	<u>A1214</u>	Boron Concentration	PPM	0-5000
	<u>P0096</u>	Reactor Coolant Boron Concentration	PPM	
20.	<u>A1248</u>	Source Range Level Channel 1	CPS	0-10E ⁶
	<u>A1254</u>	Source Range Level Channel 2	CPS	0-10E ⁶
21.	<u>A0766</u>	Intermediate Range Level Channel 1	MA	10E-8-1
	<u>A0767</u>	Intermediate Range Level Channel 2	MA	10E-8-1
22.	<u>P0738</u>	Power Range AVG Level AVG	%	0-120
	<u>A0672</u>	Power Range Upper Level Quadrant 1	%	0-120
	<u>A0678</u>	Power Range Upper Level Quadrant 2	%	0-120
	<u>A0684</u>	Power Range Upper Level Quadrant 3	%	0-120
	<u>A0690</u>	Power Range Upper Level Quadrant 4	%	0-120
	<u>A0696</u>	Power Range Lower Level Quadrant 1	%	0-120
	<u>A0702</u>	Power Range Lower Level Quadrant 2	%	0-120
	<u>A0708</u>	Power Range Lower Level Quadrant 3	%	0-120
	<u>A0714</u>	Power Range Lower Level Quadrant 4	%	0-120
	<u>A0758</u>	Power Range AVG Level Quadrant 1	%	0-120
	<u>A0759</u>	Power Range AVG Level Quadrant 2	%	0-120
	<u>A0760</u>	Power Range AVG Level Quadrant 3	%	0-120
	<u>A0761</u>	Power Range AVG Level Quadrant 4	%	0-120

Underline indicates points used on data sheet.

Enc. 5.6-1

Rev. 2
Nov. 30, 1984

Enclosure 5.6 (cont'd)

AVAILABLE OAC POINT ID's

Catawba Units 1 & 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
B				
1.	<u>A0674</u>	S/G A Wide Range Level	%	0-100
2.	<u>A0680</u>	S/G B Wide Range Level	%	0-100
3.	<u>A0686</u>	S/G C Wide Range Level	%	0-100
4.	<u>A0692</u>	S/G D Wide Range Level	%	0-100
5.	<u>A0723</u>	S/G A Steam Press. CH. #1	PSIG	0-1300
	<u>A1274</u>	S/G A Steam Press. CH. #2	PSIG	0-1300
	<u>A1280</u>	S/G A Steam Press. CH. #4	PSIG	0-1300
6.	<u>A0729</u>	S/G B Steam Press. CH. #1	PSIG	0-1300
	<u>A1286</u>	S/G B Steam Press. CH. #2	PSIG	0-1300
	<u>A1292</u>	S/G B Steam Press. CH. #3	PSIG	0-1300
7.	<u>A0735</u>	S/G C Steam Press. CH. #1	PSIG	0-1300
	<u>A1298</u>	S/G C Steam Press. CH. #2	PSIG	0-1300
	<u>A1304</u>	S/G C Steam Press. CH. #3	PSIG	0-1300
8.	<u>A0741</u>	S/G D Steam Press. CH. #1	PSIG	0-1300
	<u>A1310</u>	S/G D Steam Press. CH. #2	PSIG	0-1300
	<u>A1316</u>	S/G D Steam Press. CH. #4	PSIG	0-1300
9.	<u>A0634</u>	S/G A Feedwater Flow CH. 1	MLB/HR	0-4.8
	<u>A0640</u>	S/G A Feedwater Flow CH. 2	MLB/HR	0-4.8
10.	<u>A0646</u>	S/G B Feedwater Flow CH. 1	MLB/HR	0-4.8
	<u>A0629</u>	S/G B Feedwater Flow CH. 2	MLB/HR	0-4.8
11.	<u>A0635</u>	S/G C Feedwater Flow CH. 1	MLB/HR	0-4.8
	<u>A0641</u>	S/G C Feedwater Flow CH. 2	MLB/HR	0-4.8
12.	<u>A0650</u>	S/G D Feedwater Flow CH. 1	MLB/HR	0-4.8
	<u>A0651</u>	S/G D Feedwater Flow CH. 2	MLB/HR	0-4.8
13.	<u>A0974</u>	CA Flow to S/G A	GPM	0-500
14.	<u>A0975</u>	CA Flow to S/G B	GPM	0-500
15.	<u>A0976</u>	CA Flow to S/G C	GPM	0-500
16.	<u>A0977</u>	CA Flow to S/G D	GPM	0-500
17.	<u>PXXXX</u>	Prev. 15 Min. Steam Releases	LBM	
	<u>PXXXX</u>	Steam Release Loop A Volume	LBM	
	<u>PXXXX</u>	Steam Release Loop B Volume	LBM	
	<u>PXXXX</u>	Steam Release Loop C Volume	LBM	
	<u>PXXXX</u>	Steam Release Loop D Volume	LBM	

Underline indicates points used on data sheet.

Enclosure 5.6 (cont'd)

AVAILABLE OAC POINT ID's

Catawba Units 1 & 2

	<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>C</u>				
1.	<u>A0452</u>	NV Letdown Flow	GPM	0-200
2.	<u>A1262</u>	FWST Level Ch. 1	%	0-100
	<u>A1268</u>	FWST Level Ch. 2	%	0-100
	<u>A1250</u>	FWST Level Ch. 3	%	0-100
	<u>A1256</u>	FWST Level Ch. 4	%	0-100
3.	<u>A1013</u>	SNSWP Level	Ft.	566-572
4.	<u>A0586</u>	4KV Bus ETA Volts	KV	0-5.25
5.	<u>A0575</u>	4KV Bus ETB Volts	KV	0-5.25
<u>D</u>				
1.	<u>A0820</u>	Charging Line Flow Control	GPM	0-200
2.	<u>D2450</u>	Centrifugal Charging Pump A ON, OFF		
3.	<u>D2440</u>	Centrifugal Charging Pump B ON, OFF		
4.	<u>A0447</u>	Boron Injection Flow	GPM	0-1000
5.	<u>D2456</u>	NI Pump A ON, OFF		
6.	<u>D2446</u>	NI Pump B ON, OFF		
7.	<u>A0902</u>	ND HX A Return Flow	GPM	0-5000
8.	<u>A0908</u>	ND HX B Return Flow	GPM	0-5000
9.	<u>D2455</u>	ND Pump A ON, OFF		
10.	<u>D2445</u>	ND Pump B ON, OFF		
<u>E</u>				
1.	<u>A0743</u>	Containment Press. CH. 2	PSIG	-5 to 5
	<u>A0899</u>	Containment Press. CH. 3	PSIG	-5 to 5
	<u>A0893</u>	Containment Press. CH. 4	PSIG	-5 to 5
	<u>A1499</u>	Containment Wide Range Press. Train A	PSIG	-5 to 60
	<u>A1515</u>	Containment Wide Range Press. Train B	PSIG	-5 to 60
2.	<u>P1500</u>	Upper Containment Temp	°F	40-200
	<u>A1178</u>	Upper Containment Temperature A	°F	40-200
	<u>A1226</u>	Upper Containment Temperature B	°F	40-200
	<u>A1455</u>	Upper Containment Temperature C	°F	32-212
	<u>A1449</u>	Upper Containment Temperature D	°F	32-212
3.	<u>A1418</u>	Containment Sump Level A	FT	0-20
	<u>A1424</u>	Containment Sump Level B	FT	0-20
4.	<u>A0939</u>	Containment H ₂ Concentration Train A	%	0-30
	<u>A0945</u>	Containment H ₂ Concentration Train B	%	0-30
5.	<u>D2448</u>	NS Pump A ON, OFF		
6.	<u>D2438</u>	NS Pump B ON, OFF		
<u>F</u>				
1.	<u>A0061</u>	EMF 48 Reactor Coolant Monitor	CPM	10E1-10E7

Underline indicates points used on data sheet.

Enclosure 5.6 (cont'd)

AVAILABLE OAC POINT ID's

Catawba Units 1 & 2

<u>Point I.D.</u>	<u>Description</u>	<u>Units</u>	<u>Range</u>
<u>F (cont'd)</u>			
2. <u>A1308</u>	EMF 53A Cont. High Range Monitor Train A	R/HR	1-10E8
<u>A1314</u>	EMP 53B Cont. High Range Monitor Train B	R/HR	1-10E8
3. <u>A0025</u>	EMF 39L Containment Gas Monitor	CPM	10E1-10F7
<u>A0031</u>	EMF 39H Containment Gas Monitor	CPM	10E1-10L5
4. <u>A1315</u>	EMF 54 Unit Vent Extended Range Monitor	R/HR	1-10E8
5. <u>A0048</u>	EMF 37 Unit Vent Iodine Monitor	CPM	10E1-10E7
6. <u>A0013</u>	EMF 36L Unit Vent Gas Monitor	CPM	10E1-10E7
<u>A0019</u>	EMF 36H Unit Vent Gas Monitor	CPM	10E1-10E6
7. <u>A0036</u>	EMF 49L Waste Liquid Discharge	CPM	10E1-10E7
<u>A0042</u>	EMF 49H Waste Liquid Discharge	CPM	10E1-10E6
8. <u>A0078</u>	EMF 17 Refueling Bridge/Reactor Bldg.	CPM	10E1-10E4
9. <u>AXXXX</u>	EMF Main Stream Line Monitor	LATER	LATER
<u>AXXXX</u>	EMF XXX Main Stream Line A Monitor	LATER	LATER
<u>AXXXX</u>	EMF XXX Main Stream Line B Monitor	LATER	LATER
<u>AXXXX</u>	EMF XXX Main Stream Line C Monitor	LATER	LATER
<u>AXXXX</u>	EMF XXX Main Stream Line D Monitor	LATER	LATER
<u>G</u>			
1. <u>A0483</u>	Upper Wind Speed	MPH	0-90
2. <u>A0485</u>	Lower Wind Speed	MPH	0-90
3. <u>A0484</u>	Upper Wind Direction	Deg	0-540
4. <u>A0489</u>	Lower Wind Direction	Deg	0-540
5. <u>A1127</u>	Barometric Pressure	In. HG	25-35
6. <u>A0490</u>	Ambient Air D/T Elev 662 & Elev 762	°C	-4-+8
7. <u>A0491</u>	Ambient Air D/T Elev 662 & Elev 712	°C	-4-+8
8. <u>A0495</u>	Ambient Air Temp. At Elev 662	°C	-20-+40
9. <u>A0496</u>	Dew Point	°C	-30-+3-
10. <u>AXXXX</u>	Unit Vent Flow Rate	CFM	
11. <u>XXXXX</u>	RL Discharge Flow	GPM	

Underline indicates points used on data sheet.

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP-15

"Transmission of Followup Emergency Information To
Off-site Agencies - Oconee Nuclear Station"

Rev. 3
Nov. 30, 1984

TRANSMISSION OF FOLLOWUP EMERGENCY INFORMATION TO OFF-SITE AGENCIES
OCONEE NUCLEAR STATION
CRISIS MANAGEMENT CENTER

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 Off-site Radiological Manager (ORM) 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 ONC 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 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 State FEOC (Forward Emergency Operations Center) is established, use of this preformatted sheet for updates will cease. Updates will be made by the Off-site Notification Coordinator (ONC) according to the situation at hand and based upon discussions between the ONC and the state's representative in DHEC (S.C. Department of Health and Environmental Control).

The ONC will continue to use () line for these updates.

As the preformatted sheet is not used after this time, the ONC will log all calls made including date, time, callers' names, receivers' names, and a brief description of the information provided.

The ORM 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 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 off-site 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 ORM or Emergency Response Coordinator has this list.
- 4.4 Read the message sheet to the off-site 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 Off-site Agencies And Their Telephone Numbers

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

RELEASE OF THIS MESSAGE APPROVED

1. Complete Part I for the Initial Warning Message.
2. Complete Parts I & II for followup messages.

(NAME/TITLE)

B. For Receiver:

(DATE/TIME)

1. Record the date, time and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I .5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is: _____
(Insert name of facility)

2. My name is: _____

3. This message (number ___):

_____ (a) Reports a real emergency.

_____ (b) Is an exercise message.

4. My telephone number/extension is: _____

5. Message authentication: _____
(Verify code word or call back to the facility)

6. The class of the emergency is: _____ (a) Notification of Unusual Event

_____ (b) Alert

_____ (c) Site Emergency

_____ (d) General Emergency

7. This classification of emergency was declared at: _____ (a.m./p.m.) on _____ (date).

8. The initiating event causing the emergency classification is: _____

9. The emergency condition: _____ (a) Does not involve the release of radioactive materials from the plant.

_____ (b) Involves the potential for a release, but no release is occurring.

_____ (c) Involves a release of radioactive material.

10. We recommend the following protective action:

- _____ (a) No protective action is recommended at this time.
- _____ (b) People living in zones _____ remain indoors with the doors and windows closed.
- _____ (c) People in zones _____ evacuate their homes and businesses.
- _____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.
- _____ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.
- _____ (f) Other recommendations: _____

11. There will be:

- _____ (a) A followup message
- _____ (b) No further communications

12. I repeat, this message:

- _____ (a) Reports an actual emergency
- _____ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

PART II

1. The type of actual or projected release is:

- _____ (a) Airborne
- _____ (b) Waterborne
- _____ (c) Surface spill
- _____ (d) Other

2. The source and description of the release is: _____

3. _____ (a) Release began/will begin at ___ a.m./p.m.; time since reactor trip is ___ hours.

- _____ (b) The estimated duration of the release is ___ hours.

4. Dose projection base data:

Radiological release: _____ curies, or _____ curies/sec.

Windspeed: _____ mph

Wind direction: From _____°

Stability class: _____ (A,B,C,D,E,F, or G)

Release height: _____ Ft.

Dose conversion factor: _____ R/hr/Ci/m³ (whole body)

_____ R/hr/Ci/m³ (Child Thyroid)

Precipitation: _____

Temperature at the site: _____°F

5. Dose projections:

Dose Commitment

Distance	Whole Body Rem/hour	(Child Thyroid) Rem/hour of inhalation
Site boundary		
2 miles		
5 miles		
10 miles		

Projected Integrated Dose In Rem

Distance	Whole Body	Child Thyroid
Site Boundary		
2 miles		
5 miles		
10 miles		

6. Field measurement of dose rate or contamination (if available): _____

7. Emergency actions underway at the facility include: _____

8. Onsite support needed from offsite organizations: _____

9. Plant status:

(a) Reactor is: not tripped/tripped

(b) Plant is at: _____ % power/hot shutdown/cold shutdown/cooling down

(c) Prognosis is: stable/improving/degrading/unknown.

10. I repeat, this message:

_____ (a) Reports an actual emergency.

_____ (b) Is an exercise message.

11. Do you have any questions?

*****END OF FOLLOW-UP MESSAGE*****

NOTE: Record the name, title, date, time, and warning point notified. (Senders)

Record the name title, date, time, and persons notified per alert procedure. (Receivers)

1. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

2. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

3. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

4. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

5. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

6. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

7. _____ (name) _____ (title)

_____ (date) _____ (time) _____ (warning point)

Enclosure 5.2

Oconee Off-site Agency Telephone List

1. Counties

- *** Oconee Ringdown or [redacted] or Emergency Radio Code [redacted]
- *** Pickens Ringdown or [redacted] or Emergency Radio Code [redacted]

2. States

- ** S.C. DHEC, Bureau of Rad. Health [redacted] 48 (Columbia)
(Note: DHEC will update N.C. and Ga.) Ringdown (Clemson Armory)
[redacted] (Clemson Armory-DHEC)

3. Federal/Other Agencies

- + DOE - Savannah River [redacted]
- ** NRC Operations Center and
NRC Region 2 "Red Phone" [redacted]
- + Health Physics Network
To NRC Operations Center Dial [redacted]

+ - Call only if monitoring team support is required.

** - Contact at each update.

*** - Contact at each update until S.C. establishes its FEOC. After that time contact S.C. DHEC and they will update their 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 classification is declared.

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP-16

"Transmission of Followup Emergency Information to
Off-site Agencies - McGuire and Catawba Nuclear Stations"

Rev. 8
Nov. 30, 1984

TRANSMISSION OF FOLLOWUP EMERGENCY INFORMATION TO OFF-SITE AGENCIES
MCGUIRE NUCLEAR STATION/CATAWBA NUCLEAR STATION
CRISIS MANAGEMENT CENTER

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 or Catawba Nuclear Station.

2.0 REFERENCES

- 2.1 Crisis Management Plan, Part E.
- 2.2 McGuire Nuclear Station Emergency Plan
- 2.3 Catawba Nuclear Station Emergency Plan

3.0 LIMITS AND PRECAUTIONS

- 3.1 The Off-site Radiological Manager (ORM) 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 selective signaling system is the primary communications medium to the counties. If this should become unavailable, normal bell lines, plant extensions, and the radio should be used for the transmissions, in that order. See Implementing Procedure CMIP-10 for how to operate the Selective Signaling System.
- 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 and South Carolina (Catawba only) have established their organizations at the near-site locations and declare that they are then assuming operational control, information will be provided to the states (only) via this format. They will be responsible for updating the counties. (Prior to this time, the counties are updated on the selective signaling system. The state headquarters in Raleigh is updated on a private line.)

The ONC will use a private Bell line () for updates to the Armories rather than the selective signaling system. The N.C. number is , the S.C. number is . 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, during this early part of the incident. The ONC will attempt to make updates at approximately 30 minute intervals.

- 3.5 At some period of time (1 hour at most) after the State near-site Centers are established as the near-site headquarters, use of this preformatted sheet for updates will cease. Updates will be made by

the Off-site Notification Coordinator (ONC) according to the situation at hand and based upon discussions between the ONC and the state's representative in Radiological Health.

The ONC will continue to use a private Bell line for these updates, on a 30 minute basis.

As the preformatted sheet is not used after this time, the ONC will log all calls made including date, time, callers' names, receivers' names, and a brief description of the information provided. The ORM or designee should be made aware of information provided in the update.

- 3.6 If emergency class changes or a protective action recommendation must be made, the ONC will ensure that the notification is completed within 15 minutes from the time the decision is made to upgrade class or make a protective action recommendation. This call will be documented on Part 1 of the Green Sheet signed by the Recovery Manager.

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 follow-up message. Before you make the call, have the message approved and signed by the Recovery Manager or his designee. If the States have been in place for 1-2 hours, make up a short summary of what is to be discussed (rather than using the "Green Sheet"), have the Off-site Radiological Manager or designee review the form and initial it. Then make the call.
- 4.2 Using the communications medium mentioned in 3.2, 3.4, and 3.5 above, call the off-site agencies. A telephone listing of those agencies to be called and the numbers for each is found in the phone directory in Implementing Procedure CMIP-10.
- 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 Off-site Radiological Manager or his alternates and is provided to the ONC whenever changes are made.
- 4.4 Read the message to the Off-site agency representative allowing time to copy the information.
- 4.5 Provide these updates at approximate 30 minute intervals. However, should the emergency class be upgraded, this information must be transmitted to these agencies within 15 minutes from the time the decision is made to upgrade emergency class or make a protective action recommendation. This call is made on the Green Sheet and signed by the Recovery Manager, so that documentation of timely notification is available.

5.0 ENCLOSURES

5.1 Follow-up Emergency Information Sheet

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

RELEASE OF THIS MESSAGE APPROVED

1. Complete Part I for the Initial Warning Message.
2. Complete Parts I & II for followup messages.

(NAME/TITLE)

B. For Receiver:

(DATE/TIME)

1. Record the date, time and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I .5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is: _____
(Insert name of facility)
2. My name is: _____
3. This message (number ___):
_____ (a) Reports a real emergency.
_____ (b) Is an exercise message.
4. My telephone number/extension is: _____
5. Message authentication: _____
(Verify code word or call back to the facility)
6. The class of the emergency is: _____ (a) Notification of Unusual Event
_____ (b) Alert
_____ (c) Site Emergency
_____ (d) General Emergency
7. This classification of emergency was declared at: _____ (a.m./p.m.) on _____ (date).
8. The initiating event causing the emergency classification is: _____

9. The emergency condition: _____ (a) Does not involve the release of radioactive materials from the plant.
_____ (b) Involves the potential for a release, but no release is occurring.
_____ (c) Involves a release of radioactive material.

10. We recommend the following protective action:

- _____ (a) No protective action is recommended at this time.
- _____ (b) People living in zones _____ remain indoors with the doors and windows closed.
- _____ (c) People in zones _____ evacuate their homes and businesses.
- _____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.
- _____ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.
- _____ (f) Other recommendations: _____

11. There will be:

- _____ (a) A followup message
- _____ (b) No further communications

12. I repeat, this message:

- _____ (a) Reports an actual emergency
- _____ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

PART II

1. The type of actual or projected release is:

- _____ (a) Airborne
- _____ (b) Waterborne
- _____ (c) Surface spill
- _____ (d) Other

2. The source and description of the release is: _____

- 3. _____ (a) Release began/will begin at ____ a.m./p.m.; time since reactor trip is _____ hours.
- _____ (b) The estimated duration of the release is _____ hours.

4. Dose projection base data:

Radiological release: _____ curies, or _____ curies/sec.

Windspeed: _____ mph

Wind direction: From _____ °

Stability class: _____ (A,B,C,D,E,F, or G)

Release height: _____ Ft.

Dose conversion factor: _____ R/hr/Ci/m³ (whole body)

_____ R/hr/Ci/m³ (Child Thyroid)

Precipitation: _____

Temperature at the site: _____ °F

5. Dose projections:

Dose Commitment

Distance	Whole Body Rem/hour	(Child Thyroid) Rem/hour of inhalation
Site boundary		
2 miles		
5 miles		
10 miles		

Projected Integrated Dose In Rem

Distance	Whole Body	Child Thyroid
Site Boundary		
2 miles		
5 miles		
10 miles		

6. Field measurement of dose rate or contamination (if available): _____

7. Emergency actions underway at the facility include: _____

8. Onsite support needed from offsite organizations: _____

9. Plant status:

(a) Reactor is: not tripped/tripped

(b) Plant is at: _____ % power/hot shutdown/cold shutdown/cooling down

(c) Prognosis is: stable/improving/degrading/unknown.

10. I repeat, this message:

_____ (a) Reports an actual emergency.

_____ (b) Is an exercise message.

11. Do you have any questions?

*****END OF FOLLOW-UP MESSAGE*****

NOTE: Record the name, title, date, time, and warning point notified. (Senders)

Record the name title, date, time, and persons notified per alert procedure. (Receivers)

1.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)
2.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)
3.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)
4.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)
5.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)
6.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)
7.	_____	_____	_____
	(name)		(title)
	_____	_____	_____
	(date)	(time)	(warning point)

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP-17

"Environmental Monitoring for Emergency Conditions
Within the Ten Mile Radius of McGuire Nuclear Station"

Rev. 11
Nov. 30, 1984

ENVIRONMENTAL MONITORING FOR EMERGENCY CONDITIONS
WITHIN THE TEN MILE RADIUS OF McGUIRE NUCLEAR STATION
CRISIS MANAGEMENT PLAN

PURPOSE

- 1.0 Upon receiving a call to activate the Crisis Management Center (CMC), for a problem at McGuire, the Field Monitoring Coordinator (FMC) will notify the CMC Field Monitoring Organization for McGuire (See Enclosure 1) and have them report to Trailer #7 at McGuire. The FMC will report to Room WC-1222. The CMC Teams will assume the responsibility of off-site sampling at the earliest convenient time to allow the Station monitoring teams to return to the Station.
- 2.0 The FMC, from Room WC-1222, will direct the Field Teams as described in the attached Section 18.2 of the Station H.P Manual and by using the attached map showing all TLD, air sample, and pre-selected monitoring points. The FMC will advise the Off-site Radiological Manager the Off-site Notification Coordinator, Dose Assessment Coordinator, and TSC HP Staff of results of field measurements. The FMC will ensure adequate continued staffing of the field teams. The FMC will confer periodically (every hour) with the State Field Team Coordinator to compare findings.
- 3.0 The CMC Field Teams will survey and sample the area as described in the attached Section 18.2 of the Station H.P. Manual and as directed by the FMC. In addition, they shall place TLD's at locations designated by the FMC and record the time placed, collect TLD's and air samples (see attached Section 18.2 of Station H.P. Manual), and will review their received doses (on pocket dosimeters) at times appropriate to prevailing dose rates.

ENCLOSURE 1
FIELD MONITORING ORGANIZATION

LABORATORY
ANALYSIS
COORDINATOR

FIELD
MONITORING
COORDINATOR

DOSE
ASSESSMENT
COORDINATOR

SURVEY
TEAM
Alpha

SURVEY
TEAM
Bravo

SURVEY
TEAM
Charlie

SURVEY
TEAM
Delta

SURVEY
TEAM
Echo

SURVEY
TEAM
Foxtrot

Catawba Nuclear Station Personnel

Phillip Deal, Station Health Physicist Office

Home

Home

Office

Home

Office

Maurice McClettie

Rick Green

Rick Dove

Jerry Mode*

John Threatt

Rich Wright

Tim O'Donohue

Ron Rivard

Mike Moses

Steve Jones

Scott Ledford

Henry Cuthbertson

Doug Parrott

Gloria Waddell

Robin Williams

Fletch Wilson

Tammie Hindman

Robert Deshazo

Grady Lane

Barry Kimray

Cue Williamson

Sam Powell

Doug Baysinger

Nancy Strickland

Harold McCullough

Brenda Wells

Linda Thompson

Alton Johnson

Eddie Benfield

Barbara Jones

*Alternate Field Monitoring Coordinator

Note: All office numbers may be reached thru the microwave at
outside lines they may be reached thru the station operator at


ENCLOSURE 1 (Cont'd)
SYSTEM
ENVIRONMENTAL LABORATORY
PERSONNEL

Home

Office

Jan Williams
Bill Foris
Pauline Whitcomb
Aileen Lockhart
Steve Johnson
Larry Miller
Jerry Harris
Herb Magill
Wayne Harden
Paul White
Cindy Knox
Tom Yocum



Note: All office numbers may be reached thru the Environmental Lab operator at 

APPROVAL Lawrence M. Conwell
REV. 9 DATE 10/17/84

SECTION 18.2 ENVIRONMENTAL MONITORING FOR EMERGENCY CONDITIONS

1.0 Purpose

- 1.1 To provide environmental monitoring following an accidental release of radioactive material in excess of technical specifications to the environment.

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 Offsite Dose Calculation Manual (ODCM)

3.0 Precautions and Limitations

- 3.1 Environmental sampling during emergency conditions shall not replace, but rather supplement normal environmental monitoring.
3.2 If survey teams expect to be exposed to airborne particulate activity $> 3 \times 10^{-9}$ $\mu\text{C}/\text{ml}$ gross $\beta\gamma$, or $> 6 \times 10^{-13}$ $\mu\text{C}/\text{ml}$ α , they shall don particulate masks.
3.3 If survey teams expect to be exposed to Iodine-131 in excess of 10 x MPC, they shall ingest 130 milligrams (1 tablet) of potassium iodine.
3.4 If survey teams expect to be exposed to contamination levels > 1000 $\text{dpm}/100\text{cm}^2$ $\beta\gamma$, > 20 $\text{dpm}/100\text{cm}^2$ α , they shall don protective clothing.
3.5 Survey teams shall wear high range personnel dosimetry provided in the kits when entering areas where suspected radiation levels may warrant.
3.6 The team(s) equipped for Iodine analysis shall be kept out of the plume whenever possible.

3.7 Teams in or around the plume shall be kept moving.

4.0 Procedure

- 4.1 Upon request for offsite monitoring, Health Physics shall dispatch predesignated emergency environmental survey teams (at least two technicians/team) to their predesignated emergency vehicles/boat as necessary.
- 4.2 Each survey team shall be equipped with an emergency kit containing as a minimum, the following:
 - 4.2.1 Eberline E-520 with H.P. 260 probe and Xetex Mod 305A (or equivalent instruments).
 - 4.2.2 Portable air sampler with Silver Zeolite (CP-100/GY-130 or equivalent) filter cartridges and particulate filters.
 - 4.2.3 12VDC to 120VAC powerverter or Gasoline Powered Generator.
NOTE: 12VDC to 120 VAC powerverter is for use in the emergency boat only.
 - 4.2.4. One Norton 7600 or MSA dual side cartridge type particulate mask per team member.
 - 4.2.5 Emergency TLDs and high range personnel dosimeter.
 - 4.2.6 Emergency radio transmitter/receiver.
 - 4.2.7 Stopwatch.
 - 4.2.8 Flashlight.
 - 4.2.9 Protective clothing.
 - 4.2.10 Assorted poly bags.
 - 4.2.11 Sample bottles.
 - 4.2.12 Limnological samplers.
 - 4.2.13 Smears.
 - 4.2.14 Survey forms.
 - 4.2.15 Potassium Iodine tablets.
 - 4.2.16 Small change for telephone to station.
 - 4.2.17 A copy of Station Health Physics Manual, 18.2, Environmental Monitoring for Emergency Conditions.
 - 4.2.18 Map of Ten Mile Zone Sectors.
- 4.3 In addition to the items above at least one team shall be equipped with a SAM-2 with a RD-22 probe (or equivalent) for Iodine analysis.
- 4.4 Emergency environmental survey teams shall obtain keys to their respective vehicles at Trailer #7 or the South PAP, and before leaving the site shall ensure the following:

- 4.4.1 Verify communications with the Control Room or Technical Support Center dispatcher.
- 4.4.2 Ensure DC/AC powerverter, Gasoline powered generator, and air sampler run satisfactorily.
- 4.4.3 Ensure stopwatch and flashlight are in working order.
- 4.4.4 Battery check survey instruments and response check if applicable.
- 4.4.5 Ensure vehicle is fueled to maximum. (If the teams are assembled but not immediately dispatched they shall inventory the kits and fuel all vehicles.
- 4.5 Upon ensuring that their equipment is in satisfactory working order, the survey teams shall proceed to the predetermined survey points within the sectors designated by the Control Room or Technical Support Center dispatcher.
- 4.6 The survey teams shall maintain open communications with the Control Room or Technical Support Center dispatcher informing him of sample results at each predetermined survey point.
- 4.7 At each survey point, the survey teams shall perform the type sampling directed by the OSC/TSC dispatcher.
 - 4.7.1 To determine Iodine concentration using the SAM-2/RD-22 see enclosure 5.1.
 - 4.7.2 To estimate ground contamination using a count rate meter with an HP-210 or 260 probe see enclosure 5.2.
 - 4.7.3 Retain all samples for future analysis.
- 4.8 In the course of their monitoring, the survey teams may be utilized to inform unknowing persons they come across, should area evacuations become imminent.
- 4.9 Once the extent of the release is known, survey teams shall continue to monitor survey points as directed by the Control Room or the Technical Support Center dispatcher in order to observe changes in radiation/contamination levels or locations.
- 4.10 The emergency environmental survey teams shall be supplemented, relieved, or secured as directed by the Station Health Physicist.
 - 4.10.1 The Environmental Survey Teams designations and vehicles are:
 - ALPEA - Chemistry Vehicle - #8480

BRAVO - Health Physics Vehicle - #6661
CHARLIE - Station Manager's Vehicle - #8937
DELTA - Planning Pickup (Spare) - #8031
ECHO - Health Physics Boat

NOTE: Upon notification by the Crisis Management Center that members of the Crisis Management Center (CMC) survey teams have assembled, the assigned emergency environmental monitoring survey teams from the station shall report in to the FMC at the CMC to turn over the offsite sampling responsibilities at the earliest convenient time.

4.11 If the radio equipment becomes inoperable contact the TSC or CMC by
phone: TSC - 831-8182
CMC - 373-7578

5.0 Enclosures

- 5.1 Determination of Iodine Activity with SAM2/RD-22
- 5.2 Estimation of Ground Contamination
- 5.3 List of Designated Limnological Sample Points
- 5.4 Detailed Guide to all TLD Sample Locations
- 5.5 List of Designated Milk Sample Locations
- 5.6 List of Predetermined Survey/Sampling Locations
- 5.7 Radio Operators' Log of Field Monitoring Data
- 5.8 Airborne Radiation Monitoring Data Sheet
Helicopter Survey Results

DETERMINATION OF IODINE ACTIVITY
WITH SAM2/RD-22

$$\frac{(\text{Corrected Counts}) (\text{Eff Factor}) (4.5 \text{ E-7})}{(\text{Count Time in Min}) (\text{Volume in ml})} = \mu\text{Ci/ml}$$

NOTE: The efficiency factor is taken from the instrument tag.

ESTIMATION OF GROUND CONTAMINATION
USING HP-210/260 and COUNT RATE METER

1. Determine background on HP-210 or HP-260 probe by holding the probe over head and pointing it up.
2. Survey two inches above ground or ground vegetation (grass) moving probe to average over a large area. Be aware that heavy vegetation will cause contamination to be underestimated.
3. Determine corrected counts per minute (ccpm) by subtracting background from gross counts per minute.
4. Compute ground contamination, D.

$$D \mu\text{Ci}/\text{m}^2 = \text{ccpm} \times 0.002$$

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 - Section 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"

- 163 - Duke Power substation at the intersection of Hambright Road and McCoy Road (State Road #2138).
- 164 - Power pole at the intersection of Beatties Ford Road and Hambright Road.
- 165 - Approximately 2 miles down power plant road from River Bend Steam Station.
- 166 - Water tank across from River Bend Steam Station.
- 167 - Behind Lucia Volunteer Fire Department.
- 168 - Power pole at State Road #1511 at Killiam Creek.
- 169 - Last power pole on Kincaid Road.
- 170 - Second utility pole on right from intersection of Hwy. #73 and State Road #1386.
- 171 - Utility pole at Triangle Hardware.
- 172 - Power pole at the home of T.L. McConnell.
- 173 - Power pole at the home of M.S. Glover.
- 174 - On the fence, at air sampling site #134, near East Lincoln Junior High School.
- 175 - Utility pole at the home of G.F. Terrell.
- 176 - Behind the home of R.G. McGee, on cedar post.
- 177 - Power pole at the home of J.R. Leonard.
- 178 - Duke Power Substation at Florida Steel Corporation.
- 179 - Power pole at the home of Dan Rains.
- 180 - Mooresville Water Treatment Plant.
- 181 - Davidson Water Treatment Plant.
- 182 - On the fence, at air sampling site #133, at Cornelius substation.
- 183 - Intake pumping station for Charlotte drinking water, Gar Lake.

B. Directions to sampling locations:

NOTE: Contact Security at Ext. 4460 to open all O.C. (Owner Controlled Gates).

- Location #147
(E) Continue toward the McGuire Construction entrance. Turn right into the Environmental Laboratory. The TLD is located on the fence, on the right near the small blue storage building.
- Location #146
(ENE) Turn right into the Training and Technology Center. The TLD is located on a utility pole on the right just before you cross the bridge.
- Location #145
(NE) Proceed to the guard house at the Training and Technology Center. The TLD is located to the right of the guard house on the knoll. It is attached to the fence at air sampling site #121.
- Location #143
(N) Proceed past the guard house and Training Center. Bear left on the first dirt road you come to, then right on the second gravel road you come to. Follow this road to the point. The TLD is in a clear bag at the very end of the island.
- Location #144
(NNE) Return from the point and turn left where the two dirt roads intersect. Follow this road until it intersects the main road and turn left. The TLD is located on your left, on the fence at air sampling site #120 near Health Physics boathouse.
- Location #158
(NNE) Return to Hwy. #73 and turn left. At the intersection of Bethel Church Road. (S.R. #2189) and Hwy. #73 turn left. The TLD is on the last power pole on the left of Bethel Church Road. (corner of Lola and Bethel Church Road.).
- Location #159
(NE) Return to Hwy. #73, turn left, and turn left on Henderson Road leading to Anchorage Marine shipyard at Holiday Harbor Marina. Follow this road to marina area. The TLD is on the power pole behind the shipyard warehouse.
- Location #160
(ENE) Return to Hwy. #73, turn left and follow Hwy. #73 until it crosses over I-77. Take the first right after crossing I-77. Follow Hwy. #21 until it intersects S.R. #2147. Anchorage Marine Showroom will be on the left. The TLD is on the fence surrounding the showroom.
- Location #161
(E) Return to Hwy. #21 and proceed south. The TLD is located on the right on the main power pole that feeds the meter pole at the intersection of Hwy. #21 and Sam Furr Road.

- Location #156 Proceed to the McGuire Nuclear Station main entrance and then follow the black topped road to behind the paved parking lots. Continue on this road until it becomes a dirt road then turn onto the first dirt road on the right. At the end of this road, turn right again and proceed up the incline to the right. At the top of the incline, make a sharp left turn and follow to the top of the dam embankment. Enter O.C. Gate #7 and travel the length of the dam, until you reach the concrete dam portion of Cowan's Ford Dam. The TLD will be on your left near the base of the cement barrier.
- Location #154 (WSW) Return to the place where the dirt road becomes a black topped road and turn onto the dirt road on the right. Follow the dirt road to the SMS Supply Shelter and turn right. Continue until you enter O.C. Gate #5 then follow the dirt/grass path. As the path bends to the right, there is a grassy embankment on the left. The TLD is located in a plastic bag tied to a stake beside a rocky area \cong 400 feet from the top of the embankment.
- Location #155 (W) From the grassy embankment, return to the dirt/grass path and proceed to the end of the path. The TLD is located on the right in a plastic bag tied to a stake.
- Location #153 (SW) Exit O.C. Gate #5. Return to road in front of Chemistry Waste Treatment Building. Bear to the right and proceed to O.C. Gate #4. Go through O.C. Gate #4 to a clearing on the left (approximately halfway down the road toward the continuous water sampler). The TLD is located in the clearing near the edge of the embankment in a plastic bag.
- Location #151 (S) The TLD is located on the left as you leave O.C. Gate #2 approximately 50 feet on the left across the cement drainage pipe just before the S.P. entrance.
- Location #152 (SSW) Exit past the McGuire entrance and turn right onto Hwy. #73. The TLD is located at the RR right-of-way approximately 200 feet west of the S.P. entrance, in a clear bag.
- Location #150 (SSE) Drive east of Hwy. #73. The TLD is located on the double gates at the site fence in a plastic bag.
- Location #149 (SE) The TLD is located near the site fence approximately 25 feet off Hwy. #73 and approximately 300 feet east of Location #150 between two stakes under some pine trees.
- Location #148 (ESE) Drive east on Hwy. #73. Turn left at the Construction Entrance. The TLD is located on the second utility pole holding the overhang direction sign on the right side of the road.

- Location #147
(E) Continue toward the McGuire Construction entrance. Turn right into the Environmental Laboratory. The TLD is located on the fence, on the right near the small blue storage building.
- Location #146
(ENE) Turn right into the Training and Technology Center. The TLD is located on a utility pole on the right just before you cross the bridge.
- Location #145
(NE) Proceed to the guard house at the Training and Technology Center. The TLD is located to the right of the guard house on the knoll. It is attached to the fence at air sampling site #121.
- Location #143
(N) Proceed past the guard house and Training Center. Bear left on the first dirt road you come to, then right on the second gravel road you come to. Follow this road to the point. The TLD is in a clear bag at the very end of the island.
- Location #144
(NNE) Return from the point and turn left where the two dirt roads intersect. Follow this road until it intersects the main road and turn left. The TLD is located on your left, on the fence at air sampling site #120 near Health Physics boathouse.
- Location #158
(NNE) Return to Hwy. #73 and turn left. At the intersection of Bethel Church Road. (S.R. #2189) and Hwy. #73 turn left. The TLD is on the last power pole on the left of Bethel Church Road. (corner of Lola and Bethel Church Road.).
- Location #159
(NE) Return to Hwy. #73, turn left, and turn left on Henderson Road leading to Anchorage Marine shipyard at Holiday Harbor Marina. Follow this road to marina area. The TLD is on the power pole behind the shipyard warehouse.
- Location #160
(ENE) Return to Hwy. #73, turn left and follow Hwy. #73 until it crosses over I-77. Take the first right after crossing I-77. Follow Hwy. #21 until it intersects S.R. #2147. Anchorage Marine Showroom will be on the left. The TLD is on the fence surrounding the showroom.
- Location #161
(E) Return to Hwy. #21 and proceed south. The TLD is located on the right on the main power pole that feeds the meter pole at the intersection of Hwy. #21 and Sam Furr Road.

- Location #178
(SE) Follow Hwy. #21 until it intersects Gilead Road. and turn left. Follow Gilead Road. until it intersects Hwy. #115S (Old Statesville Hwy.) and turn to the right. Follow Hwy. #115S until you come to Florida Steel in the Croft Community. The TLD is on the fence inside the Duke Power substation to the right of Florida Steel, as you approach the plant.
- Location #179
(ESE) Return to Hwy. #115 and turn left. Follow Hwy. #115N until it is joined by Eastfield Road. Turn right on Eastfield Road. Follow Eastfield Road. until it intersects Prosperity Church Road. Turn right on Prosperity Church Road. The TLD is located approximately 2 miles down the road on the right, on the telephone pole across from a 'red barn' house.
- Location #163
(SE) Return to Hwy. #115 and turn right. Proceed to Hambright Road (S.R. #2117) and turn left. Proceed to McCoy Road (S.R. #2120) and turn left. The TLD is on the right, inside the fence at the Duke Power substation at the right back leg of the transformer.
- Location #164
(SSE) From Hwy. #115 turn left onto Hambright Road. Follow Hambright Road. until it intersects Beatties Ford Road. The TLD is located on the left on the power pole where these two roads intersect.
- Location #162
(ESE) Turn right onto Beatties Ford Road and follow it until it intersects Gilead Road. Turn right onto Gilead Road. Follow Gilead Road to Ramson Road (S.R. #2139) and turn left. The TLD is located on the left on a power pole in front of the David Young residence.
- Location #182
(ENE) Return to Hwy. #115 and turn left. Follow Hwy. #115N into Cornelius. Turn right off to Hwy. #115N, just past the First Union National Bank in front of Fred's Shoe Shop, then left on Zion Street. The next TLD is located on the right, inside the Duke Power substation, at air sampling site #133.
- Location #181
(NE) Return to Hwy. #115, and turn right. Follow Hwy. #115N until it intersects with Potts Street (street just before railroad overpass) and turn left. Follow Potts Street until it intersects with W. Walnut Street and turn left. The TLD is located on the power pole at the rear of the Davidson Water Works Building. The Davidson Water Works Building will be the first building on the right after turning onto W. Walnut Street.
- Location #157
(N) Proceed to the end of Walnut Street and turn left onto Gamble Road. There will be a Day Care area in front of you. Turn right at the end of this road onto Jetton Road. Follow this road until it ends and turn left.

DETAILED GUIDE TO ALL TLD SAMPLE LOCATIONS

This enclosure is meant to provide a guide to one who is not familiar with the environmental TLD sample route. Appropriate deviations from this sequence and route may be made as necessary.

A. Sample location numbers:

- 143 - Point of land north of intake pumps.
- 144 - On the fence, at air sampling site #120, near H.P. Boat House.
- 145 - On the fence, at air sampling site #121, near guard house at Training and Technology Center.
- 146 - Shoreline of discharge canal, below the bridge.
- 147 - On the fence, at the Training and Technology Center, Environmental Laboratory.
- 148 - Second utility pole on the right-hand side of McGuire Construction Entrance.
- 149 - Near site fence, 200 feet east of McGuire overlook.
- 150 - On the site fence, west of McGuire overlook.
- 151 - Fence east side inside O.C. (Owner Controlled) Gate #2.
- 152 - Near railroad tracks west of N.P. (Nuclear Production) entrance.
- 153 - Clearing on the left, inside O.C. (Owner Controlled) Gate #4 (S. River Gate).
- 154 - Edge of river bank, access O.C. (Owner Controlled) Gate #5 (Lower Dam Access).
- 155 - Bottom of earthen dam embankment, access O.C. (Owner Controlled) Gate #6 (Lower Dam Access).
- 156 - Top of earthen dam, access O.C. (Owner Controlled) Gate #7.
- 157 - Williamson access area sign on the Mecklenburg Neck.
- 158 - End of state maintained Road #2189 (Bethel Church Road).
- 159 - Anchorage Marine Shipyard at Holiday Harbor Marina.
- 160 - On the fence, at Anchorage Marine Showroom.
- 161 - Main power pole at the intersection of Hwy. #21 and Sam Furr Road.
- 162 - First power pole at the intersection of Gilead Road and State Road #2139.

- Location #157
(cont'd) You will see I-77. Go north on I-77. Take exit #33 off I-77, turn left, cross back over I-77. Follow this road until it intersects S.R. #1100 (Brawley School Road). turn left on S.R. #1100 and follow this road until it intersects S.R. #2160. Follow S.R. #2160 until you see the Duke Power sign at the Williamson Access area. The TLD is in a clear bag on the sign post.
- Location #180 Return to Brawley School Road and follow to stop sign. Continue straight toward Mooresville. Turn left onto Hwy. #21N. Follow Hwy. #21N. The Mooresville Water Treatment Plant is in the left approximately .5 mile up Hwy. # 21N. The TLD is on the telephone pole near the parking lot on the right.
- Location #173
(N) Return to Hwy. #150 and turn right. Follow Hwy. #150W to the Grey-Seal Paint store and turn left. Proceed to the caution light in Denver and turn left. Follow Campground Road (into Catawba County) until it intersects S.R. #1899 (just before Barkley's Mini Market) and turn left. Follow S.R. #1899 to S.R. #1845 and turn left. Follow S.R. #1845 until it intersects S.R. #1981 and turn left. The TLD is located on the first power pole on your left.
- Location #172
(NNW) Return to Campground road and turn left toward Denver. Pass Barkley's Mini-Mart on the right. Proceed to Fairfield Drive in the Westport Community. Turn left onto Fairfield Road and follow until it intersects S.R. #1389 to Lake Shore. Turn left onto Golf Course Lane. The TLD is located on the telephone pole in the front yard of house number 625.
- Location #171
(NW) Return to Hwy. #16 south. The TLD is located at the south side of the Triangle Hardware Store on the utility pole.
- Location #170
(WNW) Return to Hwy. #16 south. Follow Hwy. #16S until it intersects Hwy. #73. Turn right onto Hwy. #73. Follow Hwy. #73 until it intersects S.R. #1386. Turn left on S.R. #1386. The TLD is located up an embankment on the second utility pole on the right from the intersection.
- Location #174
(WNW) Return to Hwy. #73W. The TLD is located at East Lincoln Junior High, west of the main campus beside the well house. The TLD is on the fence at the air sampling site #134.
- Location #175
(WNW) Return to Hwy. #73, turn right and follow Hwy. #73 until it joins Hwy. #27. Follow Hwy. #27 into Boger City. At the intersection of Hwy. #27 and S.R. #1003 (in front of Carolina Shopping Center) turn back to the right. Follow S.R. #1003 until it intersects S.R. #1332 and turn left. Follow S.R. #1332 until it

- Location #175
(cont'd) intersects S.R. #1500 and turn right. The TLD is located on the telephone pole in the back yard at the home of G.F. Terrell. His is the 8th house on the right on S.R. #1500.
- Location #176
(SW) Return to Hwy. #27 and turn left. Follow Hwy. #27E through Stanley. At the intersection of Hwy. #27E and E. Dallas Road turn to the right. Follow E. Dallas Road, until it intersects S. Main Street and turn left. Follow Hwy. #275 (to the right of Nichol's Service Station and Grocery) until it intersects S.R. #2001 (dirt road) and turn left. Follow S.R. #2001 until it intersects S.R. #2393 (hard surface road) and turn left. The TLD is located on a cedar post in the back yard at the home of R.G. McGee. His is the 9th house on the left of S.R. #2393.
- Location #168
(WSW) Return to Hwy. #16 and turn left. Continue north on Hwy. #16 until it intersects Old Plank Road (S.R. #1511) and turn left. The TLD is located on the left on the last power pole before crossing Killiam Creek.
- Location #169
(W) Return to Hwy. #16 and turn left. Follow Hwy. #16 until it intersects Kincaid Road. (Kincaid Road is the road immediately north of Hills Chapel United Methodist Church on Hwy. #16). Turn left on Kincaid Road. The TLD is located on the last power pole on the right at the end of the road.
- Location #167
(SW) Return to Hwy. #16 and turn right. The next TLD is located on the left hand side of the road behind the Lucia Volunteer Fire Department Building. It is in a clear bag at the edge of the trees.
- Location #166
(SSW) Turn left onto Hwy. #16 and proceed to Power Plant Road. The next TLD is located on your right, on the water tank across from River Bend Steam Station.
- Location #165
(S) Proceed down Power Plant Road for approximately 2 miles. The TLD is on the fence post on the right at the sharp bend (90°) in the road.
- Location #177
(S) Return to Hwy. #16 and turn left. Follow Hwy. #16S until it intersects Kentberry Drive in the Coulwood Community and turn to the right. Turn left at the intersection of Kentberry and Belmorrow Drive. The TLD is located on the power pole in the front yard of J.R. Leonard at 908 Belmorrow Drive.
- Location #183
(S)
(control) Return to Hwy. #16 and turn left. Turn right at the intersection of Mt. Holly-Huntersville Road (S.R. #2004). Follow Mt. Holly-Huntersville Road to Pump Station Road (S.R. #2001) and turn right. Follow Pump House Road until it dead ends. The TLD is located along the river bank just at the edge of the tall grass in a clear bag.

List of Designated Milk Sample Locations

This enclosure is meant to provide a guide to one who is not familiar with the environmental milk sample route. Appropriate deviations from this sequence and route may be made as necessary.

A. Milk sample locations numbers:

- 138 - Hubbard's Dairy
- 139 - Howell's Residence (Goat's milk)
- 140 - Kidd's Dairy
- 141 - Keever's Dairy

B. Directions to sampling locations:

- Location #138
Hubbard's Dairy Turn left onto Hwy. #73 when leaving McGuire's main entrance and proceed to Beatties Ford Road (street before Phillips 76 General Store) and turn right. Turn right at next road. The Dairy is located on the left. Milk is taken from the vat located in the first building on the left.
- Location #139
Howell's Dairy Return to Beatties Ford Road. Turn right on Beatties Ford Road and follow it to Cashion Road. Turn right on Cashion Road. The Howell residence is on the left. There is a large calico mailbox in front of the house.
- Location #140
Kidd's Dairy Return to Beatties Ford Road and make a right. Proceed to Jim Kidd Road (approximately 1.0 miles) and turn right. Proceed approximately .5 of a mile and look for a white house on the right. Follow the dirt road to the rear of the house. The milk sample is taken from the vat located in the block building behind the house.
- Location 141
Keever's Dairy Return to Beatties Ford Road and turn left. Proceed to Hwy. #73 and turn left. Take Hwy. #73 past East Lincoln High School. Take the next right (at the overpass). Turn left at the top of the exit ramp. Proceed approximately 2.8 miles to a large "open" barn on your right. Turn right into dirt driveway. Milk vat is in building at far end of parking area.

List of Predetermined Survey/Sampling Locations

Example:

A 3 - 1
Evacuation Mile Sample
Zone Radius

- 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 Nuclear 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 O.C. (Owner Controlled) Gate #4 (South River Gate)* (Near MNS TLD #153).
- A - 2-1 Southwest end of Belle Isle Drive off SR2149.
- A - 3-1 West end of SR2151.
- A - 3-2 Intersection of SR2151 and SR2149.
- A - 3-3 South end of SR2148 (Nance Road).
- A - 5-1 Intersection of SR2189 (Bethel Church Road) and Staghorn Drive (MNS TLD #158).
- A - 5-2 Knox Grill at intersection of N.C. Highway 73 and SR2159 (Knox Road) (MNS TLD #150).
- A - 5-3 South end of SR2160 (MNS TLD #157).
- A - 6-1 Intersection of SR1100 (Brawley School Road) and SR2065.

* Contact the Shift Lieutenant at Ext. 4432 or via emergency radio for access.

NOTE: Sampling locations denoted with "X" indicate locations within the Exclusion Area Boundary.

- B - 1-1 One mile from plant on Lake Norman. (E)
- B - 1-2 One mile from plant on Lake Norman. (ENE)
- B - 1-3 One mile from plant on Lake Norman. (NE)
- B - 1-4 One mile from plant on Lake Norman. (NNE)
- B - 1-5 One mile from plant on Lake Norman. (N)
- B - 1-6 Emergency boathouse at boat dock (MNS TLD #144).
- 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 SR2133.
- C - 1-4 Catawba River, access through O.C. Gate 5 (Lower Dam Access)* (Near MNS TLD #154).
- C - 1-5 River bank at north top of island, access thru O.C. Gate 5 (Lower Dam Access)*.
- C - 2-1 Intersection of SR2138 (Beatties Ford Road) and SR2133 (Stevens Road).
- C - 2-2 West end of SR2132.
- D - 2-1 Intersection of SR2128 (Beatties Ford Road) and SR2136 (Gilead Road).
- D - 3-1 East end of SR2148 (Babe Stillwell Farm Road).
- D - 3-2 Intersection of SR2136 (Gilead Road) and SR2131 (Bud Henderson Road).
- D - 3-3 Intersection of SR2128 (Beatties Ford Road) and SR2129 (Jim Kidd Road).
- D - 3-4 Intersection of SR2074 (Meck Road) and SR2127 (Allison Ferry Road).
- D - 3-5 West end of SR2127 (Allison Ferry Road).
- D - 5-1 Intersection of SR2136 (Gilead Road) and SR2139 (Remson Road) (MNS TLD #162).
- D - 5-2 Intersection of SR2117 (Hambright Road) and SR2120 (McCoy Road) (MNS TLD #163).
- D - 5-3 Intersection of SR2074 (Beatties Ford Road) and SR2117 (Hambright Road) (MNS TLD #164).
- D - 5-4 Intersection of SR2074 (Beatties Ford Road) and SR2125.

- E - 6-1 Intersection of SR2004 (Mt. Holly-Huntersville Road) and SR2075 (Riverview Road).
- E - 7-1 Intersection of SR2004 (Mt. Holly-Huntersville Road) and SR2001 (Pump Station Road).
- E - 8-1 Intersection of SR2025 (Miranda Road) and SR2043.
- E - 8-2 Bridge over Long Creek on N.C. Highway 16 between SR1664 and SR2005.
- E - 10-1 Intersection of SR2619 (Peachtree Road) and SR2027 (Cora Ave).
- E - 10-2 Intersection of SR1771 (Cathey Road) and SR1769 (Tom Saddler Road).
- F - 5-1 Intersection of U.S. Highway 21 and SR2004 (Mt. Holly-Huntersville Road).
- F - 7-1 Intersection of SR2004 (Mt. Holly-Huntersville Road) and SR2116 (Alexanderana Road).
- F - 8-1 Intersection of Interstate 77 and SR2110 (Reames Road).
- F - 9-1 Intersection of SR2442 (Asbury Church Road) and SR2426 (Huntersville-Concord Road).
- F - 9-2 Intersection of SR2442 (Asbury Church Road) and SR2445.
- F - 10-1 Intersection of SR2459 (Eastfield Road) and SR2475 (Prosperity Church Road).
- F - 10-2 Intersection of N.C. Highway 115 and SR2631 (Beechwood Mobile Home Park Road).
- G - 5-1 Intersection of U.S. Highway 21 and SR2145 (Sam Furr Road) (MNS TLD #161).
- G - 6-1 South end of SR2427 (Hagers Road) - right fork.
- G - 6-2 Intersection of N.C. Highway 115 and SR2416 (Bailey Road).
- G - 8-1 Bridge over Rocky River on N.C. Highway 73 between SR2420 and SR2422.
- G - 8-2 Intersection of SR2427 (McCord Road) and SR2439 (Ramah Church Road).
- G - 10-1 Intersection of SR2418 (Shearer Road) and SR2419.
- H - 5-1 Intersection of U.S. Highway 21 and SR2147 (MNS TLD #160).
- H - 7-1 Intersection of Interstate Highway 77 and SR2158 (Goodrum Drive).
- I - 7-1 Intersection of SR1100 (Brawley School Road) and SR1111 (Tom White Road).
- I - 7-2 South end of SR1113 (Isle of Pines Road).

- I - 8-1 South end of SR1459.
- I - 9-1 Intersection of SR1100 (Brawley School Road) and SR1177 (Chuckwood Road).
- I - 10-1 Intersection of SR1115 and SR1455.
- J - 6-1 West end of SR1102 (Williamson Chapel Road) in All Seasons Campground.
- J - 9-1 Intersection of N.C. Highway 115 and SR1137 (Midway Lake Road).
- J - 10-1 West end of SR1194.
- J - 10-2 Intersection of SR1132 (Midway Lake Road) and SR1136 (J.P. White Road).
- K - 9-1 Barclay's Mini-Market and Texaco on SR1373.
- K - 9-2 South end of SR1841 (Webbs Chapel Road).
- L - 1-1 Highway 73 at Duke Power parking lot overlooking Cowan's Ford Dam.
- L - 1-2 SR1395 (Cowan's Ford Country Club Road) to the Cowan's Ford Overlook.
- L - 2-1 Intersection of Highway 73 and SR1395 (Cowan's Ford Country Club Road).
- M - 1-1 Intersection of Highway 73 and SR1578.
- M - 2-1 One mile west from intersection of Highway 73 and SR1578.
- M - 2-2 One mile south from intersection of SR1397 and SR1396 at railroad crossing.
- N - 2-1 Turn right off of Highway 16 onto SR1393. Go to end of pavement on SR1393 at Gusto Bay.
- N - 3-1 Turn right off of Highway 16 onto SR1439 (Unity Church Road). Turn right on SR1441, go to end of road.
- N - 3-2 Intersection of SR1393 and SR1568 at Nixon Heights.
- N - 4-1 Turn right off of Highway 16 and SR1439 (Unity Church Road). Turn right on SR1392, go to end of road.
- N - 5-1 Turn right off of Highway 16 onto SR1456 (Lakeshore South Road). Turn right onto SR1656 to to end of paved road.
- O - 3-1 Railroad crossing on SR1397 between Highway 16 and SR1396.
- O - 4-1 Church on Highway 16 between SR1397 and railroad crossing on Highway 16.
- O - 5-1 Bridge over Killian Creek on SR1511 (MNS TLD #168).
- P - 5-1 Railroad crossing on SR1380.

- P - 5-2 Intersection of Highway 73 and SR1386 (MNS TLD #170).
- P - 6-1 Bridge over Anderson Creek on SR1385 between Highway 73 and SR1383.
- P - 6-2 Intersection of SR1380 (Triangle Road) and SR1381.
- P - 6-3 Turn right off of Highway 16 onto SR1379 (Webb's Chapel Road). Go to intersection of SR1379 and SR1376.
- P - 8-1 Bridge over Anderson Creek on SR1360 between Highway 73 and SR1383.
- P - 8-2 Bridge over Killian's Creek on SR1373 (Denver Road) between Highway 16 and SR1360.
- P - 8-3 Intersection of SR1375 and SR1635.
- P - 10-1 Intersection of SR1362 (Mechpelak Road) on Highway 73.
- P - 10-2 Intersection of SR1360 (Tucker's Campground Road) and SR1349.
- Q - 6-1 Intersection of SR1511 and SR1412, west from Highway 16.
- Q - 8-1 Bridge over Leepers Creek on SR1404 between SR1820 and SR1511.
- Q - 10-1 Intersection of SR1360 and SR1361.
- R - 3-1 From the plant travel west on Highway 73 and turn left off of Highway 73 on to SR1396. Travel south on SR1396 until it changes to SR1909. Go 1 mile south on SR1909.
- R - 5-1 Intersection of Highway 16 and SR1912 (Power Plant Road).
- R - 5-2 Intersection of Highway 16 and SR1905 (MNS TLD #167).
- R - 5-3 Turn left of Highway 16 on to SR1912 (Power Plant Road). Proceed east 1 mile on SR1912 (MNS TLD #166).
- R - 5-4 Turn left off of Highway 16 on to SR1912 (Power Plant Road). Proceed east 2 miles on SR1912 (MNS TLD #165).
- S - 7-1 Bridge over Leepers Creek on SR1820 in between SR1902 and SR1907.
- S - 7-2 Bridge over Dutchman's Creek on SR1905 in between SR1820 and SR1919.
- S - 8-1 Intersection of SR1820 and SR1902.
- S - 8-2 Intersection of SR1919 and SR1918.
- S - 8-3 South end of SR1935.
- S - 8-4 Turn right off of Highway 16 onto Highway 273. Proceed south on Highway 273 for 2 miles.
- S - 9-1 Intersection of Highway 27 and SR1902.
- S - 10-1 Bridge over Stanley Creek on Highway 273 one half of a mile before Highway 27.

AIRBORNE RADIATION MONITORING DATA SHEET
HELICOPTER SURVEY RESULTS

Station _____
*FMC _____
Pilot _____

Page ____ of ____
Date _____
Helicopter I.D. _____

*Met. Data: Wind Speed _____ MPH;
Survey Instruments: Type _____; I.D. Number _____
Type _____; I.D. Number _____

Wind Direction: From _____°; Azimuth _____° to _____°

*Route - Airborne Check Point (APC)
APC Leg From _____ to _____

*Route - Airborne Check Point (ACP)
ACP Leg From _____ to _____

Description: From _____
To _____

Description: From _____
To _____

Survey Criteria: Interval _____ Sec.; Air Speed _____ MPH
Altitude _____ ft.

Survey Criteria: Interval _____ Sec.; Air Speed _____ MPH
Altitude _____ ft.

Start Time _____ (All readings in mR/hr.)				
1		16		31
2		17		32
3		18		33
4		19		34
5		20		35
6		21		36
7		22		37
8		23		38
9		24		39
10		25		40
11		26		41
12		27		42
13		28		43
14		29		44
15		30		45

Start Time _____ (All readings in mR/hr)				
1		16		31
2		17		32
3		18		33
4		19		34
5		20		35
6		21		36
7		22		37
8		23		38
9		24		39
10		25		40
11		26		41
12		27		42
13		28		43
14		29		44
15		30		45

* Data provided by FMC

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP - 18

"Environmental Monitoring for Emergency Conditions
Within the Ten Mile Radius of Oconee Nuclear Station"

Rev. 6
Nov. 30, 1984

ENVIRONMENTAL MONITORING FOR EMERGENCY CONDITIONS
WITHIN THE TEN MILE RADIUS OF OCONEE NUCLEAR STATION
CRISIS MANAGEMENT PLAN

PROCEDURE

- 1.0 The Field Monitoring Coordinator (FMC) will direct the Field Teams as described in the attached Station Procedure CP/O/B/4003/01.
- 2.0 The FMC will operate out of the Oconee Training Center after the CMC is established. The FMC will forward information provided by the Field Teams to the Off-site Radiological Manager, the Dose Assessment Coordinator, the Off-site Notification Coordinator, and the TSC H.P. Staff. The FMC will ensure adequate continued staffing of the Field Teams. The FMC will confer periodically (every hour) with the State Field Team Coordinator to compare findings.
- 3.0 The attached procedure CP/O/B/4003/01 directs their actions. In addition, the teams shall review their received doses (on pocket dosimeters) at times appropriate to prevailing dose rates.

CONTROL COPY

INFORMATION ONLY

DUKE POWER COMPANY
PROCEDURE PREPARATION
PROCESS RECORD

(1) ID No: CP/O/B/4003/01
Change(s) n/a to
_____ Incorporated

- (2) STATION: OCONEE
- (3) PROCEDURE TITLE: Procedure for Environmental Surveillance Following a Large Unplanned Release of Gaseous Radioactivity
- (4) PREPARED BY: John W. Cain DATE: 5 JUN 84
- (5) REVIEWED BY: Jimmy Jones DATE: JUNE 5, 1984
Cross-Disciplinary Review By: Craig T. Foster N/R: _____
- (6) TEMPORARY APPROVAL (IF NECESSARY):
By: _____ (SRO) Date: _____
By: _____ Date: _____
- (7) APPROVED BY: J. B. [Signature] Date: 6/15/84
- (8) MISCELLANEOUS:
Reviewed/Approved By: _____ Date: _____
Reviewed/Approved By: _____ Date: _____

DUKE POWER COMPANY
OCONEE NUCLEAR STATION
EMERGENCY PLAN/CRISIS MANAGEMENT PLAN
PROCEDURE FOR ENVIRONMENTAL SURVEILLANCE FOLLOWING A LARGE
UNPLANNED RELEASE OF GASEOUS RADIOACTIVITY

1.0 Purpose

To provide a procedure for identifying gaseous plumes and obtaining field data indicative of the radiation exposure to the general public following an unplanned release of gaseous activity in excess of the limits established by Section 20.403(b)(2) of 10CFR20.

2.0 Limits and Precautions

- 2.1 The Field Monitoring Coordinator (FMC) or Environmental Surveillance Coordinator shall report to the Station Health Physicist (Technical Support Center) once the Emergency Plan has been implemented.
- 2.2 The FMC shall report to the Off-Site Radiological Coordinator (System Health Physicist or designee) once the Crisis Management Center has been established.
- 2.3 The FMC or designee shall call the Field Monitoring Supervisor(s) and team members to report to the Environmental Lab once the Emergency Plan has been implemented. The names and telephone numbers of these individuals are listed in Enclosure 5.1.
- 2.4 The field monitoring teams shall use particulate masks and protective clothing whenever activity (measured with the Eberline E-120 or PIC 6A) significantly exceeds normal background or when directed by the FMC.
- 2.5 If the team members expect to be exposed to ^{131}I in excess of 10 MPC (9×10^{-8} $\mu\text{C}/\text{ml}$), or if directed by the FMC each team member shall ingest a 130 milligram tablet of potassium iodide.
- 2.6 Environmental sampling during emergency conditions shall not replace, but rather supplement normal environmental monitoring.
- 2.7 The multichannel analyzers (MCA) shall be calibrated and source checked monthly. The MCA shall also be source checked prior to field use.
- 2.8 The Eberline Geiger Counters (E-120 with HP-270 detector), PIC 6As, and Portable Air Samplers (RADeCO H-809 F) shall be calibrated quarterly (CP/O/B/4003/06).
- 2.9 An inventory of the emergency kits shall be conducted quarterly to ensure that all items needed are readily available (CP/O/B/4003/06).

- 2.10 Personnel shall adhere to all company safety rules regarding driving of vehicles or boats.
- 2.11 Annual training in the use of this procedure and the associated equipment and instrumentation shall be conducted. Upon completion of the training, documentation of training will be accomplished by completing a Training Content Summary Form, which will be forwarded to the Training and Safety Section.

3.0 Procedure

- 3.1 Upon request for off-site environmental monitoring by the Station Health Physicist and/or the Off-Site Radiological Coordinator, the FMC shall report to the Technical Support Center (TSC). The Field Monitoring Supervisor(s) and members of the six (6) field teams, including at least one (1) Mobile MCA team, shall report to the Environmental Lab to obtain the emergency kits and to initiate surveillance requirements.
- 3.2 One mobile MCA team (Alpha), three land field teams, (Bravo, Charlie, Delta) and one boat team (Echo) consisting of 2 technicians each and one helicopter team (Foxtrot) consisting of 1 technician shall be formed as follows:

<u>Team Call Sign</u>	<u>Transportation *</u>
"Alpha"	Environmental Vehicle #8191 (1980 Ford Bronco)
"Bravo"	Admin. Services Vehicle #6888 (1978 Ford Bronco)
"Charlie"	Admin. Services Vehicle #4205 (1974 Chevy Blazer)
"Delta"	Maintenance Vehicle #7770 (1979 Ford Pickup-Blue)
"Echo"	Maintenance Vehicle #8134 (1980 Ford Pickup-White)
"Foxtrot"	Administrative Vehicle #9971 (1983 Ford Station Wagon-Brown)
	Administrative Vehicle #55 (1984 Ford Station Wagon-Blue)

*Pool of transportation - vehicles not limited to specific teams.

- 3.2 The field teams upon obtaining their emergency kits and emergency vehicles shall before leaving the site:
- 3.3.1 Verify radio communications with the Technical Support Center or Crisis Management Center Base Station using proper radio procedures (Procedure CP/O/B/4003/03).
- 3.3.2 Ensure the Portable Power Generators are operational and fully fueled.
- 3.3.3 Battery and source (Cs-137) check Eberline E-120 survey instrument, PIC 6A, and MCA for proper operation.
- 3.3.4 Ensure vehicle and spare gas can (for portable generator) are fueled to maximum capacity.

3.4 Action Plan

- 3.4.1 The Field Monitoring Coordinator's group (Enclosure 5.1) shall consist of the FMC, two alternates, two supervisors, six radio operators and twenty-two field monitoring team members (including two of the four radio operators).
- 3.4.1.1 The radio operator(s) shall set up the communications equipment in the TSC and maintain communications with the Field Teams using proper radio procedures (Procedure CP/O/B/4003/03).
- 3.4.2 Coordinator Action
- 3.4.2.1 The FMC shall be located in the Technical Support Center (TSC) and report to the Station Health Physicist once the TSC is established. Once the Crisis Management Center is established the FMC will report to the Off-Site Radiological Coordinator.
- 3.4.2.2 Plume direction and sector(s) to be monitored shall be determined by the FMC using CP/O/B/4003/02.
- 3.4.2.3 The FMC shall direct the efforts of the Field Teams in obtaining pertinent field measurements and implement monitoring strategies and sample collection requirements.
- 3.4.2.4 The FMC shall advise the Dose Assessment Coordinator of results of field measurements.
- 3.4.2.5 The FMC shall assure adequate staffing and resources for the Field Teams.
- 3.4.2.6 The FMC shall assimilate all the data accumulated during the emergency event to facilitate report preparations.
- 3.4.3 Supervisor Action
- 3.4.3.1 The Field Monitoring Supervisor shall assist the FMC and be prepared to serve as the FMC in his absence.
- 3.4.3.2 The Field Monitoring Supervisor shall obtain meteorological information from the Station Health Physicist in the Technical Support Center or the Unit 1 Control Room. When the Crisis Management Center is established meteorological information shall be obtained from the Off-Site

Radiological Coordinator. Meteorological conditions shall be reviewed approximately every 15 minutes for possible changes that would affect the plume direction and the sector(s) to be monitored (CP/O/B/4003/02).

- 3.4.3.3 The Supervisor shall dispatch Field Teams to predetermined survey points within the designated (downwind) sector(s). Predetermined sampling locations are located by using Enclosure 5.2 and the map in each kit.
- NOTE: The predetermined sampling locations are reference points only. Teams should cruise back and forth across sectors to pin-point the radioactive plume using the Eberline E-120 (primary) or PIC 6A. Once the plume is located then ^{131}I activity should be determined.
- 3.4.3.4 The supervisor shall direct the teams as required to expedite analysis of air samples for ^{131}I .
- 3.4.3.5 Field Teams E and F may or may not be dispatched immediately. Team E, the boat team, will be used to monitor plume activity over Lake Keowee. Team F is the helicopter team and will monitor the plume from the air if determined feasible by the Offsite Radiological Coordinator. Enclosure 5.3 outlines the procedure for obtaining the use of the helicopter.
- 3.4.3.6 The Supervisor or Radio Operator shall record all team data as received on Enclosure 5.4 such as:
- 3.4.3.6.1 Location and status of team.
 - 3.4.3.6.2 Location and time of sample.
 - 3.4.3.6.3 Dose Rates in mR/hr [Eberline E-120 (primary) or PIC 6A].
 - 3.4.3.6.4 Air Sampling Results in $\mu\text{Ci/ml}$ of ^{131}I (ND-6)
 - 3.4.3.6.5 Additional Samples Collected (Smears, Water Samples, etc.)
- 3.4.3.7 Illustrate and maintain up-to-date locations of teams on the 10 mile radius maps.
- 3.4.3.8 Instruct teams to collect and replace TLD's and the CP-100 Charcoal Cartridges and particulate filters from air samplers located in the environment as part of the normal environmental monitoring

program (Procedures CP/O/B/4005/13 and CP/O/B/4005/05, respectively). Collect only those air samples and TLD's which are necessary for plume detection. Locations of TLD's and Air Samplers are listed in Enclosure 5.6.

3.4.4 Team Action

- 3.4.4.1 At least one Field Team shall be designated as the Mobile MCA Team. This team will have a MCA and be responsible for analyzing air samples from all teams for ^{131}I . Additional MCAs shall be designated for the boat team or other land teams based on conditions and need.
- 3.4.4.2 Upon verification that all equipment is operating satisfactorily, the Field Teams shall proceed as directed their predetermined survey points (Enclosure 5.2) within the sector(s) designated by the Field Monitoring Coordinator or Supervisor.
- 3.4.4.3 The Field Teams shall maintain open communications with the Field Monitoring Coordinator or Supervisor, providing sample results as required at each of the sampling locations.
- 3.4.4.4 As directed by the FMC or Supervisor the teams shall travel back and forth between predesignated sample locations:
 - 3.4.4.4.1 Using the Eberline E-120 with HP-270 detector or FIC 6A, perform a general area Beta-Gamma survey to determine noble gas concentrations in mR/hr. Record date, time, location and dose rate (mR/hr) on Field Monitoring Data Sheet (Enclosure 5.7) and report this information to the FMC.
 - 3.4.4.4.2 Teams may be directed to take an air sample ($\geq 10^6$ ml) using the RADeCO Portable Air Sampler equipped with a Silver Zeolite Cartridge and particulate filter. Use Enclosure 5.8 to ascertain sample time [based on the calibrated flow rate (CFM) of the Air Sampler] for obtaining a minimum sample volume ($\geq 10^6$ ml). Use the stopwatch to ensure correct number of minutes for an adequate sample. Record Date/Time/

location of sample, sample run time (min.) and calibration sticker air flow (cfm) on Enclosure 5.9, Column "A", "B", and "C", respectively. Calculate the sample volume in milli-liters (must be $\geq 10^6$ ml) as follows:

$$\text{Sample Volume (ml)} = \frac{\text{Calibrated Flow Rate (CFM)} \times \text{Sample Run Time (min)}}{2.83 \times 10^4 \text{ ml/ft}^3}$$

Record Sample Volume (ml) on Enclosure 5.9, Column "H".

- 3.4.4.4.3 Place the silver zeolite cartridge in a poly sample bag and label the bag.
- 3.4.4.4.4 At the direction of the Field Monitoring Supervisor meet the Mobile MCA Team and have the sample counted as per the applicable procedure. Record CPM on Enclosure 5.9, Column "E".
- 3.4.4.4.5 Calculate ^{131}I Activity ($\mu\text{Ci/ml}$) as directed in Enclosure 5.9 and record under Column "I".
- 3.4.4.4.6 Report results of ^{131}I measurement (Column "I", Enclosure 5.9) to the FMC in $\mu\text{Ci/ml}$.
- 3.4.4.4.7 Place the particulate filter from the air sampler in a separate poly bag, label and retain for later analysis.
- 3.4.4.4.8 (Optional) Take smears at locations as directed by the FMC, place them in separate poly bags, label and retain for later analysis.
- 3.4.4.4.9 (Optional) Collect water samples in cubitainers at locations and times designated by the FMC. Label the cubitainers and retain for later analysis.
- 3.4.4.4.10 (Optional) Place TLDs at locations and times designated by the FMC.
- 3.4.4.4.11 (Optional) Collect air samples and TLDs that are located in the environment as part of the normal environmental

monitoring program as directed by the FMC. Record locations and collection times. Locations are listed in Enclosure 5.6.

- 3.4.4.4.12 Return all samples to the Environmental Lab or Crisis Management Center as directed by the FMC. Samples shall be counted onsite by Health Physics or transported to the Environmental Lab, Huntersville, N.C. for counting. The Crisis Management Center Administration and Logistics Group shall be responsible for transporting the samples expeditiously to the Environmental Lab if required.
- 3.4.4.4.13 Turn in all data sheets (Enclosures 5.7 and 5.9) to FMC or designee.
- 3.4.4.4.14 The teams shall be supplemented, relieved, or secured as directed by the FMC.

4.0 References

- 4.1 Procedure CP/O/B/4003/02, The Determination of Plume Direction and Sector(s) to be Monitored Following a Large Unplanned Release of Gaseous Radioactivity.
- 4.2 Procedure CP/O/B/4003/03, Emergency Radio System Operations, Maintenance and Communications.
- 4.3 Procedure CP/O/B/4003/04, Operation of The ND-6, Portable Multichannel Analyzer
- 4.4 Procedure CP/O/B/4003/05, Energy Calibration and Efficiency Determination For the ND-6
- 4.5 Procedure CP/O/B/4003/06, Inventory, Calibrations and Operational Verification of Emergency Equipment.

5.0 Enclosures

- 5.1 Field Monitoring Organization.
- 5.2 Predetermined Sampling Locations by Sector and Distance from ONS
- 5.3 Procurement of Helicopter(s) for Emergency Environmental Surveillance.
- 5.4 Radio Operator's Log
- 5.5 Helicopter Survey Results

- 5.6 Air Sampler and TLD Locations for Normal Environmental Monitoring Program.
- 5.7 Field Monitoring Data Sheet for Dose Rate Measurements.
- 5.8 Sample Time Required For Minimum-Sample Volume.
- 5.9 Field Monitoring Team Work Sheet for Determining ¹³¹I Activity.

ENCLOSURE 5.1
FIELD MONITORING ORGANIZATION

FIELD MONITORING COORDINATOR (FMC) AND RADIO OPERATORS (RO)

Primary FMC: J. W. Crain - Office: [REDACTED] Home: [REDACTED]
Alternate(s): J. R. Leonard - Office: [REDACTED]; Home: [REDACTED]
C. V. Wray - Office: [REDACTED] Home: [REDACTED]
TSC RO: Field Monitoring Team Member, Part A 1-7 listed below.
TSC Alternate:
CMC Primary RO: J. Painter - Office: [REDACTED] Home: [REDACTED]
CMC Primary RO: S. A. Gewehr - Office: [REDACTED] Home: [REDACTED]
CMC Primary RO: R. Ouellette - Office: [REDACTED] Home: [REDACTED]
CMC Alternate: G.M. Harrison - Office: [REDACTED]; Home: [REDACTED]
CMC Alternate: R. L. Rivard - Office: [REDACTED]; Home: [REDACTED]
CMC Alternate: S. E. LeRoy - Office: [REDACTED] Home: [REDACTED]

FIELD MONITORING SUPERVISORS

J. M. Stevens Office: [REDACTED] Home: [REDACTED]
G. W. Sain Office: [REDACTED] Home: [REDACTED]

FIELD MONITORING TEAM MEMBERS

A. Chemistry (ONS)

1. *Bobby Lee - Ext. [REDACTED] Home: [REDACTED]
2. Gina Roach - Ext. [REDACTED] Home: [REDACTED]
3. Keith Beddingfield - Ext. [REDACTED] Home: [REDACTED]
4. *Bobby Childress - Ext. [REDACTED] Home: [REDACTED]
5. *Lynette Fant - Ext. [REDACTED] Home: [REDACTED]
6. *Judy Head - Ext. [REDACTED] Home: [REDACTED]
7. Rick Morris - Ext. [REDACTED] Home: [REDACTED]
8. *Sandra Luedeman - Ext. [REDACTED] Home: [REDACTED]
9. Terry Schuler - Ext. [REDACTED] Home: [REDACTED]
10. Darrell Lewis - Ext. [REDACTED] Home: [REDACTED]

B. Health Physics (ONS)

1. Steve Alexander - Ext. [REDACTED] Home: [REDACTED]
2. Harry Hunter - Ext. [REDACTED] Home: [REDACTED]
3. Randy Smith - Ext. [REDACTED] Home: [REDACTED]
4. *Tom Smith - Ext. [REDACTED] Home: [REDACTED]
5. Janet Hutchins - Ext. [REDACTED] Home: [REDACTED]
6. *Don Davis - Ext. [REDACTED] Home: [REDACTED]
7. *Paul Tichenor - Ext. [REDACTED] Home: [REDACTED]
8. Barry Stewart - Ext. [REDACTED] Home: [REDACTED]
9. *Steve Kirkland - Ext. [REDACTED] Home: [REDACTED]
10. Robert Taylor - Ext. [REDACTED] Home: [REDACTED]

*Can be on site within 30 minutes

ENCLOSURE 5.2
 PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

<u>Sampling Sector</u>	<u>Sampling Location</u>	<u>Responsible Team</u>	<u>Radius from ONS (Mi)</u>	<u>Description of Sampling Locations</u>
N	A-1	E	1	Lake Keowee - Midlake due west of Warpath Access Area
N	A-2	B or E	3	Gap Hill Landing
N	A-3	E	3	West Shoreline of Lake Keowee from Gap Hill Landing
N	A-4	E	5	East Shoreline of Lake Keowee - Due East from Crow Creek Island
N	A-5	E	5	Midlake at Crow Creek Island
N	A-6	C or E	5	Old Town Landing
N	A-7	D	10	Keowee Toxaway State Park
N	A-8	D or E	9	Hwy 11 Bridge over Lake Keowee
NNE	B-1	A or E	1	Warpath Access Area
NNE	B-2	B	3	Junction of Hwy 157 (Gap Hill Rd) and 500 KV Transmission Line
NNE	B-3	B	3	Lake Hill Acres Campground - Hwy 157 (Gap Hill Rd)
NNE	B-4	C	5	Junction of Hwy 133 & 327
NNE	B-5	C	5	Hwy 327, Keowee Church
NNE	B-6	D	9	Junction of Hwy 133 & 49 (Shady Grove Church)
NE	C-1	A	1	Hwy 183, 1 mile N of Lake Hartwell at Steel Gate (West Side of Road)
NE	C-2	B	3	Junction of Hwy 183 & 157 (Gap Hill Rd)
NE	C-3	C	4	Love & Care Nursing Home (Love & Care Rd)
NE	C-4	C	5	Junction of Hwy 133 and Hunting Hollow Rd
NE	C-5	D	10	Martin Grove Church, Junction of Hwy 172 & 32
NE	C-6	D	10	Junction of Hwy 32 & 33
ENE	D-1	A	1	Hwy 183 N of Keowee Hydro Station Tailrace Bridge @ Keowee Cabins
ENE	D-2	B	3	Junction of Hwy 157 (Gin Shoals Rd.) and Shadydale Circle
ENE	D-3	C	5	Junction of Hwy 137 and Belle Shoals Rd

ENCLOSURE 5.2 (Cont.)
PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

<u>Sampling Sector</u>	<u>Sampling Location</u>	<u>Responsible Team</u>	<u>Radius from ONS (Mi)</u>	<u>Description of Sampling Locations</u>
ENE	D-4	C	5	Hwy 137, 1.5 miles east of Hwy 183 at first road junction
ENE	D-5	D	10	Junction of Hwy 267 & 12 Mile Creek
ENE	D-6	D	10	Junction of Hwy 273 & 12 Mile Creek
ENE	D-7	D	10	Junction of Hwy 183 & 287
E	E-1	A	1	Old Pickens Grocery, Junction of Hwy 182 & 160
E	E-2	B	3	Bridge @ Junction of Hwy 291 (Old Seneca Hwy) & Six Mile Creek
E	E-3	B	3	Entrance to Foxfire Estates off Hwy 291 1 mile N of Hwy 160
E	E-4	C	5	Junction of S.C. 133 & County 137 @ Six Mile Post Office
E	E-5	C	5	Junction of Hwy 133 & 337 (Maw Bridge Rd)
E	E-6	C	5	Junction of Hwy 337 & Camp Creek Rd
E	E-7	D	10	Folly Springs Church on Hwy 22
E	E-8	D	10	Junction of Hwy 158 & 137
E	E-9	D	10	Junction of Hwy 93 & 171
ESE	F-1	A	1	Hwy 183 Bridge across Lake Hartwell
ESE	F-2	B	3	Junction of Hwy 160 & Furman L. Smith Rd
ESE	F-3	B	3	Junction of Furman L. Smith Rd & Hwy 101 (Knoll View Road)
ESE	F-4	C	5	Junction of Hwy 277 & 337 (Maw Bridge Rd)
ESE	F-5	D	10	Junction of Hwy 165 & 44 (Central, S.C.)
ESE	F-6	D	10	Midway Church, Junction of Hwy 395 & 91
ESE	F-7	D	10	Junction of Hwy 93 & 51 (Norris, S.C.)
SE	G-1	A	1	Hwy 183 @ Old Pickens Church
SE	G-2	B	3	Hwy 291 @ entrance to Toby Hills Subdivision
SE	G-3	C	5	Pleasant Hill Church @ Junction of Hwy 160 & 133
SE	G-4	C	5	Daniel High School @ Junction of Hwy 133 & 15

ENCLOSURE 5.2 (Cont.)
PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

Sampling Sector	Sampling Location	Responsible Team	Radius from ONS (Mi)	Description of Sampling Locations
SE	G-5	D	7	Junction of Hwy 15 & 102 (Central, S.C.)
SE	G-6	D	10	Junction of Hwy 123 & 18
SE	G-7	D	10	Junction of Hwy 123 & 30
SSE	H-1	A	1	Junction of Hwy 183 & 6
SSE	H-2	B	3	Hwy 291 two miles S of Hwy 160
SSE	H-3	B	5	Hwy 291 & 27 @ Isaquena Park Entrance
SSE	H-4	B	5	Hwy 27, Lawrence-Ramsey Bridge Access Area
SSE	H-5	C	9	Junction of Hwy 123 & 133 (Clemson, S.C.)
SSE	H-6	C	9	Junction of Hwy 123 & 93 (Clemson, S.C.)
SSE	H-7	C	9	Junction of Hwy 93 & 320 @ Littlejohn Colliseum
SSE	H-8	C	10	Bridge across Lake Hartwell 1 mile E of Hwy 149 & 115 Junction
S	I-1	A	1	0.5 Miles SW of Junction 130 & 6 @ Beaver Pond Marker
S	I-2	A	3	Hwy 130 @ Holder's Landing
S	I-3	B	5	Junction of Hwy 27 & N Bayshore Dr.
S	I-4	B	5	Junction of Hwy 27 & 359 (Hanover Hills)
S	I-5	B	5	Corinth Baptist Church, Hwy 1 (Old Clemson Hwy)
S	I-6	C	10	Junction of Hwy 37 & 210
S	I-7	C	10	Clemson, Oconee Airport, Hwy 37
SSW	J-1	A	1	Junction of Hwy 183 & 130
SSW	J-2	A	3	Junction of Hwy 130 & 38
SSW	J-3	E	3	Lake Keowee, East Shoreline
SSW	J-4	B	5	Hwy 130 @ South end of Newry Dam
SSW	J-5	E	5	Lake Keowee, Midlake west of Newry Dam
SSW	J-6	B	8	Junction of Hwy 130 & 123
SSW	J-7	C	9	Utica Elementary School, Seneca, S.C.
SSW	J-8	C	8	Seneca Water Plant

ENCLOSURE 5.2 (Cont.)
PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

<u>Sampling Sector</u>	<u>Sampling Location</u>	<u>Responsible Team</u>	<u>Radius from ONS (Mi)</u>	<u>Description of Sampling Locations</u>
SW	K-1	A	1	Old Hwy 183, 1/4 mile W of Hwy 130
SW	K-2	E	3	Lake Keowee, Midlake beneath Norcross Ga. 500 KV Transmission Line
SW	K-3	B	5	Fairview Church, Hwy 340
SW	K-4	B	5	Crooked Creek Bridge across Lake Keowee on Hwy 188
SW	K-5	C	9	Oconee Memorial Hospital @ Hwy 123 & 28
SW	K-6	C	9	Head-Lee Nursery, Hwy 28
WSW	L-1	E	1	Lake Keowee, Cove immediately north of skimmer wall
WSW	L-2	E or A	3	End of Hwy 605 @ Lake Keowee
WSW	L-3	B	5	Junction of Hwy 46 & 175
WSW	L-4	B	5	2 Mi S of Hwy 46 & 175 Junction
WSW	L-5	C	10	Junction of Hwy 35 & 28 (West Union)
WSW	L-6	C	10	Junction of Hwy 11 & 28 (West Union)
W	M-1	E	1	Due West of ONS on Lake Keowee
W	M-2	A	3	Junction of Hwy 12 & 576
W	M-3	B	5	Junction of Hwy 223 & Crooked Creek
W	M-4	B	6	Junction of Hwy 183 & 40 (Patterson's Grocery)
W	M-5	C	8	Junction of Hwy 11 & 131
W	M-6	C	8	Junction of Hwy 11 & 183
WNW	N-1	E	1	Midlake, due west of Connecting Canal Bridge in Lake Keowee
WNW	N-2	A	3	Junction of Hwy 183 & 201
WNW	N-3	A	3	Junction of Hwy 201 & 92
WNW	N-4	B	5	Junction of Hwy 40 & 46
WNW	N-5	B	5	Little River Bridge on Hwy 132
WNW	N-6	C	9	Pickett Post @ Hwy 11
WNW	N-7	C	9	Junction of Hwy 11 and 94

ENCLOSURE 5.2 (Cont.)
PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

<u>Sampling Sector</u>	<u>Sampling Location</u>	<u>Responsible Team</u>	<u>Radius from ONS (Mi)</u>	<u>Description of Sampling Locations</u>
NW	O-1	A	1	Junction of Hwy 130 & 183 at Keowee Key Sign
NW	O-2	A or E	3	Stamp Creek Landing on Hwy 92
NW	O-3	B	5	Junction of Hwy 132 & unmarked Rd.
NW	O-4	B	5	Junction of Hwy 130 & 200
NW	O-5	C	10	Tamassee DAR School off Hwy 11
NW	O-6	C	10	Junction of Hwy 11 & 57
NNW	P-1	E	1	West shoreline of cove immediately north of connecting canal on Lake Keowee
NNW	P-2	A	3	Stamp Creek Church @ Junction of Hwy 128 & 130
NNW	P-3	B	5	Junction of Hwy 200 & Stamp Creek Bridge
NNW	P-4	B	5	Church of God @ Junction of Hwy 200 & 128
NNW	P-5	C	10	Junction of Hwy 11 & 171
NNW	P-6	C	10	Junction of Hwy 11 & 127


ENCLOSURE 5.3

PROCUREMENT OF HELICOPTERS FOR EMERGENCY ENVIRONMENTAL SURVEILLANCE

Inland Airways, Greenville, S. C., is under contract to Duke Power Company to furnish one helicopter upon request and an additional helicopter within six hours following notification. Once a helicopter is requested, there is a maximum elapsed time of three hours for the helicopter to arrive at Oconee or other dispatched locations.

Helicopter service is limited to daylight hours and adequate flying weather. The helicopters will hold three people, the pilot and two passengers. To perform surveys, instrumentation may limit the passenger space.

To obtain helicopter(s) for emergency service contact:

	<u>Office</u>	<u>Home</u>
1. L. W. Johnson*		
2. L. M. Whisonant*		
3. B. A. Turpin*		
4. D. M. Staggs*		

*These contacts are in Duke Power Company Transmission Dept., Line Division

ENCLOSURE 5.5
AIRBORNE RADIATION MONITORING DATA SHEET
HELICOPTER SURVEY RESULTS

STATION _____
AFMC _____
PILOT _____

PAGE ____ OF ____

DATE _____

HELICOPTER I.D. _____

MET. DATA: WIND SPEED _____ MPH; WIND DIRECTION: FROM _____°; AZIMUTH _____° to _____°

SURVEY INSTRUMENTS: TYPE _____; I.D. NUMBER _____
TYPE _____; I.D. NUMBER _____

ROUTE - AIRBORNE CHECK POINT (APC)
APC LEG FROM _____ TO _____

*ROUTE - AIRBORNE CHECK POINT (APC)
APC LEG FROM _____ TO _____

DESCRIPTION: FROM _____
TO _____

DESCRIPTION: FROM _____
TO _____

SURVEY CRITERIA: INTERVAL _____ SEC.; AIR SPEED _____ MPH
ALTITUDE _____ FT.

SURVEY CRITERIA: INTERVAL _____ SEC.; AIR SPEED _____ MPH
ALTITUDE _____ FT.

START TIME _____ (All Readings in mR/hr.)

1	16	31
2	17	32
3	18	33
4	19	34
5	20	35
6	21	36
7	22	37
8	23	38
9	24	39
10	25	40
11	26	41
12	27	42
13	28	43
14	29	44
15	30	45

START TIME _____ (All Readings in mR/hr.)

1	16	31
2	17	32
3	18	33
4	19	34
5	20	35
6	21	36
7	22	37
8	23	38
9	24	39
10	25	40
11	26	41
12	27	42
13	28	43
14	29	44
	30	45

ENCLOSURE 5.6
TLD AND AIR SAMPLER LOCATIONS FOR NORMAL ENVIRONMENTAL MONITORING
PROGRAM TLD LOCATIONS

- 020 Site Boundary Fence (0.2 miles N)
- 021 Site Boundary Fence (0.2 miles NNE)
- 022 Site Boundary Fence (0.5 miles NE)
- 023 Site Boundary Fence (0.9 miles ENE)
- 024 Site Boundary Fence (0.8 miles E)
- 025 Site Boundary Fence (0.6 miles ESE)
- 026 Site Boundary Fence (0.3 miles SE)
- 027 Site Boundary Fence (0.3 miles SSE)
- 028 Site Boundary Fence (0.5 miles S)
- 029 Site Boundary Fence (0.6 miles SSW)
- 030 Site Boundary Fence (0.4 miles SW)
- 031 Site Boundary Fence (0.2 miles WSW)
- 032 Site Boundary Fence (0.2 miles W)
- 033 Site Boundary Fence (0.2 miles WNW)
- 034 Site Boundary Fence (0.2 miles NW)
- 035 Site Boundary Fence (0.1 miles NNW)
- 036 Mile Creek Landing (4.0 mile. N)
- 037 Keowee Church, Hwy. 327 (4.5 miles NNE)
- 038 Mauldin's Grocery, Junction Hwy. 183 and 133 (4.0 miles NE)
- 039 Hwy. 133, ~ 1 mile east of Hwy. 183 and 133 junction (4.0 miles ENE)
- 040 Microwave Tower, Six Mile (4.5 miles E)
- 041 Junction Hwy. 101 and 133 ~ 1.5 miles S of Microwave Tower (4.0 miles ESE)
- 042 Lawrence Chapel Church, Hwy. 133 (5.0 miles SE)
- 043 Hwy. 291 at Entrance to Isaqueena Park (4.0 miles SSE)
- 044 Hwy. 130 at Little River Dam (4.0 miles S)
- 045 Terminus of Hwy. 588 into Lake Keowee (5.0 miles SSW)
- 046 Hwy. 188 at Crooked Creek Bridge (4.5 miles SW)
- 047 New Hope Church - Hwy. 188 (4.0 miles WSW)
- 048 Junction Hwy. 175 and 188 ~ ½ mile N of Keowee School (4.0 miles W)
- 049 Junction Hwy. 201 and 92 (4.0 miles WNW)
- 050 Stamp Creek Landing - End of Hwy. 92 (4.0 miles NW)
- 051 Hwy. 128 ~ 1 mile N of Hwy. 130 (4.5 miles NNW)
- 052 Duke Power Branch Office - Pickens (12.0 miles ENE)

ENCLOSURE 5.6 (Cont.)
TLD AND AIR SAMPLER LOCATIONS FOR NORMAL ENVIRONMENTAL MONITORING
PROGRAM TLD LOCATIONS

- 053 Duke Power Branch Office - Liberty (11.0 miles E)
- 054 Prayer Baptist Church - Hwy. 395 - Central (9.5 miles ESE)
- 055 Clemson Meteorology Plot (9.5 miles SSE)
- 056 Utica School - Seneca (8.5 miles SSW)
- 057 Oconee Memorial Hospital - Seneca (9.0 miles SW)
- 058 Branch Road Substation - Walhalla (Control) (10.0 miles WSW)
- 059 Tamassee DAR School (9.0 miles NW)

AIR SAMPLER LOCATIONS

- 060 Greenville Water Intake Access Road - (2.5 miles NNE)
- 061 Old Hwy. 183 (1.5 miles SSW)
- 072 Hwy. 130 (1.7 miles S)
- 073 Tamassee DAR School (9.0 miles NNW)
- 074 Keowee Key Sewage Treatment Plant - Hwy. 130 (1.7 miles NNW)

ENCLOSURE 5.8

SAMPLE TIME REQUIRED FOR MINIMUM SAMPLE VOLUME

FLOW RATE (CFM)	MINIMUM REQUIRED SAMPLING TIME IN MINUTES
.5	71
1.0	36
1.5	24
2.0	18
2.5	15
3.0	12
3.5	11
4.0	9
4.5	8

NOTE: When estimating time required to get a minimum volume of 1×10^6 ml if flow rate for the air sampler in use is not on table, go to next Lower flow rate.

Example: Air Sampler flow rate = 3.6. Minimum time = 11 minutes

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

CMIP-19

"Environmental Monitoring for Emergency Conditions
Within Ten Mile Radius of Catawba Nuclear Station"

Rev. 3
Nov. 30, 1984

ENVIRONMENTAL MONITORING FOR EMERGENCY CONDITIONS
WITHIN TEN MILE RADIUS OF CATAWBA NUCLEAR STATION
CRISIS MANAGEMENT PLAN

Procedure

- 1.0 Upon receiving a call to activate the Crisis Management Center (CMC) for a problem at Catawba, the Field Monitoring Coordinator (FMC) will notify the CMC Field Monitoring Organization for Catawba (See Enclosure 1) and have them report to the side entrance of the temporary administration building at Catawba. When the CMC is activated, or at the earliest convenient time, the Station Field Teams will be recalled to this position and the CMC Teams will resume monitoring, using the station vehicles and equipment.
- 2.0 The FMC will report to Room WC-1222 and, after activation of the CMC, will direct the teams as described in the attached Station Procedure HP/O/B/1009/04. The FMC will advise the Off-site Radiological Manager, the Off-site Notification Coordinator, the Dose Assessment Coordinator, and the TSC H.P. Staff of the results of Field Team measurements. The FMC will assure continued adequate staffing of the Field Teams. The FMC will confer periodically (every hour) with the State Field Team Coordinator to compare findings.
- 3.0 The Field Teams will survey and sample the area as described in the attached Station Procedure HP/O/B/1009/04 and as directed by the FMC. In addition, they shall review their received doses (on pocket dosimeters) at times appropriate to prevailing dose rates.

Enclosure 1

CMC Field Team Members To Support Catawba Emergencies

	<u>Home</u>	<u>Office</u>		<u>Home</u>	<u>Office</u>
Gary Harrison			Steve Abernathy		
Julie Cox			Glenn Long		
Grayden Cayton			Mike McConnell		
Doug Allen			Chris Miller		
Lovett Epps			Pete Dame		

Note: All members are from McGuire. They may be reached thru the microwave
or from outside lines thru the station operator at

DUKE POWER COMPANY
PROCEDURE PREPARATION
PROCESS RECORD

(1) ID No: HP/0/B/1009/04
Change(s) 0 to
0 Incorporated

- (2) STATION: CATAWBA
- (3) PROCEDURE TITLE: ENVIRONMENTAL MONITORING FOR EMERGENCY CONDITIONS
WITHIN THE TEN MILE RADIUS OF CATAWBA NUCLEAR STATION
- (4) PREPARED BY: Steve Jones DATE: 3-15-84
- (5) REVIEWED BY: [Signature] DATE: 3-19-84
Cross-Disciplinary Review By: _____ N/R: B.T. Kade
- (6) TEMPORARY APPROVAL (IF NECESSARY):
By: _____ (SRO) Date: _____
By: _____ Date: _____
- (7) APPROVED BY: Jw. by Date: 4/3/84
- (8) MISCELLANEOUS:
Reviewed/Approved By: _____ Date: _____
Reviewed/Approved By: _____ Date: _____

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
ENVIRONMENTAL MONITORING FOR
EMERGENCY CONDITIONS WITHIN THE
TEN MILE RADIUS OF CATAWBA NUCLEAR STATION

1.0 PURPOSE

To provide a method for identifying gaseous plumes or liquid effluent, and obtaining field data indicative of the radiation exposure to the general public following a suspected uncontrolled release of radioactivity. This procedure shall also be implemented by the Crisis Management Center once it is activated.

2.0 REFERENCES

- 2.1 HP/O/B/1000/06 Emergency Equipment Functional Check and Inventory
- 2.2 HP/O/B/1002/04 Collection of Operational Environmental Weekly Samples
- 2.3 HP/O/B/1002/05 Collection of Operational Environmental Monthly Samples
- 2.4 HP/O/B/1002/06 Collection of Operational Environmental Quarterly Samples
- 2.5 HP/O/B/1002/08 Collection of Operational Environmental Semimonthly Samples
- 2.6 HP/O/B/1002/10 Collection of Operational Environmental Semiannual Samples
- 2.7 HP/O/B/1003/05 Operating and Calibration Procedure: Eberline Model PIC-6A Portable Ion Chamber
- 2.8 HP/O/B/1003/12 Operating and Calibration Procedure: Eberline Model E-520 Portable Beta-Gamma Geiger Counter
- 2.9 HP/O/B/1003/17 Operation and Calibration Procedure: Canberra Series - 10 Portable MCA
- 2.10 HP/O/B/1003/31 Operation and Calibration: Eberline Model E1-0N Portable Count Rate Meter
- 2.11 HP/O/B/1009/16 Distribution of Potassium Iodide Tablets in the Event of a Radioiodine Release
- 2.12 HP/O/B/1009/19 Emergency Radio System Operations, Maintenance and Communications

3.0 LIMITS AND PRECAUTIONS

- 3.1 The Field Monitoring Teams (FMT) should park vehicles completely off the road when sampling.
- 3.2 Four (4) FMTs consisting of two (2) technicians per team and one (1) helicopter team (1 person) if necessary shall be formed as follows:

<u>Team Call Signs</u>	<u>Transportation</u>
Alpha	Land Vehicle
Bravo	Land Vehicle
Charlie	Land Vehicle
Delta	Land Vehicle
Echo	Helicopter

- 3.3 Each FMT shall use particulate masks and protective clothing whenever activity justifies it or when directed by the Field Monitoring Coordinator (FMC).
- 3.4 If the team members are expected to be exposed to I-131 in excess of 70 MPC (63×10^{-6} $\mu\text{Ci/ml}$), and directed by the FMC, each team member should ingest a tablet of potassium iodide per Reference 2.11.
- 3.5 Environmental sampling during emergency conditions shall not replace, but rather supplement normal environmental monitoring.
- 3.6 Each FMT shall maintain open radio communications with the FMC per Reference 2.12. If radio becomes inoperable, call in sample results on a phone at 831-8182 or 803/831-2282 (Lake Wylie/Charlotte), 861-0331 (Gaston County), 324-3128 (Rock Hill and Fort Mill).
- 3.7 If any equipment becomes inoperable, notify the FMC and wait for further instructions.
- 3.8 Annual training in the use of this procedure and the associated equipment and instrumentation shall be conducted and documented on TSR-10.
- 3.9 Portable MCA's shall be picked up at the Health Physics instrument issue point when directed by the FMC. Ensure that the dewars are adequately filled per Reference 2.9.
- 3.10 When returning kits to the Emergency Kit Storage Room, perform an equipment inventory check using the Environmental Survey Kit Checklist (Reference 2.1). Note deviations and forward to the Respiratory/Instrument Calibration Supervisor.

4.0 PROCEDURE

4.1 Activation

- 4.1.1 Upon notification and assembly (FMC), the FMT members shall:

- 4.1.1.1 Report to the Health Physics area on the 609' elevation (on back shifts report to Administration Building) and wait for further instructions from the FMC.
 - 4.1.1.2 Report to the Emergency Kit Storage Room in the Temporary Administration Building to get Environmental Survey Kits.
 - 4.1.1.3 Ensure the Portable Power Generator is operational and the gas can is fully fueled (Reference 2.1).
 - 4.1.1.4 Ensure the tamper seal on the Environmental Survey kits have not been broken and inventory any that have (Reference 2.1).
 - 4.1.1.5 Don TLD and pocket dosimetry and fill out dose cards.
 - 4.1.1.6 Battery and source check survey instruments and portable MCA for proper operation (References 2.7, 2.8, 2.9, 2.10).
 - 4.1.1.7 Ensure the portable radios are functional before leaving (Reference 2.12).
 - 4.1.1.8 Obtain emergency vehicles as directed in Enclosure 5.8.
 - 4.1.1.9 Each FMT will proceed to the survey point assigned by the FMC (Enclosure 5.3).
- 4.2 Locating and Tracking the Plume
- 4.2.1 At the assigned survey point, the FMT shall perform a general area Beta vs. Beta-Gamma survey. This method should be used to locate center and width of plume.
 - 4.2.1.1 Record date, time, location and dose rate (mr/hr) on the Field Monitoring Data Sheet (Enclosure 5.4).
 - 4.2.2 If survey results are less than or equal to expected background, call in the results to the FMC and wait for further instructions.
 - 4.2.3 If survey results are greater than background, take protective actions as necessary. Then, if directed, take an air sample (volume should be $> 10^6$ ml) equipped with a Silver Zeolite Cartridge and particulate filter.
 - 4.2.3.1 Insert cartridge with arrow pointing in.

- 4.2.3.2 Insert filter paper with smooth side facing out.
 - 4.2.3.3 Calculate required sample time per Enclosure 5.5.
 - 4.2.3.4 When air sample is completed, place the Silver Zeolite Cartridge in a poly bag for analysis.
 - 4.2.3.5 Place filter in a separate poly bag, label and retain for later analysis.
 - 4.2.3.6 Follow instructions on the Field Monitoring Team Work Sheet and the attached Operator Guidelines (Enclosure 5.6) to record air sample information and analyze the cartridge on the Canberra-10.
- 4.3 Special Sampling, as directed:
- 4.3.1 All sampling outside of Auxiliary, Service and Turbine Buildings should be done in conjunction with Operations Support Center (OSC) personnel.
 - 4.3.2 Take smears and place them in separate poly bags, label and retain for later analysis.
 - 4.3.3 Count smears on E140N and record on Field Monitoring Data Sheet (Enclosure 5.4). Call in results to FMC.
 - 4.3.4 Collect water samples in cubitainers using good Health Physics practices and label and retain for later analysis.
 - 4.3.5 Place TLD's in the environment.
 - 4.3.6 Retrieve and replace air sample and/or TLD's that are already located in the environment. Locations are listed in Enclosure 5.1. Place samples in separate poly bags, label and retain for later analysis.
 - 4.3.7 Collect broad leaf vegetation sample (one square meter) label and retain for later analysis (Reference 2.12).
 - 4.3.8 Collect shoreline sediment sample (one liter) label and retain for later analysis (Reference 2.6).
 - 4.3.9 Collect milk sample (one full cubitainer) label and retain for later analysis (Reference 2.5). Locations are listed in Sample Enclosure 5.2.
- 4.4 Turnover
- 4.4.1 Each FMT shall be relieved as directed by the FMC.
 - 4.4.2 Inform the relief FMT of the equipment inventory status.

- 4.4.3 Direct the relief FMT to don TLD's and pocket dosimetry and fill out dose cards.
- 4.4.4 Return all samples to the Emergency Kit Storage Room as directed by the FMC.
- 4.4.5 Turn in all data sheets to the FMC or his designee.

5.0 ENCLOSURES

- 5.1 Air Sampler, TLD, and Water Sample Locations
- 5.2 Milk Sample Locations
- 5.3 Predetermined Sampling Locations
- 5.4 Sample of Field Monitoring Data Sheet
- 5.5 Sample Time Required For Minimum Sample Volume
- 5.6 Sample of Field Monitoring Team Work Sheet For Determining Iodine Activity
- 5.7 TSC Field Monitoring Organization
- 5.8 Emergency Vehicles

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.1
 AIR SAMPLER, TLD, AND WATER SAMPLE LOCATIONS

Air Sample Locations (need key CPD-1)

<u>Zone</u> & <u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0 1	1	Hwy 274-N, right Liberty Hill Rd., right in fork to end (Air CNS #200, need key).
A0 1	5	Left at Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Rd., left on Blue Bird Ln., through gate to end (Air CNS #201, need key).
B1 3	1	Hwy 49-N, right Hwy 160, right at Tega Cay sign (98), right before Tega Cay entrance into Duke Power Company substation (Air CNS #212, need key).
C2 10	5	Hwy 274-S, left Hwy 161, right Mt. Gallant Rd. (195), right Hwy 21-121 By-Pass, right on Hwy 72 - 121 By-pass, left on dirt road (Trash Pile Rd.) across from Wayne's Auto Service, go to Duke Power Company substation (Air CNS #217, need key).
A0 1	26	. Behind Catawba Nuclear Station overlook (Air CNS #205, need key).

TLD Locations

I. Site Boundary TLD's

<u>Zone</u> & <u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0 1	44	Hwy 274-N, right Liberty Hill Rd., right in fork, pass softball field to large rocks at fence on right. TLD is on fence (TLD CNS #222).
A0 1	1	Hwy 274-N, right Liberty Hill Rd., right in fork to end (TLD CNS #200, need key).
A0 1	5	Left at Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Rd., left on Blue Bird Ln., through gate to end (TLD CNS #201, need key).
A0 1	8	Left at Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Rd. Go to first drive on right past Paradise Pl., TLD across road (TLD CNS #202).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.1
 AIR SAMPLER, TLD. AND WATER SAMPLE LOCATIONS

<u>Zone & Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0 1	11	Left at Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Rd. TLD is .1 miles on left in curve (TLD CNS #223).
A0 1	14	Left at Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd. TLD .2 miles on right (TLD CNS #224).
A0 1	45	Left at Steam Production entrance on Concord Rd., left on Old Concord Rd. to end. TLD on fence on left (TLD CNS #203).
A0 1	17	Left at Steam Production entrance on Concord Rd. to first transmission tower on left after bridge (TLD CNS #225).
A0 1	20	Left at Steam Production entrance on Concord Rd., TLD on left across bridge just past fence (TLD CNS #226).
A0 1	23	Left at Steam Production entrance on Concord Rd., TLD on left at beginning of guardrail posts (TLD CNS #204).
A0 1	26	Behind Catawba Nuclear Station overlook (TLD CNS #205).
A0 1	29	Left at Steam Production entrance on Concord Rd., TLD at Shady Shore Dr. on right corner at Bethel Community Clubhouse sign (TLD CNS #227).
A0 1	32	Right at Steam Production entrance on Concord Rd., TLD at first dirt left (Valelake Dr.) on right corner (TLD CNS #228).
A0 1	35	TLD on top of hill at Catawba Nuclear Station Construction entrance on North side of street (TLD CNS #206).
A0 1	38	Hwy 274-N, right at Liberty Hill Rd., right in fork to third power line on right, walk about 200 yds. South along boundary fence. TLD on fence (TLD CNS #229).
A0 1	41	Hwy 274-N, right at Liberty Hill Rd., go .8 miles (right in fork) TLD on fence on right (TLD CNS #207).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.1
 AIR SAMPLER, TLD, AND WATER SAMPLE LOCATIONS

<u>Zone</u>	<u>& Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
II. 4-5 Mile TLD's			
F1	4	4	Hwy 49-N to River Hills Plantation rear entrance at Robinwood Rd. TLD behind green building on right corner (TLD CNS #230).
F1	4	6	Hwy 49-N to River Hills Plantation front entrance guardhouse (TLD CNS #231).
A1	4	2	Hwy 49-N to intersection of Pleasant Hill Rd. (1109), TLD on power line (TLD CNS #232).
A1	4	4	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left Zoar Rd. (1105), right Thomas Rd. (1104), TLD behind second house on right (TLD CNS #233).
B2	4	2	Hwy 49-N, right Hwy 160 to Home Federal Savings and Loan on left. TLD on left rear corner of building. (TLD CNS #234).
B1	4	3	Hwy 49-N, right Hwy 160, right on Dam Rd. (99), last gravel right in sharp curve before Lake Wylie Dam, left through fence to substation, TLD on right of inner substation fence (TLD CNS #235).
C1	4	1	Hwy 274-S, left Mt. Gallant Rd. (195), left India Hook Rd. (30) to S.C. Wildlife Resources Dept (TLD CNS #236).
C1	4	3	Hwy 274-S, left Mt. Gallant Rd. (195), right Homestead Rd. (657) to end, TLD straight across intersection of Twin Lakes Rd. (TLD CNS #237).
C1	4	5	Hwy 274-S, left Mt. Gallant Rd. (195), right W. Oak Dr. (962) to end at fork, TLD on left at fence (TLD CNS #238).
D1	5	1	Hwy 274-S to Carter Lumber Co., TLD on fence near gate (TLD CNS #239).
D1	4	2	Hwy 274-S, right Campbell Rd. (80), left on Paraham Rd. (54) to transmission tower on right, TLD on brown power pole (TLD CNS #240).
D1	5	4	Hwy 274-S, right Campbell Rd, (80) for about 3 miles, TLD on left at beginning of horse fence (TLD CNS #241).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.1

AIR SAMPLER, TLD, AND WATER SAMPLE LOCATIONS

<u>Zone</u> & <u>Radius</u> (Mi)	<u>No.</u>	<u>Description</u>
E1 5	2	Hwy 49-S, right Paraham Rd, (54) to transmission tower on left after bridge (TLD CNS #242).
E1 5	3	Hwy 274-N, left Hwy 55, left Kingsberry Rd. (114) to transmission tower on left (TLD CNS #243).
F1 4	1	Hwy 274-N, left Hwy 55 to Bethel School, TLD on side of small building in back (TLD CNS #244).
F1 4	3	Hwy 274-N left on Glenvista Rd. to Crowder Creek Boat Landing, TLD to East of parking lot (TLD CNS #245).
B2 8	1	Hwy 49-N, right Carowinds Blvd. (1441), left Choate Cir., TLD on inside of fence left of the guardhouse (TLD CNS #246).
B1 3	1	Hwy 49-N, right Hwy 160, right Tega Cay sign (98), right before Tega Cay entrance into Duke Power Company substation (TLD CNS #212).
B2 7	6	Hwy 49-N, right Hwy 160 to Fort Mill, right Lee St., left Self St., TLD at Fort Mill Municipal Water Supply behind Springs Mill (TLD CNS #247).
C2 7	3	Hwy 274-S, right on Herlong Ave. to Piedmont Medical Center emergency entrance to back of hospital. TLD on fence at back right corner of Liquid Oxygen storage area (TLD CNS #248).
C2 10	5	Hwy 274-S to Newport, left at stop light, right on Rawlinson Rd., left Hwy 5, right on Heckle Blvd. (901) to end, left on Hwy 72, right on dirt road just across from Wayne's Auto Service, go to Duke Power Company Substation (TLD CNS #217).
C2 8	6	Hwy 274-S, left Hwy 161, right Rawlinson Rd. (56), left Hwy 5 to Rock Hill Career Development Center, TLD on transmission tower (TLD CNS #249).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.1

AIR SAMPLER, TLD, AND WATER SAMPLE LOCATIONS

<u>Zone & Radius (M)</u>	<u>No.</u>	<u>Description</u>
D2 10	4	Hwy 274-S, right Campbell Rd. (80), left Hwy 49-S, left Rd. 64, left Hwy 5. Go to Duke Power Company Appliance Center on left. TLD on fence in back (TLD CNS #250).
E2 10	2	Hwy 35 into Clover, TLD at Duke Power Company Appliance Center in rear lot on inner fence (TLD CNS #251).
<u>Water Sample Locations</u>		
F3 14	4	Hwy 274-N, right Pole Branch Rd. (279), right Hwy 273 into Belmont, right Catawba St., left at next light to Belmont Municipal Water Supply (Water CNS #218).
C2 7	2	Hwy 274-S, left Hwy 161, right Mt. Callant Road (195) to end. Rock Hill Municipal Water Supply across intersection on left (Water CNS #214).
B2 7	6	Hwy 49-N, right Hwy 160 to Fort Mill, right Lee St., left Self St., go to Fort Mill Municipal Water Supply behind Springs Mill (Water CNS #213).
A0 1	46	Left exiting Steam Production entrance on Concord Rd., left just after canal bridge. Go to pier (water CNS #208, need key).
B1 4	5	Hwy 49-N, right Hwy 160, right Dam Rd. (99), left Gray Rock Rd. (251) to Lake Wylie Dam. Walk through plant to upstream side of the dam (water CNS #211).
B1 4	6	Hwy 49-N, right Hwy 160, right Dam Rd. (99), left Gray Rock Rd., (251) to Lake Wylie Dam. Ride or walk to river access on downstream side of dam.
C2 7	8	Hwy 274-S left Mt. Gallant Rd. (195), left Hwy 161, left Cherry Rd. (Hwy 21), left on dirt road at Fort-Rock Drive-In to end, go right to Rock Hill Municipal water intake.
A1 4	6	Hwy 49-N, left at Camp Steere sign after crossing Buster Boyd Bridge (Water CNS #215).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.2
 MILK SAMPLE LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>Milk</u>	
D1	6	M	Hwy 274-S, right Hwy 161, left Rd. 1080 to Pursley Dairy.
D2	8	M	Hwy 274-S, right Hwy 161, left Scism Dairy and Equipment Co. (CASE sign).
E2	6	M	Hwy 274-N, left Hwy 55, left Clinton Dairy Rd.
F1	3	M	Hwy 274-N, right Lake Wylie Rd. (1099) to first house on left, (Ingram Richmond residence).
F2	7	M	Hwy 274-N, Hwy 55, right Paraham Rd. (54), left Hwy 557. Barnett Dairy 1 mile on left.
D1	7	M	Hwy 274-S to Newport, left at stop light, right Adnah Church Rd. (81). Woods Dairy 1.5 miles on left.
F2	13	M	Hwy 274-N, left Hwy 55, go through Clover, SC. Right on Lloyd White Rd. (148), left on Crowders Creek Rd. (1103), next paved right (1125). Oates Dairy is half mile on left.

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0	1	1	Hwy 274-N, right Liberty Hill Rd., right in fork to end (TLD & Air CNS #200, need key).
A0	1	2	Hwy 274-N, right Lake Wylie Rd. (1099), right at Hudson Rd. fork, right at Commodore Pl. fork, left on Tioga Rd. to end.
A0	2	3	Hwy 274-N, right Lake Wylie Rd., (1099), left fork after pavement ends, on Hudson Rd. to end.
A0	2	4	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102) to dead end at Catawba Yacht Club.
A0	1	5	Left exiting Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Rd., left on Blue Bird Ln. through gate to end (TLD & Air CNS #201, need key).
A0	1	6	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left on Snug Harbor Rd. (1357), right Coze Cove Rd. (1434) to end.
A0	2	7	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), to intersection of Snug Harbor Rd. (1357).
A0	1	8	Left exiting Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Rd. Go to first drive on right past Paradise Pl., TLD across road (TLD CNS #202).
A0	1	9	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left Snug Harbor Rd. (1357) to end.
A0	2	10	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left Snug Harbor Rd. (1357), stay on Snug Harbor at Kalabash Rd. Fork, take first gravel left (Crosshavens Dr.) after fork to the end (Beware of dogs).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0	1	11	Left exiting Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd., left on Crepe Myrtle Road. TLD is .1 miles on left in curve (TLD CNS #223).
A0	1	12	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left McKee Rd (1100), right Bankhead Rd. to end.
A0	2	13	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left McKee Rd. (1100), right Bankhead Rd. to intersection of Bessbrook Rd.
A0	1	14	Left exiting Steam Production entrance on Concord Rd., left on Old Concord Rd., right on Acacia Rd. TLD .2 miles on right (TLD CNS #224).
A0	1	15	Left exiting Steam Production entrance on Concord Rd., take first dirt fork to left on Kingsberry Dr., Stop at Commodore Yacht Club.
A0	1	16	Left exiting Steam Production entrance on Concord Rd. to last big curve before pavement ends.
A0	1	17	Left exiting Steam Production entrance on Concord Rd. to first transmission tower on left after bridge (TLD CNS #225).
A0	1	18	Left exiting Steam Production entrance on Concord Rd., go to end and turn right on Sandlapper Rd. Stop at transmission tower.
A0	2	19	Hwy 274-S, left Allison Creek Rd. (1081) to end of pavement.
A0	2	20	Left exiting Steam Production entrance on Concord Rd. TLD on left across bridge, just past fence (TLD CNS #226).
A0	1	21	Left Hwy 274-S, left Allison Creek Rd. (1081), left Spratt Rd., to end (Beware of dogs).
A0	2	22	Hwy 274-S, left Allison Creek Rd. (1081) to intersection of Bardale Rd.

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0	1	23	Left exiting Steam Production entrance on Concord Rd. TLD on left at beginning of guardrail posts (TLD CNS #204).
A0	1	24	Hwy 274-S, left Allison Creek Rd. (1081), left at Spratt Rd., left Morrison Rd., then right in next 2 forks, left in next fork to end.
A0	2	25	Hwy 274-S, left Allison Creek Rd. (1081), to intersection of Spratt Rd.
A0	1	26	Behind Catawba Nuclear Station overlook (TLD and Air CNS #205, need key).
A0	1	27	Right exiting Steam Production entrance on Concord Rd., first dirt left on Valelake Rd., left in fork to end.
A0	2	28	Hwy 274-S, left Allison Creek Rd. (1081) to intersection of Colina Rd.
A0	1	29	Left exiting Steam Production entrance on Concord Rd. TLD at Shady Shore Dr. on right corner at Bethel Community Clubhouse sign (TLD CNS #227).
A0	1	30	Right exiting Steam Production entrance on Concord Rd., first dirt left on Valelake Rd., right in fork to end.
A0	2	31	Hwy 274-S to intersection of Campbell Rd. (80).
A0	1	32	Right exiting Steam Production entrance on Concord Rd. TLD at first dirt left (Valelake Dr.) on right corner (TLD CNS #228).
A0	1	33	Right exiting Steam Production entrance on Concord Rd., left on dirt road (Pine Pt. Dr.) just before Granny's Restaurant, stop .5 miles.
A0	2	34	Hwy 274-S to Big Allison Creek bridge.
A0	1	35	TLD on top of hill at intersection of Catawba Nuclear Station Construction entrance and Road 1132 (TLD CNS #206).
A0	1	36	Right exiting Steam Production entrance to transmission line just before Granny's Restaurant on Concord Rd. (1132).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A0	2	37	Hwy 274-N, left Liberty Hill Rd., take first left and go to end.
A0	1	38	Hwy 274-N, right at Liberty Hill Rd., right in fork to third transmission line on right, walk about 200 yds. South along boundary fence. TLD is on fence (TLD CNS #229).
A0	1	39	Hwy 274-N, right at Liberty Hill Rd., right in fork to third transmission line on right.
A0	2	40	Right exiting Steam Production entrance on Concord Rd. to end. Right on Hwy 274-N for 1 mile.
A0	1	41	Hwy 274-N, right at Liberty Hill Rd., go .8 miles (right in fork), TLD on fence on right (TLD CNS #207).
A0	1	42	Hwy 274-N, right at Liberty Hill Rd., right in fork, go to softball field entrance.
A0	2	43	Hwy 274-N, right Lake Wylie Rd. (1099), right Beaver Creek Trail to end.
A0	1	44	Hwy 274-N, right at Liberty Hill Rd., right in fork, pass softball field to large rock piling on fence. TLD is on fence (TLD CNS #222).
A0	1	45	Left exiting Steam Production entrance, left on Old Concord Rd. to end. TLD on fence on left (TLD CNS #203).
A0	1	46	Left exiting Steam Production entrance on Concord Rd. Turn left just after canal bridge. Go to pier (water CNS #208, need key).
<hr/>			
A1	3	1	Hwy 49-N to NC side of Buster Boyd Bridge.
A1	4	2	Hwy 49-N to intersection of Pleasant Hill Rd. (1109), TLD on transmission tower (TLD CNS #232).
A1	5	3	Hwy 49-N to Steele Creek Vol. Fire Dept. on right.

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
A1	4	4	Hwy 49-N, right Pleasant Hill Rd (1109), right Youngblood Rd. (1102), left Zoar Rd. (1105), right Thomas Rd. (1104, TLD behind second house on right in pines (TLD CNS #233).
A1	5	5	Hwy 49-N, right Pleasant Hill Rd. (1109, right Youngblood Rd. (1102), left Hamilton Rd. (1106) to intersection of Hwy 160.
A1	4	6	Hwy 49-N, left at Camp Steere sign after crossing Buster Boyd Bridge (Water CNS #215).
<hr/>			
A2	10	1	Hwy 49-N, stop one mile past Westinghouse Blvd. at Roberts Systems 8500 on left.
<hr/>			
A3	10	1	Hwy 49-N, right Carowinds Blvd. (1441), left Hwy 51 to Pineville, stop near Sugar Creek bridge.
<hr/>			
B1	3	1	Hwy 49-N, right Hwy 160, right on Gold Hill Rd. (98) at Tega Cay sign, right before Tega Cay entrance on gravel road into Duke Power Company substation (TLD & Air CNS #212, need key).
B1	2	2	Hwy 49-N, right Pleasant Hill Rd. (1109), right Youngblood Rd. (1102), left McKee Rd (1100), left Bankhead Rd., left Bessbrook Rd. to end.
B1	4	3	Hwy 49-N, right Hwy 160, right on Dam Rd. (99), last gravel right in sharp curve before Lake Wylie Dam, left through fence to substation, TLD on right of inner substation fence (TLD CNS #235).
B1	2	4	Hwy 49-N, right Hwy 160, right on Gold Hill Rd. (98) at Tega Cay sign, enter Tega Cay following Tega Cay Dr., right Windjammer Dr., 6 miles, Right at circle, Left Kiwi Point to end.

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
B1	4	5	Hwy 49-N, right Hwy 160, right Dam Rd. (99), left Gray Rock Rd. (251) to Lake Wylie Dam. Walk through plant to upstream side of the dam (water CNS #211).
B1	4	6	Hwy 49-N, right Hwy 160, right Dam Rd. (99), left Gray Rock Rd. (251) to Lake Wylie Dam. Go to river access on downstream side of dam.
B2	8	1	Hwy 49-N, right Carowinds Blvd. (1441), left Choate Circle, TLD on inside of fence left of the guardhouse (TLD CNS #246).
B2	4	2	Hwy 49-N, right Hwy 160 to Home Federal Savings and Loan on left. TLD on left rear corner of building (TLD CNS #234).
B2	5	3	Hwy 49-N, right Hwy 160, left on Gold Hill Rd. (98) at Home Federal Savings and Loan, stop at intersection of Whitley Rd.
B2	10	4	Hwy 49-N, right Carowinds Blvd. (1441), left Hwy 51 to Pineville, right Hwy 521 (Polk St.) in Pineville, right on Dorman Rd., stop at state line.
B2	5	5	Hwy 49-N, right Hwy 160, right Sutton Rd. (49) to intersection of Gray Rock Rd. (251).
B2	7	6	Hwy 49-N, right Hwy 160 to Fort Mill, Right Lee St., left Self St. TLD at Fort Mill Municipal Water Supply on right behind Springs Mill (TLD CNS #247, also Water CNS #213).
B2	10	7	Hwy 49-N, right Hwy 160 through Fort Mill to the Sugar Creek bridge.
C1	4	1	Hwy 274-S, left Mt. Gallant (195), left India Hook Rd. (30) to SC Wildlife Resources Dept. (TLD CNS #236).
C1	5	2	Hwy 274-S, left Mt. Gallant Rd. (195), go beyond India Hook to Red Burketts Body Shop on right.

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
C1	4	3	Hwy 274-S, left Mt. Gallant Rd. (195), right Homestead Rd. (657) to end. TLD straight across intersection of Twin Lakes Rd. (TLD CNS #237).
C1	5	4	Hwy 274-S, left Mt. Gallant Rd. (195), right Homestead Rd. (657) to end.
C1	4	5	Hwy 274-S, left Mt. Gallant Rd. (195), right W. Oak Dr. (962) to end at fork. TLD on left at fence (TLD CNS #238).
C1	5	6	Hwy 274-S, left Mt. Gallant Rd. (195), right at York County Museum (658) to end at SC National Guard Armory.
C1	5	7	Hwy 274-S to Carter Lumber Co.
<hr/>			
C2	10	1	Hwy 274-S, left Hwy 161, left in fork on Celanese Rd. (50) to intersection of Springdale Rd.
C2	7	2	Hwy 274-S, left Hwy 161, right Mt. Gallant Rd. (195) to end. Go to Rock Hill Municipal Water Supply across intersection on left (Water CNS #214).
C2	7	3	Hwy 274-S, right on Herlong Ave. to Piedmont Medical Center emergency entrance to back of hospital. TLD on fence at back right corner of Liquid Oxygen storage area (TLD CNS #248).
C2	10	4	Hwy 274-S, left Hwy 161, right Mt. Gallant Rd. (195), right Hwy 21-121 By-pass to Fast Fare on left at intersection of Springsteen Rd.
C2	10	5	Hwy 274-S to Newport, left at stop light, right Rawlinson Rd., left Hwy 5, right on ... Blvd. (901) to end, left on Hwy ... right on dirt road across from Wayne's Service. Go to Duke Power Company location (TLD & Air CNS #217, need key).
C2	8	6	Hwy 274-S, left Hwy 161, right Rawlinson Rd. (56), left Hwy 5 to Rock Hill Career Development Center, TLD on transmission tower (TLD CNS #249).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
C2	10	7	Hwy 274-S, left Hwy 161, right Adnah Church Rd. (81), right on Hwy 5, left on Eastview Rd. (102) to intersection of Oak Park Rd. (103).
C2	7	8	Hwy 274-S, left Mt. Gallant Rd. (195), left Hwy 161, left Hwy 21, left on dirt road at Fort-Rock Drive-In to end, go right to Rock Hill Municipal Water Intake.
D1	5	1	Hwy 274-S to Carter Lumber Co. TLD on fence near gate (TLD CNS #239).
D1	4	2	Hwy 274-S, right Campbell Rd. (80), left Paraham Rd. (54) to transmission tower on right, TLD on power pole (TLD CNS #240).
D1	5	3	Hwy 274-S, right Campbell Rd. (80), left Paraham Rd. (54), next right on Rd. 815 to Allison Creek bridge.
D1	5	4	Hwy 274-S, right Campbell Rd. (80) for about 3 miles, TLD on left at beginning of horse fence (TLD CNS #241).
D2	10	1	Hwy 274-S, left Hwy 161, right Adnah Church Rd. (81), right Hwy 5, quick left on Eastview Rd. (102), right Holland Rd. (157), right Turkey Farm Rd. (1172), left Russell Rd. (536), go .2 miles.
D2	10	2	Hwy 274-S, left Hwy 161, right Adnah Church Rd. (81), right Hwy 5, left Billy Wilson Rd. (1451), right Turkey Farm Rd. (1172) to Fishing Creek bridge.
D2	10	3	Hwy 274-S, right Campbell Rd. (80), left Hwy 49-S, stop at Pantry before entering York.
D2	10	4	Hwy 274-S, right Campbell Rd. (80), left Hwy 49-S, left Rd. 64, left Hwy 5. Go to Duke Power Company Appliance Center on left. TLD on fence in back (TLD CNS #250).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
D2	10	5	Hwy 274-S, right Campbell Rd. (80), left 49-S, right Old Limestone Rd. (172) to end.
E1	5	1	Hwy 274-S, right Campbell Rd. (80) to intersection of Hwy 49.
E1	5	2	Hwy 49-S, right Paraham Rd. (54) to transmission tower on left after bridge (TLD CNS #242).
E1	5	3	Hwy 274-N, left Hwy 55, left Kingsberry Rd. (114) to transmission tower on left (TLD CNS #243).
E1	5	4	Hwy 274-N, left Hwy 55 to intersection of Kingsberry Rd. (114).
E2	5	1	Hwy 274-S, right Campbell Rd. (80), right Paraham Rd. (54) to intersection of Dr. Nichols Rd. (819).
E2	10	2	Hwy 274-N, left Hwy 55 into Clover, go to Duke Power Company Appliance Center on left. TLD on fence in back (TLD CNS #251).
E2	10	3	Hwy 274-N, left Hwy 55 to Pantry at intersection of Hwy 321 in Clover (behind Pantry).
F1	4	1	Hwy 274-N, left Hwy 55 to Bethel School. TLD on side of small building in back (TLD CNS #244).
F1	5	2	Hwy 274-N, left Hwy 55, right Bethel School Rd. (152) to intersection of Hollandale Dr.
F1	4	3	Hwy 274-N left on Glenvista Rd. to Crowder Creek boat landing, TLD to east of parking lot (TLD CNS #245).
F1	4	4	Hwy 49-N to River Hills Plantation rear entrance at Robinwood Rd. TLD behind green building on right corner (TLD CNS #230).

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04
 ENCLOSURE 5.3
 PREDETERMINED SAMPLING LOCATIONS

<u>Zone</u>	<u>Radius (Mi)</u>	<u>No.</u>	<u>Description</u>
F1	5	5	Hwy 49-N, left Sherer Church Rd. to end.
F1	4	6	Hwy 49-N to River Hills Plantation entrance guardhouse (TLD CNS #231).
F1	5	7	Hwy 49-N, left Montgomery Rd. at the River Rat Restaurant. Stop in horseshoe curve near lake.
<hr/>			
F2	10	1	Hwy 274-N, left Hwy 557, right Ridge Rd. (27) to Bowling Green Presbyterian Church.
F2	5	2	Hwy 274-N, left Hwy 557 to Pine Grove Baptist Church.
<hr/>			
F3	10	1	Hwy 274-N, left Hwy 557, next paved right on Oakridge Rd. at Bethel Fire Dept. (Rd. 435) to intersection of Hwy 274 (in NC).
F3	10	2	Hwy 274-N, right Pole Branch Rd. (279) to Friendship Baptist Church on left.
F3	10	3	Hwy 274-N, right Pole Branch Rd. (279), right Hwy 273 to Allen Steam Plant Bridge.
F3	14	4	Hwy 274-N, right Pole Branch Rd. (279), right Hwy 273 into Belmont, right Catawba St., left at next light to Belmont Municipal Water Supply (Water CNS #218).

5.6.1 MCA and Detector Set-Up

- 5.6.1.1 Disconnect DC power cord from unit.
- 5.6.1.2 Turn the contrast switch on the front of the unit clockwise to the ON mode.
- 5.6.1.3 Place sample holder with Na-22 check source onto the detector.
- 5.6.1.4 Press TEST SYSTEM.
- 5.6.1.5 Press ENTER to begin test.
- 5.6.1.6 If test failed, press CLEAR ENTRY and remove the instrument from service.
- 5.6.1.7 If test passed, press ENTER.

5.6.2 Collecting and Measuring Filter Cartridges

NOTE: Record data on Field Monitoring Team Work Sheet for Determining Iodine Activity (Sample Enclosure 5.6).

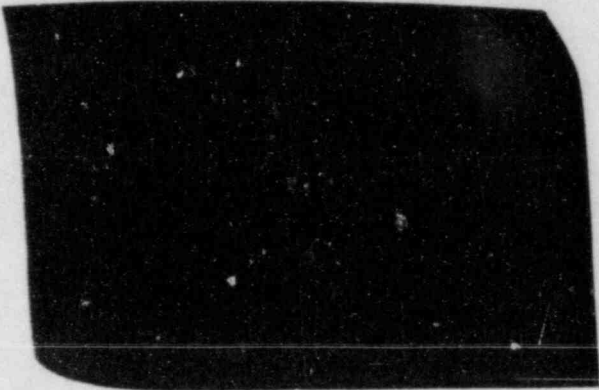
- 5.6.2.1 Press ANALYZE FILTER SAMPLE.
- 5.6.2.2 Press ENTER.
- 5.6.2.3 For each sample:
 - 5.6.2.3.1 Place cartridge with the recognizable side toward the detector (in small poly bag) in sample holder.
 - 5.6.2.3.2 Put detector and sample holder in shield.
 - 5.6.2.3.3 Press ENTER to accept ID number.
 - 5.6.2.3.4 Press ENTER to accept current Flow Rate (LPM). Otherwise, change number and press ENTER.
 - 5.6.2.3.5 Press ENTER to accept current Flow Time (min). Otherwise, change number and press ENTER.
 - 5.6.2.3.6 If the volume is determined to be too small, resample, press ENTER and return to Step 5.6.2.3.
 - 5.6.2.3.7 Press ENTER to start Collect/Analyze.
 - 5.6.2.3.8 Report/Record Iodine activity ($\mu\text{Ci/ml}$) and dose rate (mrem/hr).
 - 5.6.2.3.9 Press NEXT SAMPLE.
 - 5.6.2.3.10 Label the cartridge and retain for later analysis.

- 5.6.3 After sampling completion, turn the contrast switch counter-clockwise to the STAND-BY mode.

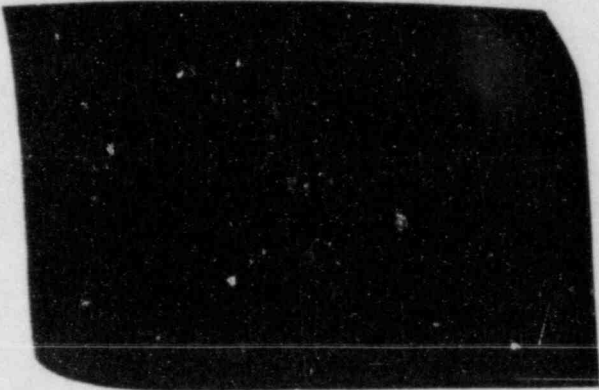
DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
HP/O/B/1009/04
ENCLOSURE 5.7
TSC FIELD MONITORING ORGANIZATION

<u>POSITION</u>	<u>NAME</u>	<u>BUSINESS PHONE</u>	<u>HOME PHONE</u>
-----------------	-------------	-----------------------	-------------------

Field Monitoring Coordinators:

Primary:	C. V. Wray		
Alternates:	R. L. Rivard		
	J. E. Threatt		

TSC Radio Operators:

Primary:	D. E. Sexton		
Alternate:	T. W. O'Donohue		

Field Monitoring Teams:

All Health Physics personnel with Field Monitoring Training.

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
HP/O/B/1009/04
ENCLOSURE 5.8
EMERGENCY VEHICLES

The two designated emergency vehicles are the Operations pick-up truck and the Technical Services vehicle used primarily by Chemistry. These two vehicles are to be obtained (as directed by the FMC) by getting the keys from the front desk Security Officer. A set of all keys to station vehicles shall be maintained by Security at the Personnel Access Portal (PAP).

Obtain any other Station vehicles, (if available) as directed by the FMC. Voluntary use of personal vehicles is another alternative that may be considered.