

DUKE POWER COMPANY
CRISIS MANAGEMENT
IMPLEMENTING PLANS AND PROCEDURES

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PDR ADOCK 05000269
F PDR

May 15, 1985

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

May 15, 1985

CRISIS MANAGEMENT
IMPLEMENTING PLANS AND PROCEDURES
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May 15, 1985

Crisis Management Implementing Plan

CMIP-1

Recovery Manager & Immediate Staff Implementing Plan

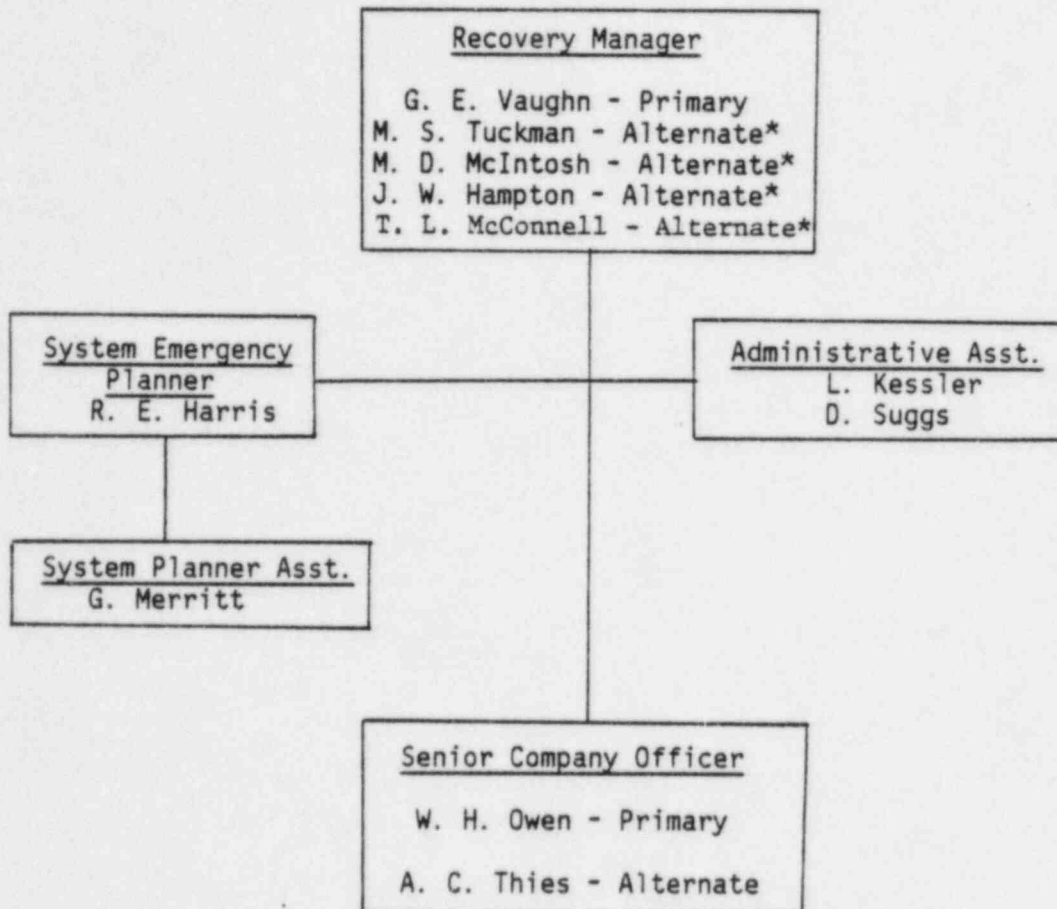
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May 15, 1985

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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. System Emergency Planner

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/System Emergency Planner 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.

Planning 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. System Planner's Asst.

Reports to: System Emergency Planner

Supervises:

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

Primary Responsibilities:

1. To assist the System Emergency Planner in resolution of tasks.

Principal Working Relationships:

1. System Emergency Planner for tasks.

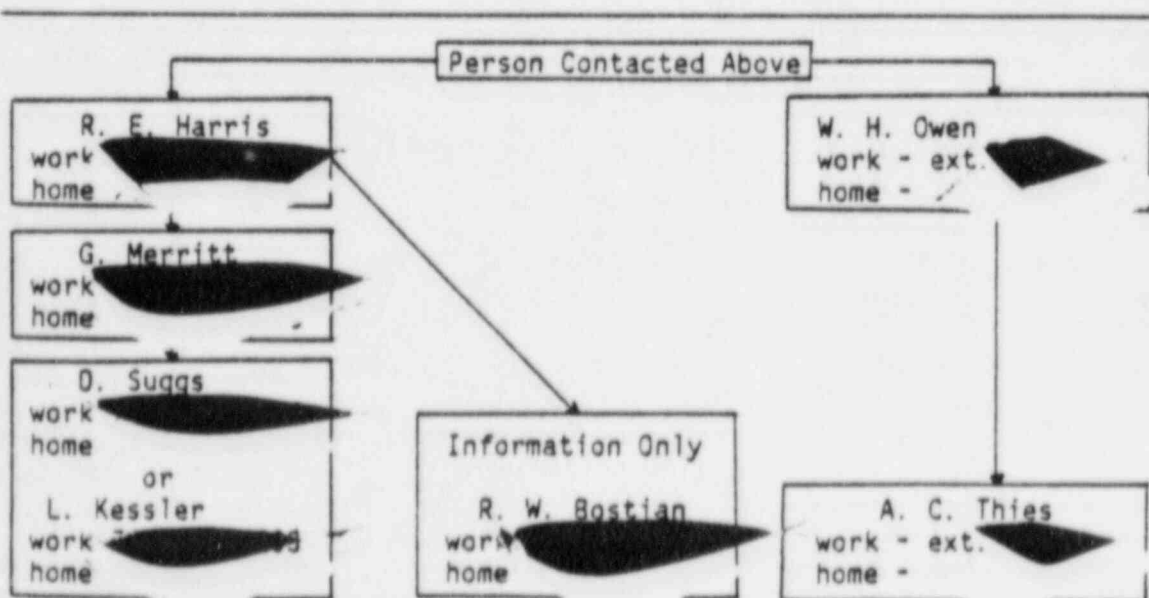
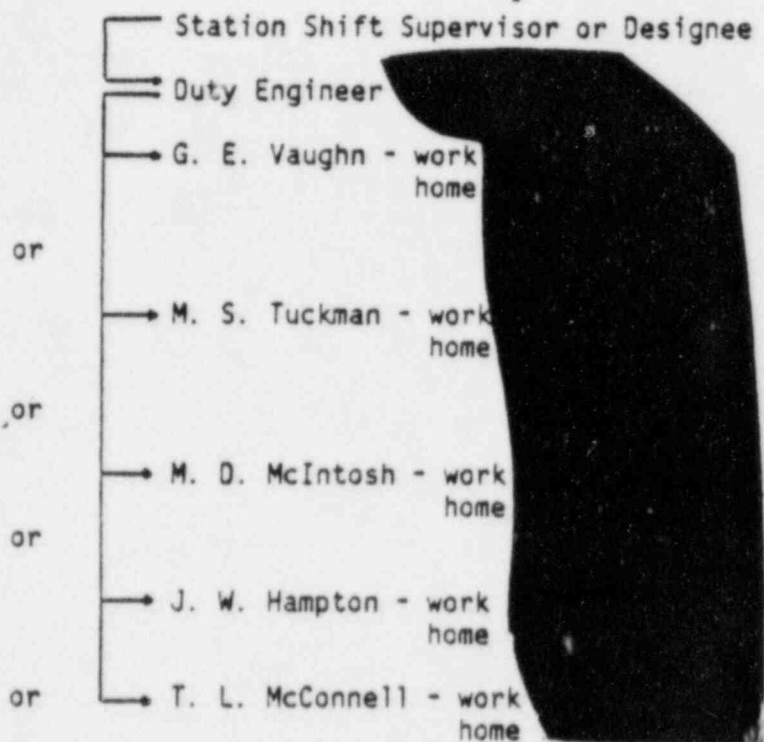
IV. NOTIFICATION PROCEDURE - CALL LIST

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

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

Your name _____ Time Contacted _____ am/pm
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 System Emergency Planner.

CRISIS MANAGEMENT IMPLEMENTING PLAN

CMIP-2 - CRISIS NEWS GROUP PLAN

McGuire Nuclear Station

and

Catawba Nuclear Station

Rev. 8
April 22, 1985

CMIP-2 McGuire/Catawba Crisis News Group Plan

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I. PREAMBLE

A Crisis Management Plan (CMP) has been prepared for Duke Power Company nuclear facilities. The CMP is designed solely to assist personnel at the affected facility so that the emergency can be brought under control. 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. 71. 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
COL	Catawba Owners Liaison
EPZ	Emergency Planning Zone
FGL	Federal Government Liaison
GC	Governments Coordinator
I/AC	Industry/Agency Coordinator
ICC	Internal Communications Coordinator
IvCC	Investor 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
TSC	Technical Support Center
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. 73

Basic Functions

1. Determine degree of activation and staffing requirements of the Crisis News Center (CNC) and activate 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 appropriate location. 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
TONY McCONNELL
or
MIKE TUCKMAN

RECOVERY MANAGER

GERALD VAUGHN

Crisis News Director (CND)

Primary Responsibilities (cont'd)

2. Call ACND and request individual to report for duty at the CNC.

<u>ASSISTANT CRISIS NEWS DIRECTOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - PHIL CARTER			
Shift 2 - JOE MAHER			

3. The CND will call appropriate person (on second shift or as available) to act as TSCL and direct this person to report to the Control Room at the plant and relay information on the emergency to the CND in Charlotte.

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

4. Proceed to the CNC and assist in assembly of CNC personnel. When the CMC organization is in place, report to the Recovery Manager's office, WC-1010.
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 - PHIL CARTER
Shift 2 - JOE MAHER

Basic Functions

The ACND supports the CND and is responsible for notifying the Vice President - Corporate Communications, SC and state emergency officials. 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. 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. 78 for message format for news group calls and Figure 3, p. 79 - McGuire, and Figure 4, p. 80 - Catawba, for calls to the media.) Request that SC proceed to CNC upon completion of calls and set up News Center with storage items and materials that have been reserved for such an event.

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)

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. Continue to act as liaison with NRC in Atlanta until NRC is available in Recovery Manager's office.

PUBLIC INFORMATION
OFFICE

Office
Telephone*

Home
Telephone

Time
Called

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.

Office
Telephone

Home
Telephone

Time
Called

Primary: EDITH CAUDLE

Alternate: PURDY MCCLOUD

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

Office
Telephone

Home
Telephone

Time
Called

Primary: CRYSTAL STOWE

Alternate: HIGHWAY PATROL
COMMUNICATIONS

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

Assistant Crisis News Director (ACND)

Primary Responsibilities (cont'd)

CATAWBA
ONLY

6. Upon arrival at the CNC, 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.

SC STATE EMERGENCY
OPERATIONS CENTER

Office Telephone	Time Called
---------------------	----------------

Paul Lunsford or
Public Information Official
State Telecopy - Columbia, SC

7. 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.
8. 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
TONY McCONNELL
or
MIKE TUCKMAN

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 six 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 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. Technical Support Center Liaison (TSCL)

Basic Functions

The TSCL supports the CND and is responsible for relaying information on the emergency from the Technical Support Center at the plant to the Crisis News Director.

Primary Responsibilities

1. The TSCL position will be filled by appropriate person as directed by the CND.
2. When contacted by the CND of the emergency situation, the TSCL will report to the Technical Support Center at the plant and relay information on the emergency to the CND at 704/373-5584.
3. The TSCL will provide assistance as directed by the CND.
4. The TSCL will remain at the plant until emergency is over and services are no longer needed.

E. Monitor (M)

MONITOR

Shift 1 - DON BLACKMON
Shift 2 - FERMAN WARDELL

Office
Telephone

Home
Telephone

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.

F. 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, IvCC, COL, 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 at the Charlotte Supply Building, third floor.

INTERNAL COMMUNICATIONS
COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - BILL FOX
Shift 2 - BILL YODER

INDUSTRY/AGENCY
COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - DOCK KORNEGAY
Shift 2 - JOHN MCALISTER

INVESTOR COMMUNICATIONS
COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - STICK WILLIAMS
Shift 2 - MALCOLM NIVEN

2. Keep section up to date on a minimum hourly basis on situation developments.
3. Report to the CNC at the Charlotte Supply Building, third floor.

G. Media Coordinator (MC)

MEDIA COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - CECILY NEWTON
Shift 2 - MIKE DEMBECK

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 shifts of the emergency and ask that he/she report to the CNC located at the O. J. Miller Auditorium.

MEDIA REGISTRATION
COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - MIKE BUMGARDNER
Shift 2 - CATHY ROCHE

2. Notify one of the following designated shift section heads of the emergency. Ask that he/she notify his/her team members and report to the CNC located at the O. J. Miller Auditorium in Charlotte.

TECHNICAL BRIEFERS

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - PAT OSBURN
(Section Head)
STEVE FRYE (SRO)

MIKE PRESNELL
LOU DUNCAN

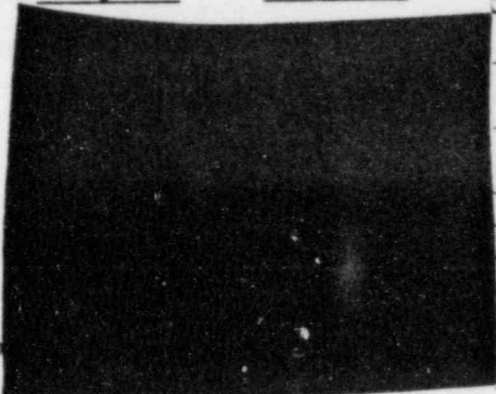
JOHN WYLIE


LES STALLINGS

JESSE SWORDS
MARGO FESPERMAN

Media Coordinator

Primary Responsibilities (cont'd)

<u>TECHNICAL BRIEFERS</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 2 - RICHARD WILSON (Section Head) JOHN WOLFMEYER (SRO) HARVEY DEAL JIM HALE CARL LEONARD TIM BOWEN AMY HOPE (Station) TOMMY SMITH			

3. MC reports to the CNC at Charlotte Supply - third floor then to the O. J. Miller Auditorium.
4. MC will see that activities of the support functions are coordinated properly.
5. Keeps section up to date on a minimum 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 

H. 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 makes 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. 78, 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	Media Notification Team
CC	

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

Support Coordinator (SC)


Primary Responsibilities (cont'd)


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

<u>COURT REPORTING SERVICES</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
BARBARA MILLER			_____
ANN TRAMMELL			_____
SANDRA GRIFFIN			_____

2. Call copy services and request a telecopier to be delivered to Charlotte Supply Building, area beside 302-C.


	<u>Office Telephone</u>	<u>Time Called</u>
KIM HEINTZ		_____
or JAY HUGGINS		_____

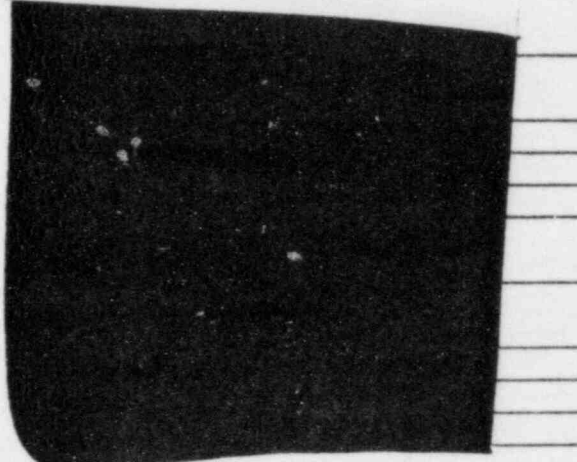
3. Call the GO switchboard and South Boulevard Operations Center to inform them of event so they may refer all calls to 

	<u>Office Telephone</u>	<u>Time Called</u>
KAREN SMITH (G.O. switchboard) SHIFT SUPERVISOR South Boulevard Operations Center (divisions emergency center)		_____

4. SC and staff will set up News Center with storage items and materials that have been reserved for such an event.
5. At conclusion of calls, the SC and staff will provide assistance as directed by the ACND.
6. 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</u>
SARA LEE EPPERSON |  | | |
| 2. <u>One Secretarial Team Member for Each Shift</u> | | | |

- | | <u>Office Telephone</u> | <u>Home Telephone</u> | <u>Time Called</u> |
|--|---|-----------------------|--------------------|
| Shift 1 - BETH MASURAT
(Section Head),
ALLISON PLYLER
ELIZABETH MCMURRAY
CAROLYN LAYMAN
PAT WEAVER |  | | |
| Shift 2 - BARBARA BROWN
(Section Head)
PEARL MCBRIDE
ANNETTE ISENHOUR
PRISCILLA LEDBETTER
SHEILA ZINK | | | |

3. When contacted by the ACND of the emergency situation, the SC will then call the State Command Post Liaison and request he proceed to the CNC at the Charlotte Supply Building, second floor.

McGuire and Catawba

<u>NORTH CAROLINA</u> <u>STATE COMMAND POST LIAISON</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
--	-------------------------	-----------------------	--------------------

Shift 1 - BILL RIXON
Shift 2 - GARY HEDRICK

Catawba Only

<u>SOUTH CAROLINA</u> <u>STATE COMMAND POST LIAISON</u>
--


Shift 1 - CHRIS ROLFE
Shift 2 - DON HATLEY

CATAWBA
ONLY

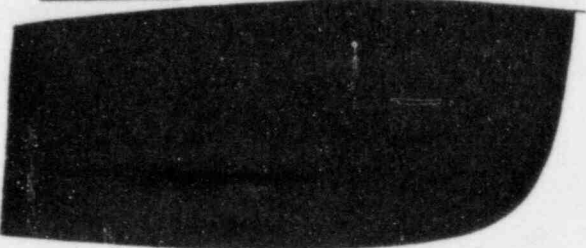
Support Coordinator Call List (cont'd)

4. Additional Secretarial/Other CNC Support

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

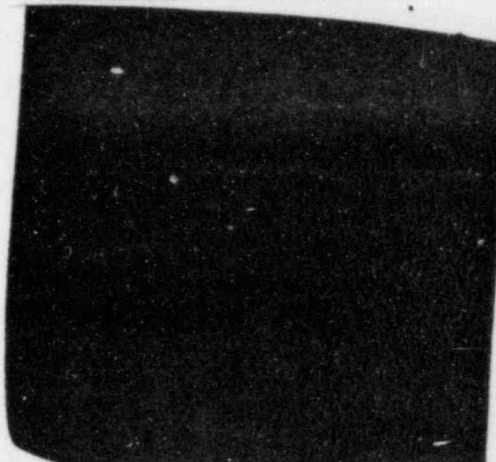
<u>Name</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Louise Jenkins			_____
Bernie Mills			_____

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			_____
Murray Craven			_____
Kenn Compton			_____
Jim Reynolds			_____

Second Shift Support Coordinator Call List

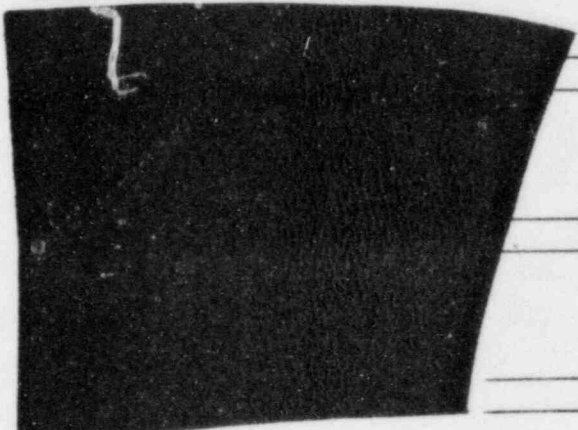
1. One Media Notification Team Member For Each Shift

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 1 - JOYCE BEYER (Section Head)			_____
WILMA KINARD			_____
PEGGY HENDERSON			_____
JUDY PORTER			_____
NANCY PLYLER			_____
Shift 2 - FRAHER BROWN (Section Head)			_____
BETH ANTHONY			_____
MARIE HINSON			_____
MARCIA HALSEY			_____
NAOMI LINDER			_____

SC contacts one of the two five-member staffs. Section Head designates a call list from media call lists 1-5, p. 58-67, 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 = **

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

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
2. <u>Monitor (M)</u>			_____
Shift 1 - DON BLACKMON			_____
Shift 2 - FERMAN WARDELL			_____
3. <u>Media Coordinator (MC)</u>			_____
Shift 1 - CECILY NEWTON			_____
Shift 2 - MIKE DEMBECK			_____
4. <u>Audiovisual Coordinator (AVC)</u>			_____
Shift 1 - PAT PAYNE			_____
Shift 2 - ALEX COFFIN			_____

Second Shift Support Coordinator Call List (cont'd)

		<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			
CATAWBA ONLY	6. <u>Catawba Owners Liaison (COL)</u>			
	Shift 1 - DAN BROWNE			
	Shift 2 - AL NEELY			
	7. <u>Status Board Coordinator (SBC)</u>			
	Shift 1 - SHANNON SMITH			
	Shift 2 - ANN BLINN			
	8. <u>Governments Coordinator (GC)</u>			
	Shift 1 - RICK DEESE			
	Shift 2 - ELIZABETH MARSALA			
	9. <u>Calls to AP, UPI, and the two radio News Networks in N.C. and S.C.</u>			
	AP	or		
CATAWBA ONLY	UPI	or		
		or		
CATAWBA ONLY	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.

I. State Command Post Liaison (SCPL)

McGuire and Catawba

NORTH CAROLINA
STATE COMMAND POST LIAISON

Office
Telephone

Home
Telephone

Shift 1 - BILL RIXON
Shift 2 - GARY HEDRICK

Catawba Only

SOUTH CAROLINA
STATE COMMAND POST LIAISON

Shift 1 - CHRIS ROLFE
Shift 2 - DON HATLEY

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.
5. The Charlotte Division conference room in the Electric Center, C-130, will be the meeting area for the PIOs prior to joint news conferences. Contact the Charlotte Division conference room coordinator to inform her of event and that room will be used.

CHARLOTTE DIVISION
CONFERENCE ROOM COORDINATOR

Office
Telephone

Time
Called

SARA BALLARD

CATAWBA
ONLY

J. 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 [REDACTED]

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 AM
 - At 12:00 Noon
 - At 4:00 PM

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 - BETH PARSONS
Shift 2 - KATHY BRYANT

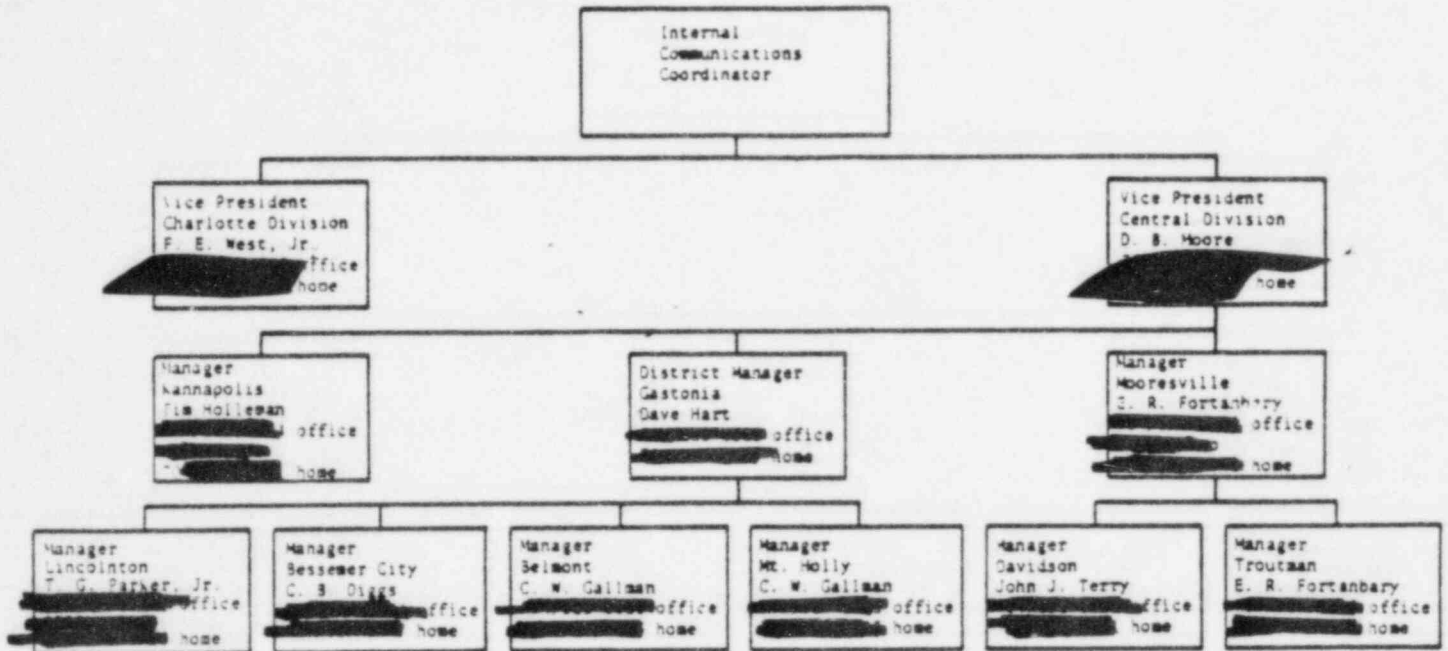
ICC support will assist in answering "rumor control" calls.

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. 23 - McGuire and p. 24 - Catawba.

Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

Telephone Tree
McGuire Nuclear Station

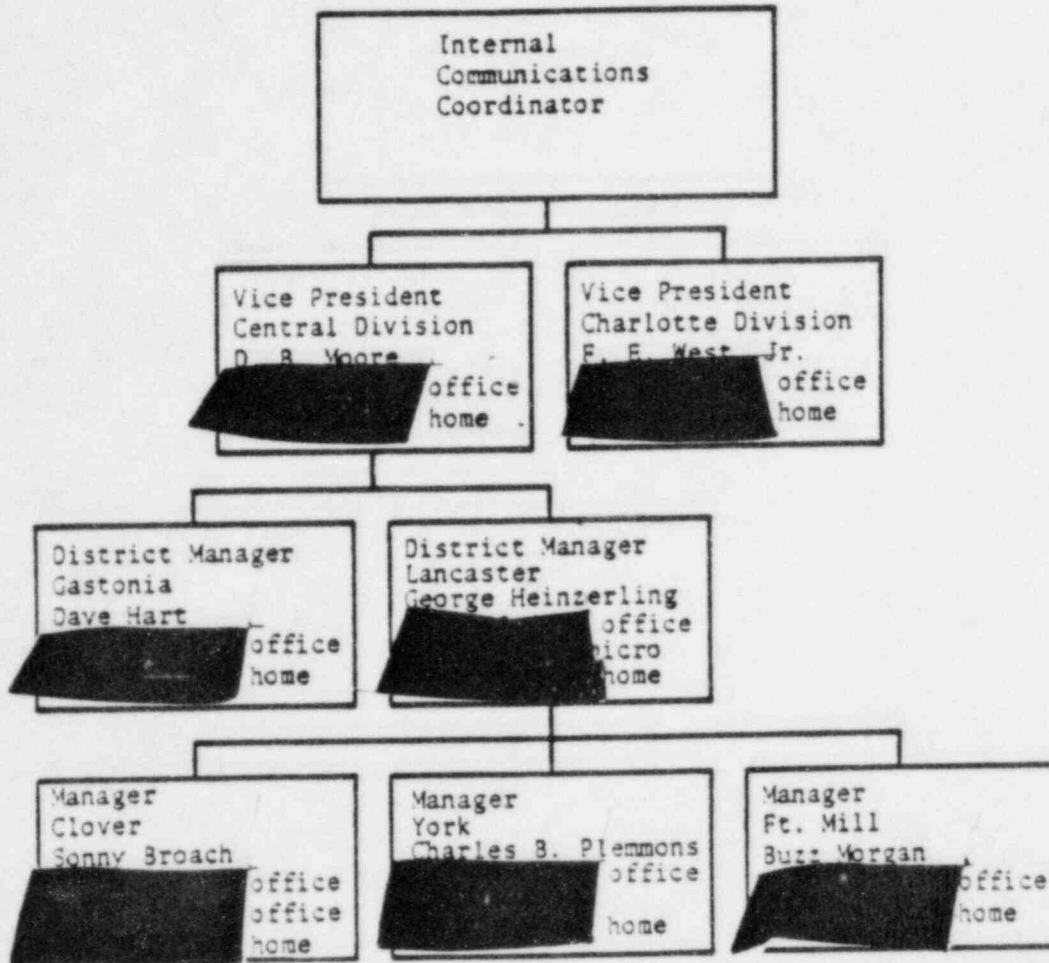


Contact	Alternate	Office Telephone	Home Telephone
F. E. West, Jr.	John Kingry R. J. Neel	[redacted]	[redacted]
D. B. Moore	Allen Fry Doug Truesdale		
Tim Holleman	Bridget Ryan Keith Moore		
Dave Hart	Jeff Serian		
E. R. Fortanbary	Eddie Nelson		
T. G. Parker, Jr.	Robert Wright		
C. B. Diggs	Jeff Serian		
C. W. Gallman	Doug Terres		
John J. Terry	Marcia Williamson		

Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

Telephone Tree
Catawba Nuclear Station



Contact
D. B. Moore

Alternate
Allen Fry
Doug Truesdale

Office
Telephone

Home
Telephone

F. E. West, Jr.

John Kingry
R. J. Neel

Dave Hart

Jeff Serzan

George Heinzerling

Mike Agee

Sonny Broach

Charles B. Plemmons
Albert Dickson

Charles B. Plemmons

Albert Dickson

Buzz Morgan

Gene Johnson

Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

5. Call the following and advise them of event:

C A T A W B A

WYLIE HYDRO
J. A. SISTARE

ALLEN STEAM STATION
Primary: JIM R. PARK

Alternate: EDDIE WILSON

M C G U I R E

COWANS FORD HYDRO
Primary: CARL E. ROBINSON
Alternate: JAN MCCALL

MOUNTAIN ISLAND HYDRO
Primary: C. A. WRIGHT

Alternate: CARL E. ROBINSON

RIVERBEND STEAM STATION
Primary: BOB CARPENTER
Alternate: W. B. KINSEY

MARSHALL STEAM STATION
Primary: BUDDY E. DAVIS

Alternate: PEGGY LUTZ

ALLEN STEAM STATION
Primary: JIM R. PARK

Alternate: EDDIE WILSON

STATION SUPPORT DIVISION - NORTH
Primary: RAY HOLLINS
Alternate: BEN TAYLOR

Office
Telephone

Home
Telephone

Time
Called

Internal Communications Coordinator (ICC)

Primary Responsibilities (cont'd)

6. ICC proceeds immediately to the CNC in the Charlotte Supply Building, third floor, to take up position.
7. 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. If it is a drill and caller wants more information, or if it is an active emergency, read the latest news release that you received from Corporate 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 Corporate Communications in the General Office or ask the caller to call collect [REDACTED]
8. Disseminate information to company employees through bulletin boards, CONTACT, CRT. Request secretarial/clerical support through the Support Coordinator.
 9. Remain at CNC until crisis is over and services are no longer needed.

K.

Industry/Agency Coordinator (I/AC)

INDUSTRY/AGENCY COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - DOCK KORNEGAY
Shift 2 - JOHN MCALISTER

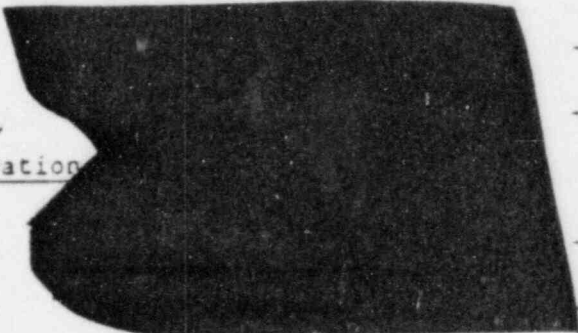


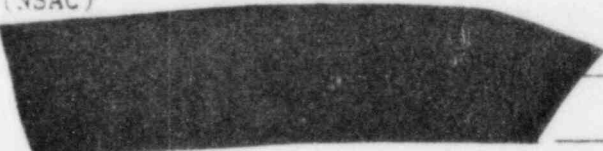
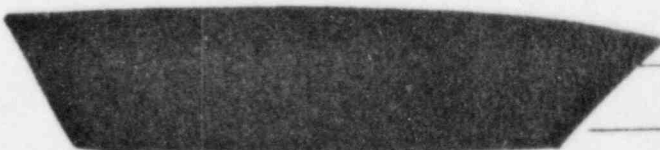
Basic Functions

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 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 CC that the CNC is to be activated, the I/AC will contact the organizations on p. 28 (Industry/Agency Coordinator Call List), to inform them of the accident and that he is their contact during the crisis.
2. Report to the CNC, at the Charlotte Supply Building, third floor, 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, 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. ACND initially notifies NRC as indicated on p. 7. 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</u>			
Primary: ANGIE HOWARD			_____
Alternate: HOTLINE			_____
Inform them that news releases will follow by Electronic Mail.			
3. <u>Atomic Industrial Forum (AIF)</u>			
Primary: SCOTT PETERS PAUL TURNER			_____
Alternate: DUTY OFFICER			_____
Inform them that news releases will follow by Electronic Mail.			
4. <u>Nuclear Safety Analysis Center (NSAC)</u>			
Primary: RICK RUDMAN			_____
Alternate: DAN VAN ATTA			_____
Inform them that news releases will follow by Electronic Mail.			
5. <u>Westinghouse</u>			
Primary: JOHN BURK			_____
Alternate: MAE DAMEROW			_____

* 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</u> (ANS)			
Primary: EMERGENCY MESSAGE (24-hour)			_____
Alternates: DARLENE SCHMIDT GAY EASLEY			_____ _____
7. <u>Edison Electric Institute</u> (EEI)			
Primary: GLORIA DITTUS			_____
Alternate: EEI HOTLINE			_____

Inform them that news releases will follow by Electronic Mail.

L. Catawba Owners Liaison (COL)

CATAWBA OWNERS LIAISON

Office
Telephone

Home
Telephone

Shift 1 - DAN BROWNE
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 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. 31, COL Call List, and proceed directly to the CNC at the Charlotte Supply Building, third floor.
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: DOUG LEARY			
3. <u>Saluda River Electric Cooperative, Inc.</u>			
Primary: JOE MULHOLLAND			
Alternate: AGNES HARRISON			
4. <u>Piedmont Municipal Power Agency</u>			
Primary: JIM BAUER			

M. Governments Coordinator (GC)

GOVERNMENTS COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - RICK DEESE
Shift 2 - ELIZABETH MARSALA

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. 33, Governments Coordinator Call List.
2. Report to the Communications Coordinator in the Charlotte Supply Building, third floor. 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 (SGL)</u>			
Shift 1 ROY WALL			
Shift 2 BILLIE HENDERSON			
(Ask that they begin their calls.)			
2. <u>Federal Government Liaison (FGL)</u>			
Shift 1 JOHN HICKS			
Shift 2 BARBARA SIMPSON			
(Ask that they begin their calls.)			
3. <u>Elected Officials</u>			
<u>MCGUIRE</u>			
CATAWBA COUNTY			
Primary: GARY WHITENER			
Alternate: BOB HIBBITTS			
GASTON COUNTY			
Primary: DAVID BEAM			
Alternate: PHILLIP HINLEY			
MOUNT 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>
3. <u>Elected Officials (cont'd)</u>			
<u>M C G U I R E (cont'd)</u>			
IREDELL COUNTY			
Primary: LARRY HEDRICK			
Alternate: BILL MILLS			
LINCOLN COUNTY			
Primary: HARRY RITCHIE			
Alternate: ELWYN L. BEAM			
DENVER			
Primary: RUSSELL DELLINGER			
Alternate: GENE DELLINGER			
MECKLENBURG COUNTY			
Primary: CARLA DUPUY			
Alternate: GERALD FOX			
CHARLOTTE			
Primary: HARVEY GANTT or (T, W, TH) or (M, F)			
Alternate: MINETTE TROSCH			
CORNELIUS			
Primary: FLETCHER JONES			
Alternate: PRESTON PAGE			
DAVIDSON			
Primary: RUSSELL B. KNOX			
Alternate: BILL BRANNON			

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>M C G U I R E (cont'd)</u>			
HUNTERSVILLE			
Primary: SARA R. McAULAY			_____
Alternate: JACK HORTON			_____
<u>C A T A W B A</u>			
GASTON COUNTY			
Primary: DAVID BEAM			_____
Alternate: PHILLIP HINLEY			_____
MECKLENBURG COUNTY			
Primary: CARLA DUPUY			_____
Alternate: GERALD FOX			_____
CHARLOTTE			
Primary: HARVEY GANTT or (T, W, TH) or (M, F)			_____
Alternate: MINETTE TROSCH			_____
PINEVILLE			
Primary: BILLY BLANKENSHIP			_____
Alternate: FRED FLEMMING			_____

(Pineville Police Dept., Meck.Co.Car #24)

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>C A T A W B A (cont'd)</u>			
YORK COUNTY			
Primary: MURRAY WHITE, JR.	or		_____
Alternates: PEGGY UPCHURCH			_____
CLOVER			
Primary: BILL WHITE			_____
Alternate: WILLIAM D. JACKSON			_____
FORT MILL			
Primary: CHARLES POWERS			_____
Alternate: MITCH SIZEMORE			_____
ROCK HILL			
Primary: J. EMMETT JEROME			_____
Alternate: HUGH HARRELSON			_____
TEGA CAY			
Primary: JEAN VARNER			_____
Alternate: HUBERT GRAHAM			_____
or BILL HARGROVE			_____
YORK			
Primary: EUGENE L. BARNWELL			_____
Alternate: RODDEY CONNOLLY			_____

N. State Government Liaison (SGL)

STATE GOVERNMENT LIAISON

Office
Telephone

Home
Telephone

Shift 1 - ROY WALL
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. 38, SGL Call List.
2. Contact one of the following to assist in making calls to South Carolina officials.

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - ROBERT TUCKER
Shift 2 - BETTY JEAN HUDSON

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

DATAWBA
ONLY

SGL Call List

	<u>Phone Numbers</u>	<u>Time Called</u>
<u>MCGUIRE</u>		
1. <u>CATAWBA & IREDELL SENATE</u>		
T. Cass Ballenger	Raleigh Office: Hickory Office: Hickory Home:	
William W. Redman, Jr.	Raleigh Office: Statesville Home:	
2. <u>CATAWBA HOUSE</u>		
Austin Allran	Raleigh Office: Hickory Office: Hickory Home:	
Doris R. Huffman	Raleigh Office: Newton Home:	
3. <u>IREDELL HOUSE</u>		
C. Robert Brawley	Raleigh Office: Mooresville Office: Mooresville Home:	
Lois S. Walker	Raleigh Office: Statesville Home:	
<u>MCGUIRE AND CATAWBA</u>		
4. <u>MECKLENBURG SENATE</u>		
James C. Johnson, Jr.	Raleigh Office: Concord Office: Concord Home:	
Melvin L. Watt	Raleigh Office: Charlotte Office: Charlotte Home:	
James D. McDuffie	Raleigh Office: Charlotte Office: Charlotte Home:	
Lawrence A. Cobb	Raleigh Office: Charlotte Office: Charlotte Home:	

SGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
<u>MCGUIRE AND CATAWBA (cont'd)</u>		
5. <u>MECKLENBURG HOUSE</u>		
John B. McLaughlin	Raleigh Office: Newell Office: Newell Home:	_____ _____ _____
C. Ivan Mothershead	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
Raymond A. Warren	Raleigh Office: Charlotte Home:	_____ _____
Ruth M. Esterling	Raleigh Office: Charlotte Office: Charlotte Home:	_____ _____ _____
James F. Richardson	Raleigh Office: Charlotte Home:	_____ _____
Jo Graham Foster	Raleigh Office: Charlotte Home:	_____ _____
Howard C. Barnhill	Raleigh Office: Charlotte Home:	_____ _____
Roy Spoon	Raleigh Office: Charlotte Home:	_____ _____
6. <u>GASTON & LINCOLN SENATE</u>		
J. 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:	_____ _____ _____

SGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
<u>MCGUIRE AND CATAWBA (cont'd)</u>		
<u>7. GASTON & LINCOLN HOUSE</u>		
David J. Noles	Raleigh Office: Lincolnton Home:	_____ _____
David W. Bumgardner, Jr.	Raleigh Office: Belmont Office: Belmont Home:	_____ _____ _____
Jonathan L. Rhyne, Jr.	Raleigh Office: Lincolnton Office: Lincolnton Home:	_____ _____ _____
Walter H. Windley, III	Raleigh Office: Gastonia Office: Gastonia Home:	_____ _____ _____
<u>CATAWBA</u>		
<u>8. CHEROKEE/YORK SENATE</u>		
S. Harvey Peeler, Jr.	Columbia Office: Columbia Home: Gaffney Office: Gaffney Home:	_____ _____ _____ _____
<u>9. YORK SENATE</u>		
John C. Hayes, III	Columbia Office: Rock Hill Office: Rock Hill Home:	_____ _____ _____
<u>10. LANCASTER/YORK SENATE</u>		
Caldwell T. Hinson	Columbia Office: Lancaster Home:	_____ _____
<u>11. CHESTER/FAIRFIELD/CHEROKEE/UNION SENATE</u>		
John A. Martin	Columbia Office: Winnsboro Office: Winnsboro Home:	_____ _____ _____

SQL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
<u>CATAWBA (cont'd)</u>		
12. <u>KERSHAW/CHESTERFIELD SENATE</u>		
Donald H. Holland	Columbia Office: Columbia Home: Camden Office: Camden Home:	
13. <u>CHESTER/FAIRFIELD HOUSE</u>		
E. Crosby Lewis	Columbia Office: Columbia Home:	
14. <u>UNION HOUSE</u>		
James M. Arthur	Columbia Office: Union Office: Union Home:	
15. <u>CHESTER/LANCASTER/YORK HOUSE</u>		
Paul E. Short, Jr.	Columbia Office: Chester Office: Chester Home:	
16. <u>LANCASTER HOUSE</u>		
William D. Boan	Columbia Office: Heath Springs Office: Heath Springs Home:	
Tom G. Mangum	Columbia Office: Lancaster Office: Lancaster Home:	
17. <u>YORK HOUSE</u>		
Robert Wesley Hayes, Jr.	Columbia Office: Rock Hill Office: Rock Hill Home:	
Herbert Kirsh	Columbia Office: Clover Office: Clover Home:	

SGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
<u>CATAWBA (cont'd)</u>		
17. <u>YORK HOUSE (cont'd)</u>		
Palmer Freeman, Jr.	Columbia Office: Rock Hill Office: Rock Hill Home:	_____ _____ _____
Samuel R. Foster	Columbia Office: Rock Hill Office: Rock Hill Home:	_____ _____ _____
18. <u>CHESTERFIELD/KERSHAW/LANCASTER HOUSE</u>		
Derial L. Ogburn	Columbia Office: Jefferson Office: Jefferson Home:	_____ _____ _____

O. Federal Government Liaison (FGL)

FEDERAL GOVERNMENT LIAISON

Office
Telephone

Home
Telephone

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. 44, FGL Call List.
2. Repeat the calls every 3 to 4 hours, or as warranted by the situation.
3. FGL may choose not to make calls during a drill but should keep up to date on situation developments so he/she can respond to questions.

FGL Call List

	<u>Phone Numbers</u>	<u>Time Called</u>
1. Senator John East	Washington Office:	_____
Palmer Stacey (Legislative Asst.)	Washington Home:	_____
Kathey Davis (District Office Rep.)	Raleigh Office:	_____
	Raleigh Home:	_____
2. Senator Jesse Helms	Washington Office:	_____
Clint Fuller (Legislative Asst.)	Washington Home:	_____
Frances Jones (District Office Rep.)	Raleigh Office:	_____
	Raleigh Home:	_____
3. Senator Ernest Hollings	Washington Office:	_____
Michael Copps (Legislative Asst.)	Washington Home:	_____
Bernard Meng (District Office Rep.)	Columbia Office:	_____
	Columbia Home:	_____
4. Senator Strom Thurmond	Washington Office:	_____
	District Office:	_____
	(Columbia, SC)	_____
Jim Babb (Legislative Asst.)	Washington Home:	_____
Warren Abernathy (District Office Rep.)	Spartanburg Home:	_____

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
5. Rep. Bill Cobey	Washington Office:	
Jan Fujiwaka (Legislative Asst.)	Washington Home:	
Barbara Willis (District Office Rep.)	Chapel Hill Office: Chapel Hill Home:	
6. Rep. Howard Coble	Washington Office:	
Donna Alexander (Legislative Asst.)	Washington Home:	
Ken Thompson (District Office Rep.)	Greensboro Office: Greensboro Home:	
7. Rep. James T. Broyhill	Washington Office: Washington Home: Lenoir Home:	
Susan Asmus (Legislative Asst.)	Washington Home:	
Sharon McCrary (District Office Rep.)	Lenoir Office: Lenoir Home:	
8. Rep. Bill Hendon	Washington Office:	
David Craft (Legislative Asst.)	Washington Home:	
C. W. Hardin (District Office Rep.)	Asheville Office: Asheville Home:	
9. Rep. W. G. Hefner	Washington Office:	
Bill McEwen (Legislative Asst.)	Washington Home:	
Virginia Jochems (District Office Rep.)	Concord Office: Concord Home:	

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
10. Rep. Alex McMillan	Washington Office:	_____
	Charlotte Home:	_____
Larry Bowles (Legislative Asst.)	Washington Home:	_____
Chris Keisler (District Office Rep.)	Charlotte Office:	_____
	Charlotte Home:	_____
11. Rep. Stephen L. Neal	Washington Office:	_____
Jackie Brincefield (Legislative Asst.)	Washington Home:	_____
J. W. Phillips (District Office Rep.)	Winston-Salem Office:	_____
	Winston-Salem Home:	_____
12. Rep. Tim Valentine	Washington Office:	_____
Ted L. Daniel (Legislative Asst.)	Washington Home:	_____
A. B. Swindell, IV (District Office Rep.)	Rocky Mount Office:	_____
	Rocky Mount Home:	_____
13. Rep. Carroll Campbell (4th District, S.C.)	Washington Office:	_____
	Fountain Inn, SC Home:	_____
Nikki McNamee (Legislative Asst.)	Washington Home:	_____
Bill Bryson (District Office Rep.)	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 (Legislative Asst.)	Washington Home:	
Barbara Gaines (District Office Rep.)	Anderson Office:	
	Anderson Home:	
15. Rep. John Spratt (5th District, S.C.)	Washington Office:	
Jean Neal (Legislative Asst.)	Washington Home:	
Rita Hayes (District Office Rep.)	Rock Hill Office:	
	Rock Hill Home:	

P. Media Registration Coordinator (MRC)

MEDIA REGISTRATION
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - MIKE BUMGARDNER
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

Shift 2 - BECKY MCGINNIS
(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 located in the O. J. Miller Auditorium in Charlotte 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.
6. MRC will function throughout duration of crisis.

Q. Technical Briefers (TB)

TECHNICAL BRIEFERS

Office
Telephone

Home
Telephone

Shift 1 - PAT OSBURN
(Section Head)
STEVE FRYE (SRO)

MIKE PRESNELL
LOU DUNCAN

JOHN WYLIE

LES STALLINGS

JESSE SWORDS
MARGO FESPERMAN

Shift 2 - RICHARD WILSON
(Section Head)
JOHN WOLFMEYER (SRO)

HARVEY DEAL
JIM HALE
CARL LEONARD
TIM BOWEN
AMY HOPE (Station)

TOMMY SMITH

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 seven 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)

Primary Responsibilities (cont'd)

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 CNC phones, Media Center and station as necessary.
2. Brief the state and county PIOs and keep them informed of plant developments.
3. Assist the News Group in the Charlotte Supply Building as needed.

R. Audiovisual Coordinator (AVC)

AUDIOVISUAL COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - PAT PAYNE
Shift 2 - ALEX COFFIN

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 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 AVC will determine personnel needs and call in support as necessary:

AUDIOVISUAL SUPPORT

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - GREG DAUGHTRY
TONY BARNES

RALPH BRADSHAW, JR

Shift 2 - KEN BUMGARNER
MICKIE STEVENS


HUGH DEADWYLER

The AVC will assign one of the support members to work with the R/TVM if needed.

Audiovisual Coordinator (AVC)

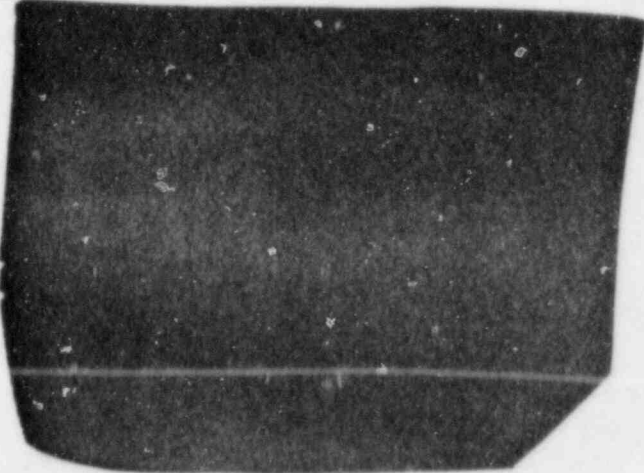
Primary Responsibilities (cont'd)

2. Call one of the following shifts and ask that they report to the 4th floor studio in the Charlotte Supply Building 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 - TED MATTHEWS SUE PARSONS NORMA O'BRIEN			
Shift 2 - CAROL BARRETT TOM GRANTHAM SAM KENNEDY			

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

<u>SECRETARIAL TEAM</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - BETH MASURAT (Section Head) ALLISON PLYLER ELIZABETH MCMURRAY CAROLYN LAYMAN PAT WEAVER		
Shift 2 - BARBARA BROWN (Section Head) PEARL MCBRIDE ANNETTE ISENHOUR PRISCILLA LEDBETTER SHEILA ZINK		

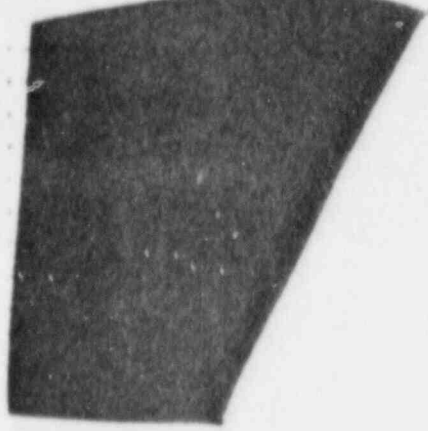
Basic Function

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.

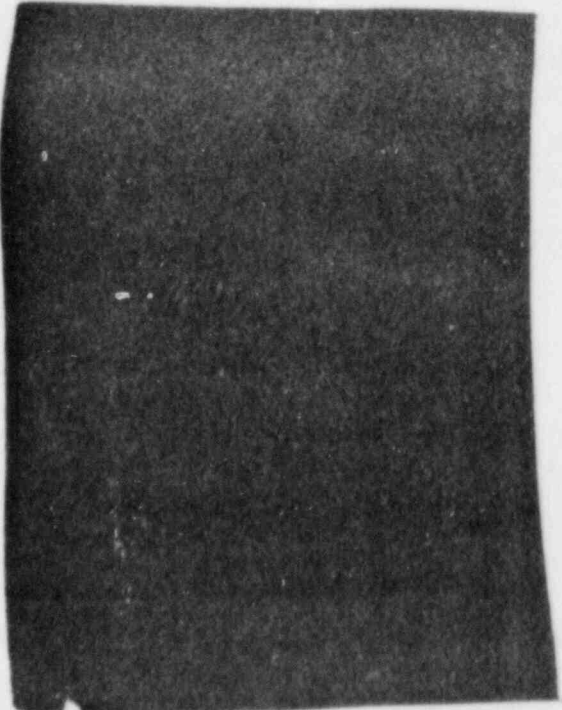
HAND DELIVER (news releases and press conference transcripts)

- (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 boards
 - (5) Executive Staff:
Ken Clark.....
W. S. Lee.....
W. H. Grigg.....
A. C. Thies.....
D. W. Booth.....
H. L. Cranford.....
D. H. Denton.....
W. H. Owen.....
Jim Beavis.....
J. D. Hicks.....
S. C. Griffith.....
- 

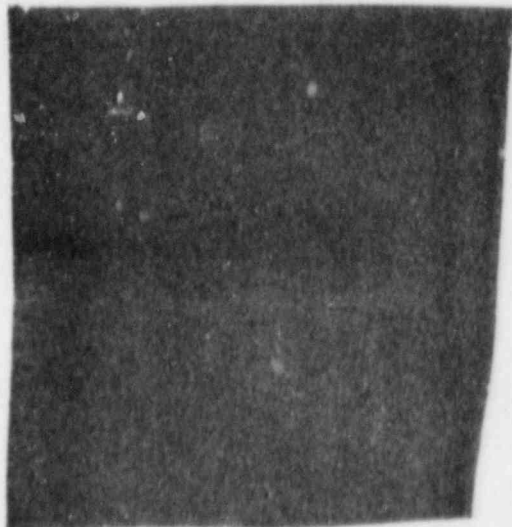
Secretarial Team

Primary Responsibilities (cont'd)

ELECTRONIC MAIL (news releases)

<u>COMPANY</u> <u>NAME</u>	<u>ATTENTION OF</u>	<u>(INFORMATION ONLY)</u>	
		<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>INPO</u>	Angie Howard		
<u>AIF</u>	Scott Peters, or Paul Turner		
<u>NSAC</u>	Ray Schuster, or Dan Van Atta		
<u>EEI</u>	Gloria Dittus		

TELECOPY (news releases)

<u>COMPANY</u> <u>NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>ANS</u>	Darlene Schmidt, or Gay Easley		
<u>NRC</u>	Ken Clark		
<u>WESTINGHOUSE</u>	John Burk		
<u>SC State Gov. Office</u>	Paul Lunsford		

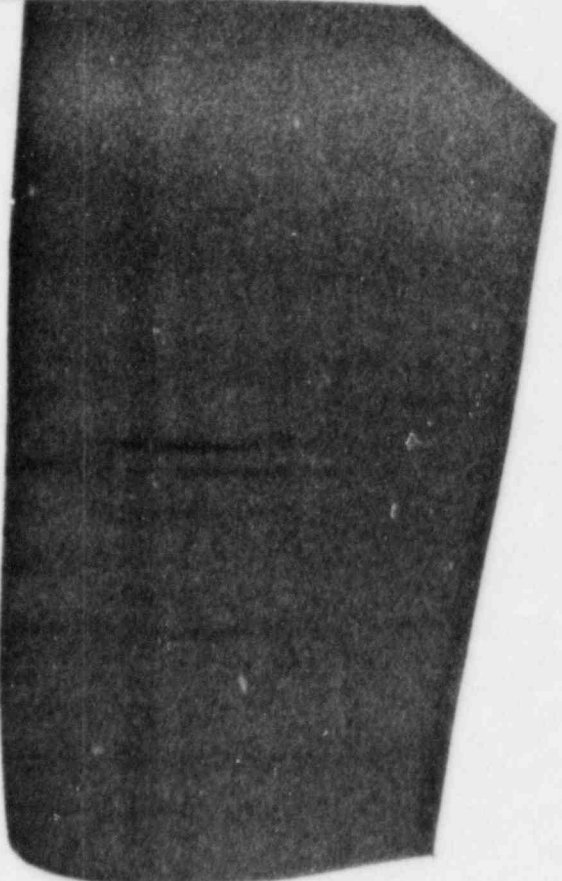
CATAWBA
ONLY

Secretarial Team

Primary Responsibilities (cont'd)

TELECOPY (news releases) (cont'd)

	<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>CATAWBA ONLY</u>	<u>AP</u>			
	<u>AP</u>			
<u>CATAWBA ONLY</u>	<u>UPI</u>			
	<u>UPI</u>			
<u>CATAWBA ONLY</u>	Technical Support Center Jim Hampton NRC Representatives FEMA Representatives			
	<u>MCGUIRE ONLY</u> Technical Support Center Tony McConnell NRC Representatives FEMA Representatives			



T. Media Notification Team

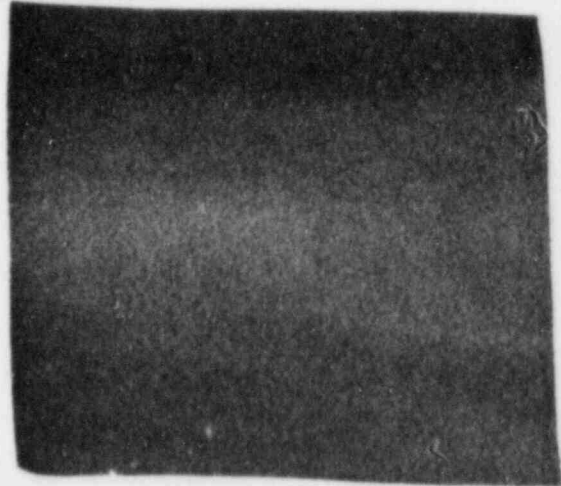
MEDIA NOTIFICATION TEAM

Office
Telephone

Home
Telephone

Shift 1 - JOYCE BEYER
(Section Head)
WILMA KINARD
PEGGY HENDERSON
JUDY PORTER
NANCY PLYLER

Shift 2 - FRAHER BROWN
(Section Head)
BETH ANTHONY
MARIE HINSON
MARCIA HALSEY
NAOMI LINDER



Basic Function

1. Assists the SC.
2. Makes media calls as directed by the Section Head from media call list, p. 58.
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)		WROQ	
CHARLOTTE NEWS (PM) (Oppel's office)		Charlotte, NC 28216	
(Echridge office)		Brad Shulzts and Carl Ross	
Charlotte, NC 28201		News Directors	
Rich Oppel, Editor			
Alternate numbers:		Alternate numbers:	
Rich Oppel (H)		News Room	
Mark Echridge (H)		(manned 24 hrs/day)	
3.		4. *	
WGO/WPEG		GASTONIA GAZETTE (PM)	
Concord, NC 28025		Gastonia, NC 28052	
William Rollins, General Mgr.		Bill Williams, Editor	
Alternate number:		Alternate numbers:	
Nancy Cooper		Bill Williams (H)	
(Station Manager) (H)		Gennie Palmer (H)	
		Don Hudson (H)	
5. **		6. **	
SALISBURY POST (PM)		ENTERPRISE (PM)	
Salisbury, NC 28144		High Point, NC 27261	
Steve Bouser, Editor		Joe Brown, Editor	
Alternate numbers:		Alternate number:	
Steve Bouser (H)		Joe Brown (H)	
Jason Lesley (H)			

* = AM
** = PM

Media Call List 1 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. *		8.	
WINSTON-SALEM JOURNAL (AM)		WYFF-TV	
Winston-Salem, NC 27102		Greenville, SC 29602	
Joe Goodman, Managing Editor		Mary McCarthy, News Director	
Alternate numbers:		Alternate numbers:	
Joe Goodman(H)		Mary McCarthy(H)	
Sylvia Lane(H)		David Graves(H)	
<hr/>			
9.		10. *	
WSPA-TV		NEWS & OBSERVER (AM)	
Spartanburg, SC 29304		Raleigh, NC 27602	
Kevin Kelly, News Director		Claude Sitton, Editor	
Alternate numbers:		Alternate numbers:	
Hot Line to News Room .		Claude Sitton(H)	
Jim Walrod, Asst.		Bob Brooks(H)	
News Director(H)			
<hr/>			
11.		12.	
WSW-4BPM		WGOG	
Seneca, SC		West Union, SC 29696	
Wayne Gallimore, Manager		George Allgood, Program Dir.	
		Jerry Dyar	
Alternate numbers:		Alternate numbers:	
Wayne Gallimore(H)		George Allgood(H)	
Herb Hosea(H)		Jerry Dyar(H)	

* = AM
 ** = PM

Media Call List 2

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

* = AM
*** = PM

Media Call List 2 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7.		8.*,**	
WSJS/WTOR		GREENSBORO DAILY NEWS(AM)	
(News Room)		GREENSBORO RECORD (PM)	
Winston-Salem, NC 27102		Greensboro, NC 27420	
Bob Costner, Assistant News Director		Ben Bowers, Exec Ed	
Alternate number: Control Room (manned at all times).		Alternate number: City Desk (manned at all times)	
9.		10.*	
WTVD-TV		ANDERSON INDEPENDENT MAIL (AM)	
Durham, NC 27702		Anderson, SC 29621	
Ned Warwick, News Director		Dick Gorrell, Vice Pres. & 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.***		12.	
RALEIGH TIMES (PM)		WAXA-TV	
Raleigh, NC 27602		Anderson, SC 29622	
A. C. Snow, Editor		Steve Clark, Production Mgr	
Alternate numbers: A. C. Snow (H) Mike Yopp. (H)		Alternate number: Steve Clark (H)	

* = AM
** = PM

Media Call List 3

	<u>Time Called</u>	<u>Time Called</u>
1. ** ENQUIRER-JOURNAL (PM) Monroe, NC 28110 Sid Hart, Editor Alternate number: Sid Hart (H)		2. WCSL Cherryville, NC 28021 Calvin Hastings, Gen. & Sales Mgr. Alternate numbers: Milton Baker (H) Calvin Hastings. (H)
3. ** RECORD AND LANDMARK (PM) Statesville, NC 28677 Jerry Josey, Editor Alternate numbers: Jerry Josey (H) Neil Furr (H) Darrell Hathcock. (H)		4. WBIG Greensboro, NC 27420 Don Bowen, News Director Alternate numbers: News Room (manned all hours except 12 Midnight - 5 AM Sundays) Don Bowen (H)
5. WFMY-TV Greensboro, NC 27420 Ken Smith, Managing Ed Alternate numbers: 6:30 AM - 11:30 PM & Weekends News Room Ken Smith (H) Mike Majors (H)		6.* DURHAM MORNING HERALD (AM) Durham, NC 27702 Dick Jones, City Ed Alternate number: Dick Jones (H)

* = AM
** = PM

Media Call List 3 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. **		8. *	
DURHAM SUN (PM)		GREENVILLE NEWS (AM)	
Durham, NC 27702		Greenville, SC 29602	
Carlton Harrell, Managing Ed.		Marion Elliott, City Ed	
		Tom Hutchinson, Managing Ed	
Alternate number:		Alternate numbers:	
Carlton Harrell . . . (H)		Marion Elliott . . . (H)	
		Tom Hutchinson . . . (H)	
9. **		10. **	
GREENVILLE PIEDMONT (PM)		GREENWOOD INDEX	
Greenville, SC 29602		JOURNAL (PM)	
Dale Gibson, Managing Ed		Greenwood, SC 29646	
		William Collins, Editor and	
		General Manager	
Alternate number:		John Watson, Managing Ed.	
Dale Gibson (H)		Alternate number:	
		John Watson (H)	
11.			
WIS-TV			
Columbia, SC 29201			
Scott Parks, News Dir.			
Alternate numbers:			
Scott Parks (H)			
Lonnie Wehunt (H)			

* = AM
** = PM

Media Call List 4

	<u>Time Called</u>		<u>Time Called</u>
1.		2.	
WPCO-TV		WLCN	
Charlotte, NC 28205		Lincolnton, NC 28092	
Tonia Black,		Larry Seagle, News Director	
Assign News Ed.		Jack Brown, Manager	
Alternate numbers:		Alternate numbers:	
Tonia Black (H)		Larry Seagle (H)	
		Jack Brown (H)	
3.		4.	
MOORESVILLE TRIBUNE		MECKLENBURG GAZETTE	
Mooreville, NC 28115		Davidson, NC 28036	
Len Sullivan, Editor		Nancy Ashburn, Ed. and Adv. Dir.	
Alternate number:		Alternate number:	
Len Sullivan (H)		Nancy Ashburn (H)	
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)	

* = AM
PM = PM

Media Call List 4 (cont'd)

	<u>Time Called</u>		<u>Time Called</u>
7. *,**		8. *,**	
SPARTANBURG HERALD-JOURNAL (AM, PM)		STATE (AM)	
Spartanburg, SC 29304		RECORD (PM)	
Rudy Rivers, Exec. Ed		Columbia, SC 29202	
Leslie Timms, Managing Ed		Thomas W. McLean, Ex News Ed	
Alternate number:		Alternate numbers:	
Rudy Rivers(H)		Charlie Byers(H)	
		Harry Logan(H)	
		Robert Hitt(H)	
9.		10.	
*PTF		*WANS	
Raleigh, NC 27602		Anderson, SC 29622	
Dave Bolick, News Director		Tom Long, News Dir.	
Alternate number:		Alternate number:	
Dave Bolick(H)		Tom Long(H)	
11.			
*RAL-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.
WBT-AM Charlotte, NC 28208 Scott White, News Director		WSOC-TV (News room) Charlotte, NC 28201 Dick Moore, News Director
Alternate number: Scott White (H)		Alternate numbers: Dick Moore (H) Wayne Houseman (H)
3. AM		4.
CONCORD TRIBUNE (PM) Concord, NC 28025 John Kennedy, Editor Celle Benton, Managing Editor		WCAS Gastonia, NC 28052 Glenn Mace, President
Alternate numbers: John Kennedy (H) Celle Benton (H)		Alternate numbers: Glenn Mace (H) Earl Mace (H)
5. AM		6.
NEWS TOPIC (PM) Lenoir, NC 28645 Steve Sumlin, Editor		WXII-TV Winston-Salem, NC 27106 Dave Emery, News Dir.
Alternate number: Steve Sumlin (H)		Alternate number: Dave Emery (H)

✓ = 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	
Gary Curtis, News Director		Dwight Sparks, Ed. & Pub	
Alternate numbers:		Alternate number:	
Gary Curtis(H)		Dwight Sparks(H)	
David Roberts(H)			
<hr/>			
9.		10.	
WPTF-TV		WSPA	
After 3pm, 919/821-2009 News		Spartanburg, SC 29304	
Raleigh, NC 27602		Greg McKinney, News Dir	
Roy Carlen, News Director			
Alternate number:		Alternate numbers:	
Roy Carlen		News Room	
		Greg McKinney(H)	
<hr/>			
11.		12.	
WLOS-TV		THE REGISTER	
Greenville, SC 29602		Denver, NC 28037	
Carol Gabel, News Director		Terry Bray, Editor	
Alternate numbers:		Alternate numbers:	
Carol Gabel(H)		Terry Bray(H)	
For Asheville		Ty Buckner(H)	

* = AM
** = PM

U. Status Board Coordinator (SBC)

STATUS BOARD COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - SHANNON SMITH

Shift 2 - ANN BLINN

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.

V. Radio and Television Monitor (R/TVM)

RADIO/TV MONITOR

Office
Telephone

Home
Telephone

Shift 1 - TED MATTHEWS
SUE PARSONS
NORMA O'BRIEN

Shift 2 - CAROL BARRETT
TOM GRANTHAM
SAM KENNEDY

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 the Charlotte Supply Building, fourth floor.
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.

RADIO/TELEVISION STATIONS TO BE MONITORED

Radio Stations

WBCY - 107.9 FM radio
WBT - 1110 AM radio
WSOC - 103.7 FM radio

TV Stations

WBTW - Ch. 3 TV
WSOC - Ch. 9 TV
WPCQ - Ch. 36 TV

The audio tapes will provide a permanent record of what was said in the area. The audio tapes should be given 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 (CHS-313) 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.

W. Investor Communications Coordinator (IvCC)

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

Shift 1 - STICK WILLIAMS

Shift 2 - MALCOLM NIVEN

Basic Function

This individual will be responsible for maintaining effective communication with those members of the financial community who call for additional information, and those members of the financial community whom the IvCC deems it essential to call.

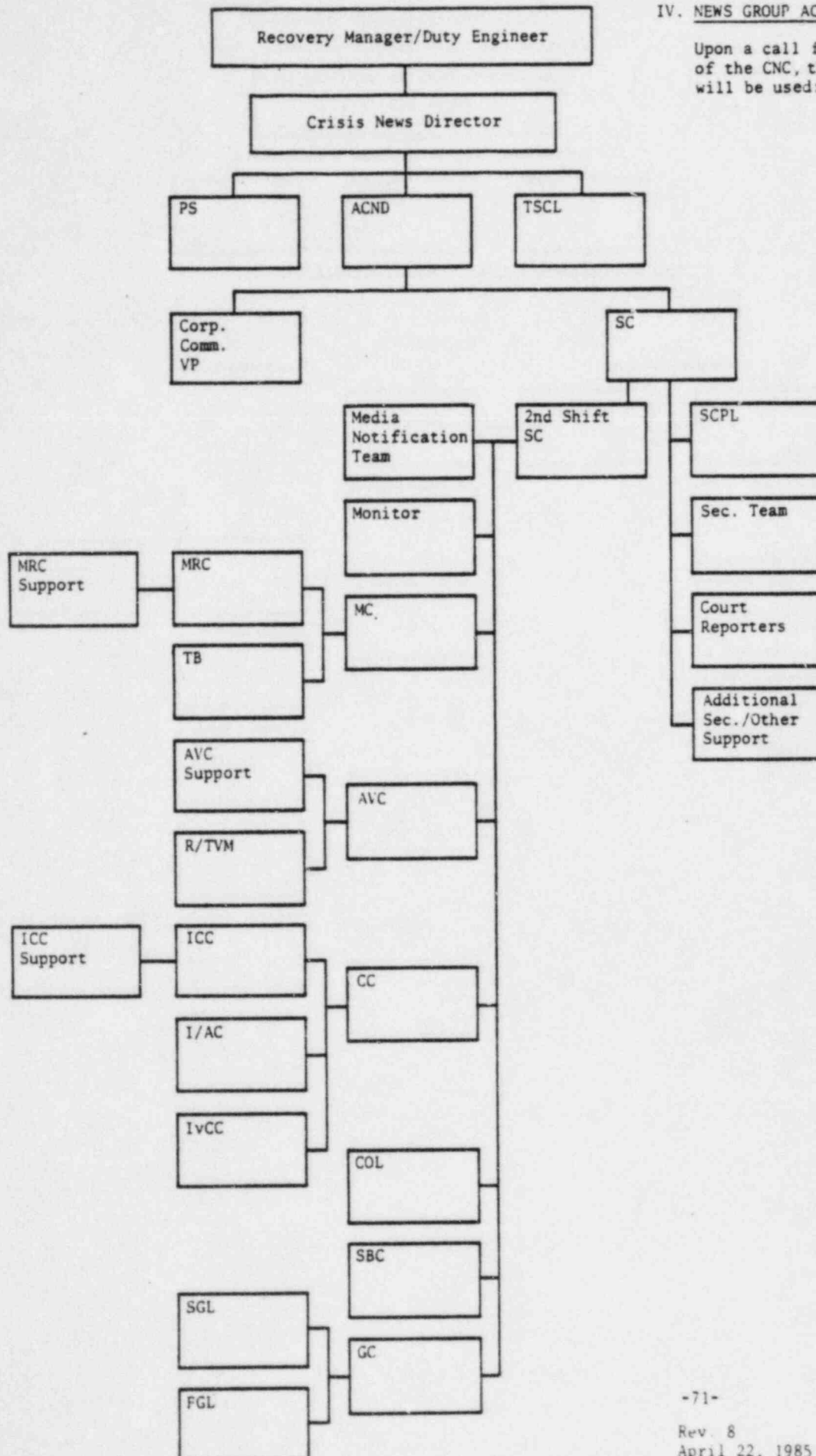
IvCC maintains investors' confidence at all times and is also responsible for disseminating data on the emergency for use in the investor relations department.

Primary Responsibilities

1. Upon notification by the CC that the CNC is to be activated, proceed to the Charlotte Supply Building, third floor.
2. Report to the Communications Coordinator. The IvCC will monitor crisis developments, make update reports to the financial community as needed and answer any calls directed to him from the financial and general media and members of the financial community who call for additional information.
3. Disseminate information on the emergency for use in the investor relations department.
4. 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. NEWS CENTER FACILITY

As described in Figure 5, p. 81, the primary 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. 82.

The CNC staff will work out of the Corporate Communication Department located in the Charlotte Supply 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. 83.

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

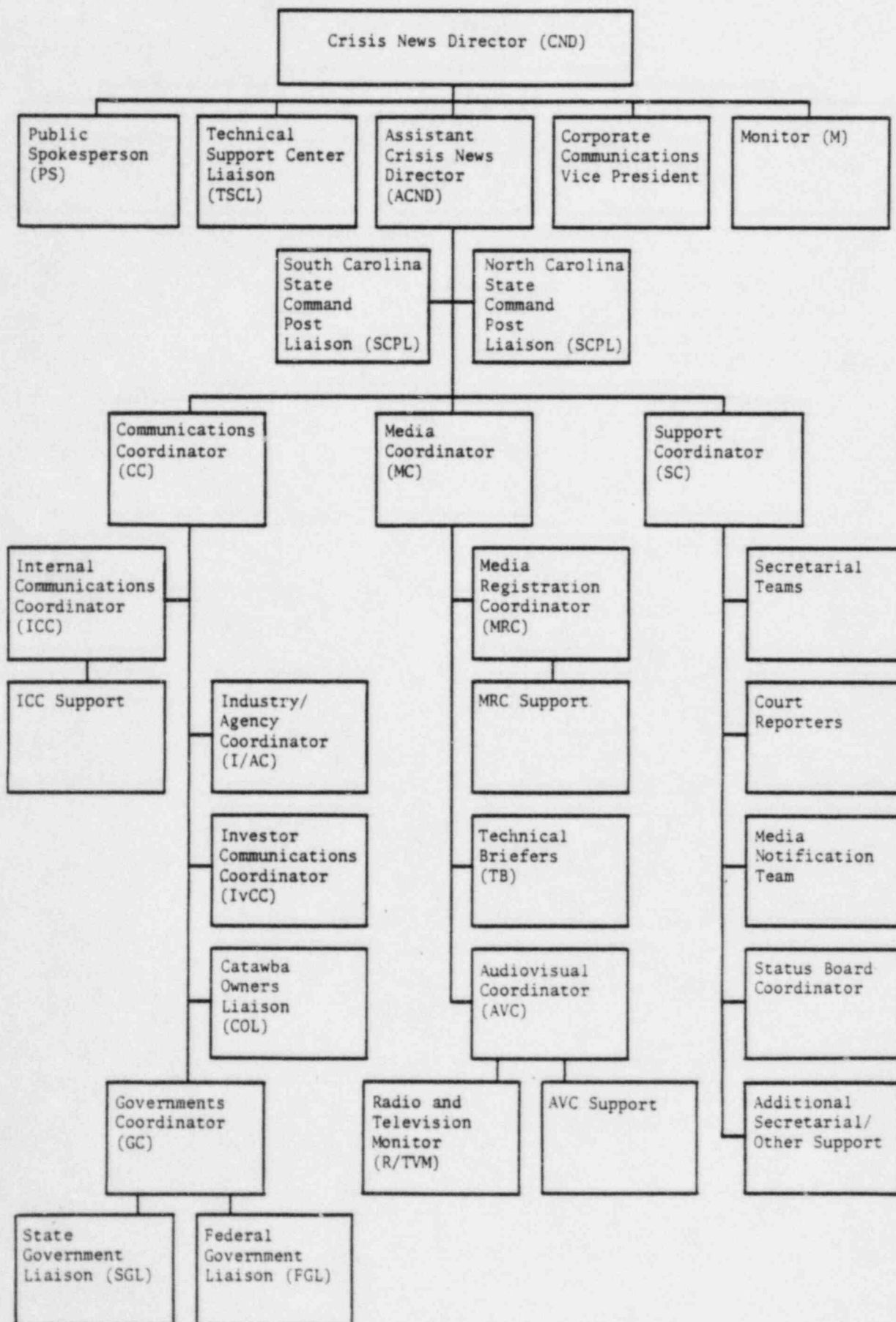


Figure 1 (cont'd)

NAME/TITLE

Crisis News Director

Shift 1 - Mary Cartwright
Shift 2 - Mary Boyd

Assistant Crisis News Director

Shift 1 - Phil Carter
Shift 2 - Joe Maher

Vice President, Corporate Communications

J. Kenneth Clark

Public Spokesperson

Shift 1 - H. B. Tucker
Shift 2 - J. W. Hampton or Tony McConnell or Mike Tuckman

Monitor

Shift 1 - Don Blackmon
Shift 2 - Ferman Wardell

Communications Coordinator

Shift 1 - Sondra Wise
Shift 2 - Larry Davison

Media Coordinator

Shift 1 - Cecily Newton
Shift 2 - Mike Dembeck

Support Coordinator

Shift 1 - Diane Savage
Shift 2 - Sara Lee Epperson

South Carolina

State Command Post Liaison

Shift 1 - Chris Rolfe
Shift 2 - Don Hatley

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 - Beth Parsons
Shift 2 - Kathy Bryant

Industry/Agency Coordinator

Shift 1 - Dock Kornegay
Shift 2 - John McAlister

Catawba Owners Liaison

Shift 1 - Dan Browne
Shift 2 - Al Neely

Governments Coordinator

Shift 1 - Rick Deese
Shift 2 - Elizabeth Marsala

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 - Mike Bumgardner
Shift 2 - Cathy Roche

Media Registration Coordinator Support

Shift 1 - Pat Tate - Section Head
Jan Keeger
Palmer Holt

Figure 1 (cont'd)

Media Registration Coordinator Support (cont'd)

Shift 2 - Becky McGinnis - Section Head
Robin Lowe
Mark McSwain

Technical Briefers

Shift 1 - Pat Osburn - Section Head
Steve Frye (SRO)
Mike Presnell
Lou Duncan
John Wylie
Les Stallings
Jesse Swords
Margo Fesperman

Shift 2 - Richard Wilson - Section Head
John Wolfmeyer (SRO)
Harvey Deal
Jim Hale
Carl Leonard
Tim Bowen
Amy Hope (Station)
Tommy Smith

Audiovisual Coordinator

Shift 1 - Pat Payne
Shift 2 - Alex Coffin

Audiovisual Coordinator Support

Shift 1 - Greg Daughtry
Tony Barnes
Ralph Bradshaw, Jr.

Shift 2 - Ken Bumgarner
Mickie Stevens
Hugh Deadwyler

Secretarial Team

Shift 1 - Beth Masurat - Section Head
Allison Plyler
Elizabeth McMurray
Carolyn Layman
Pat Weaver

Shift 2 - Barbara Brown - Section Head
Pearl McBride
Annette Isenhour
Priscilla Ledbetter
Sheila Zink

Figure 1 (cont'd)

Media Notification Team

Shift 1 - Joyce Beyer - Section Head
Wilma Kinard
Peggy Henderson
Judy Porter
Nancy Plyler

Shift 2 - Fraher Brown- Section Head
Beth Anthony
Marie Hinson
Marcia Halsey
Naomi Linder

Status Board Coordinator

Shift 1 - Shannon Smith
Shift 2 - Ann Blinn

Radio and Television Monitor

Shift 1 - Ted Matthews
Sue Parsons
Norma O'Brien

Shift 2 - Carol Barrett
Tom Grantham
Sam Kennedy

Investor Communications Coordinator

Shift 1 - Stick Williams
Shift 2 - Malcolm Niven

Additional Secretarial/Other Crisis News Center Support

Secretarial Support

Louise Jenkins
Bernie Mills

Other CNC Support

Toney Mathews
Mary Cele Bain
Jim Reynolds
Murray Craven
Kenn Compton

Figure 2

Crisis Management Center
Emergency Activation Message

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

Your name _____ Time contacted _____ AM/PM
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 and have them report to the Charlotte General Office.
5. Specific Instructions (if any): _____

6. Please return a copy of this completed format to the System Emergency Planner, R. E. Harris, WC-2337, Charlotte, N.C.

Figure 3 - MCGUIRE ONLY

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

THIS (IS/IS NOT) A DRILL

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

Preliminary information indicates (give nature of problem).

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

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

Additional details will be provided as available.

THIS (IS/IS NOT) A DRILL.

For further information, call Corporate Communications in Charlotte at
[REDACTED] or [REDACTED]

Plant neighbors should stay tuned to their radios or TVs for further
information. State and county officials would use the Emergency Broadcast
System for any protective action recommendations.

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
[REDACTED]

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.

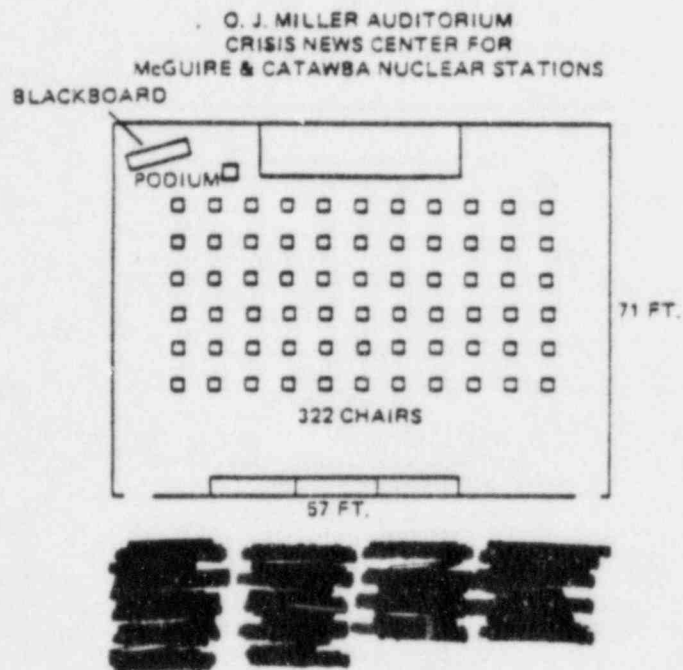
For further information, call Corporate Communications in Charlotte at

Plant neighbors should stay tuned to their radios or TVs for further information. State and county officials would use the Emergency Broadcast System for any protective action recommendations.

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

CNC - O. J. Miller Auditorium and Media Phones

Figure 5



Access to Crisis Management Center

Figure 6

GENERAL OFFICE BUILDING LAYOUT - CHARLOTTE, N. C.

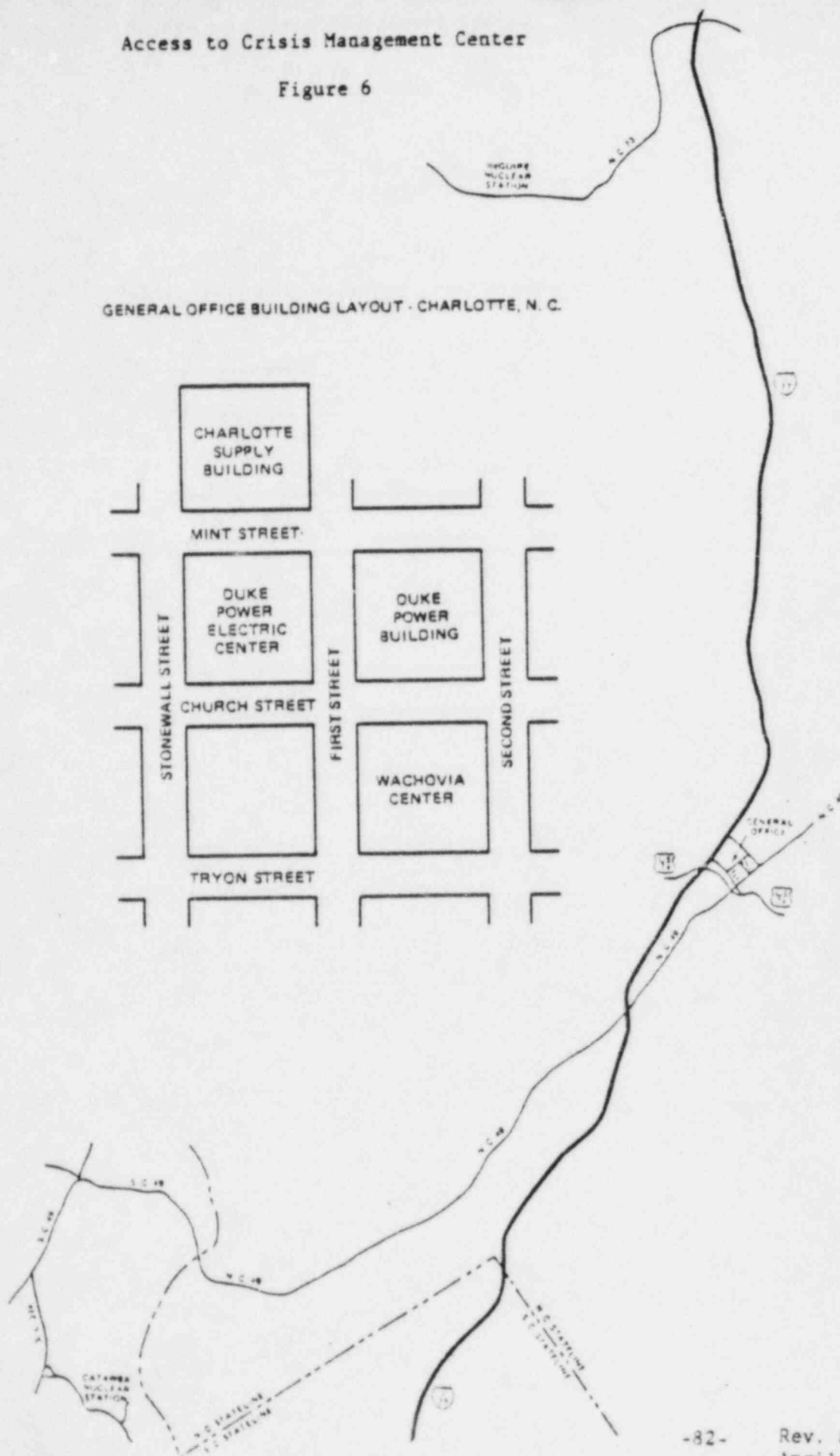


Figure 7
 RECOVERY MANAGER/SCHEDULING & PLANNING OFFICE
 WACHOVIA CENTER - ROOM 1010

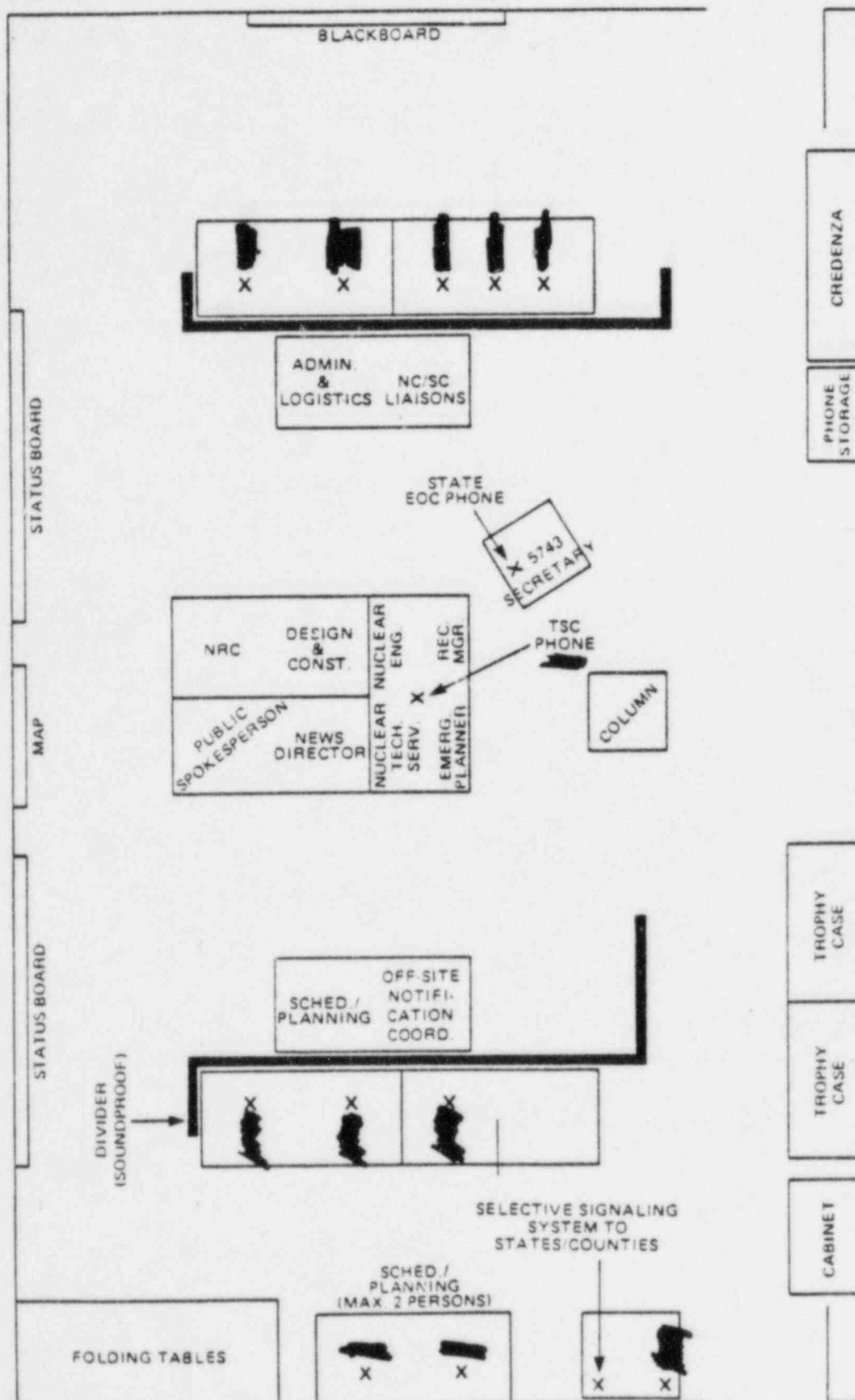
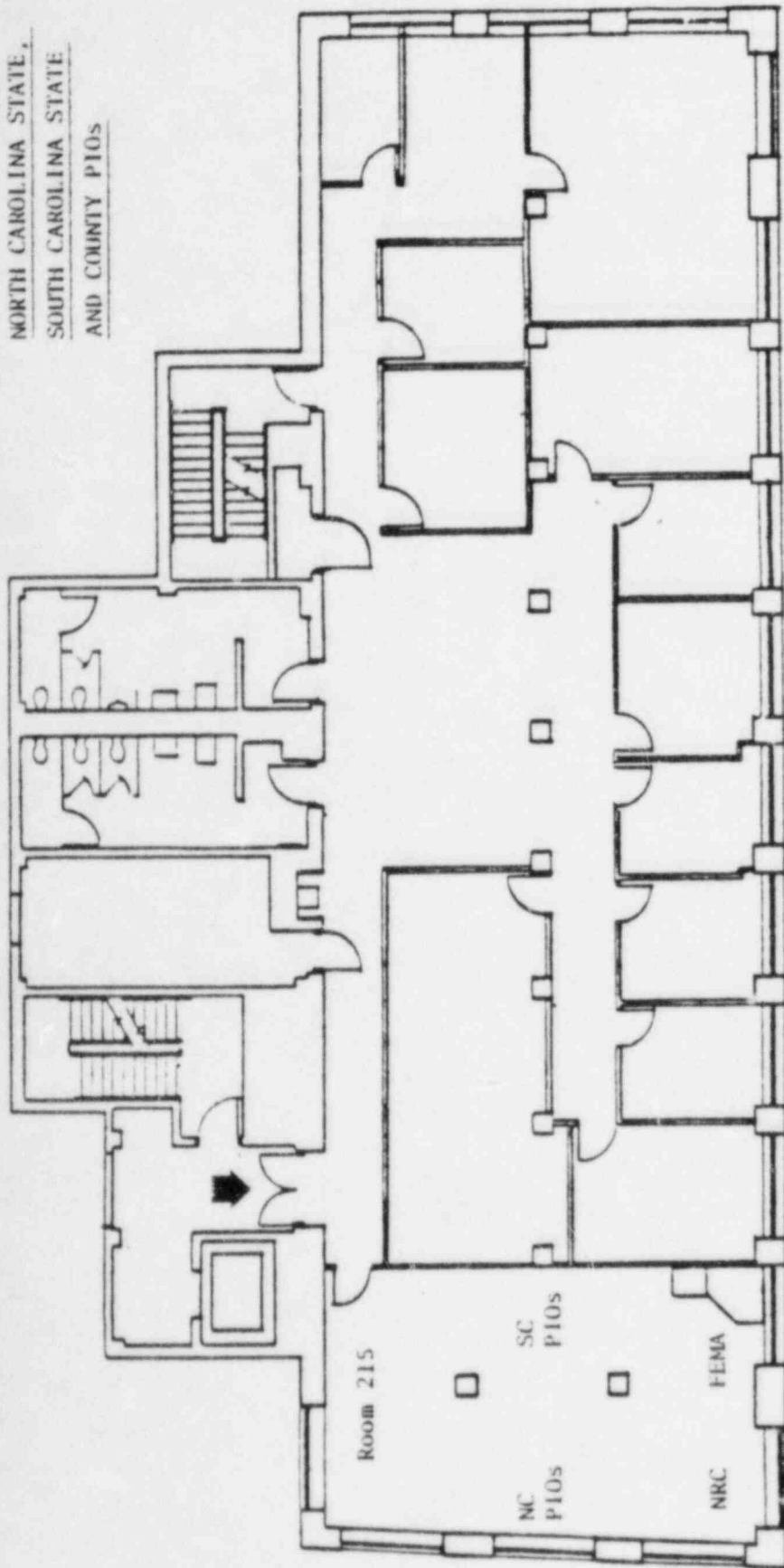


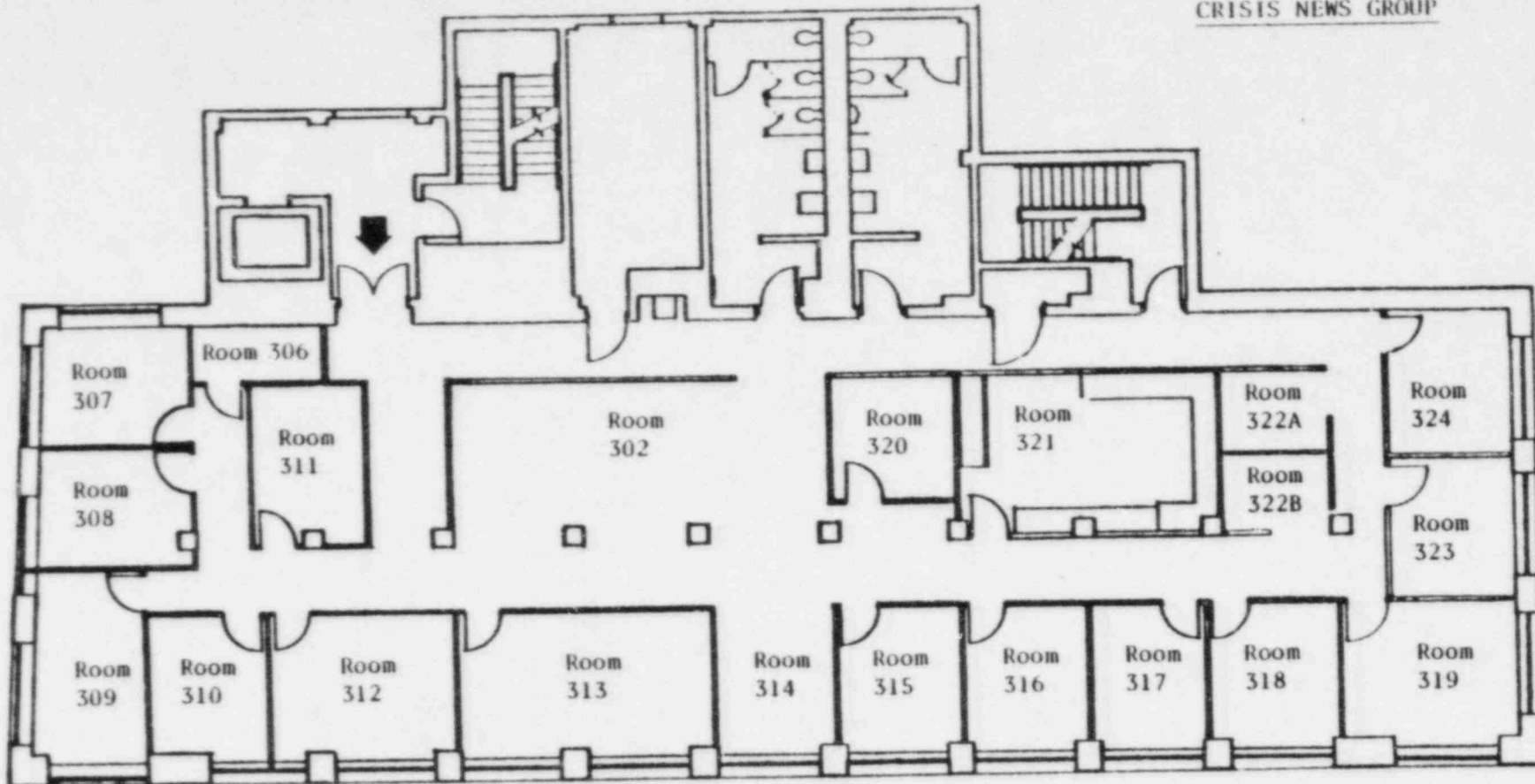
Figure 8

NORTH CAROLINA STATE,
SOUTH CAROLINA STATE
AND COUNTY PIOs



SECOND FLOOR PLAN
CHARLOTTE SUPPLY BUILDING

NC PIOs PHONES (speaker)
SC PIOs PHONES (speaker)
NRC PHONES (speaker)
FEMA PHONE



THIRD FLOOR PLAN

CHARLOTTE SUPPLY BUILDING

Room 306

Telecopy

Room 307

Rumor Control

Room 308

Rumor Control

Room 309

Rumor Control

Room 310

Room 311

Room 312

Room 313

Assistant
Crisis News
Director

Room 314

Room 315

Room 316

Room 317

Room 318

Room 319

Room 320

Room 321
Copy Machine

Room 322A

Room 322B

Room 323

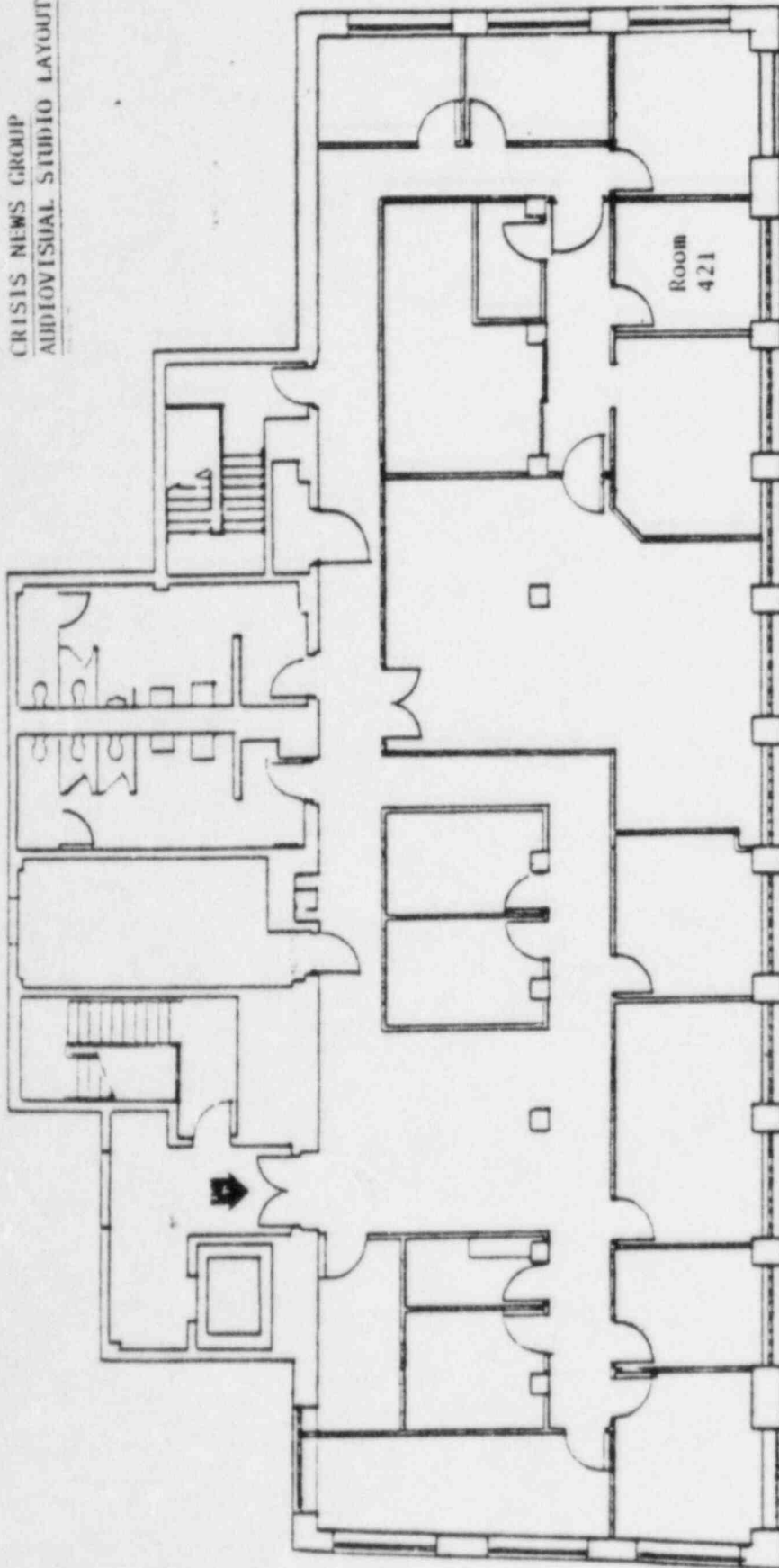
Room 324

Room 302

Figure 8 (continued)

Figure 8 (continued)

CRISIS NEWS GROUP
AUDIOVISUAL STUDIO LAYOUT



FOURTH FLOOR PLAN
CHARLOTTE SUPPLY BUILDING

CRISIS MANAGEMENT IMPLEMENTING PLAN

CMIP-3 - CRISIS NEWS GROUP PLAN

Oconee Nuclear Station

D. Technical Support Center Liaison (TSCL)

TECHNICAL SUPPORT CENTER
LIAISON

Office
Telephone

Home
Telephone

Shift 1 - DAN MARETT
Shift 2 - ANDY THOMPSON

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

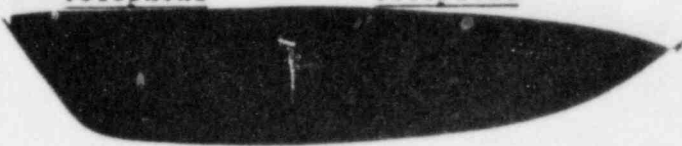
Shift 1 - TOM McQUARRIE

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 - PHIL CARTER		
Shift 2 - CECILY NEWTON		


Basic Functions

The most important duty of the GOND is writing/issuing news releases if the CNC is not available for some reason. The GOND would get information on the emergency from the station.

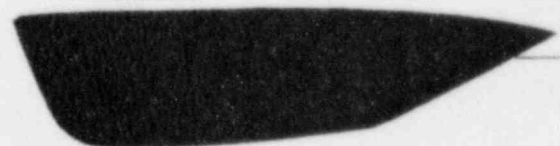
The GOND will manage the Corporate Communications Department at General Office which will continue to function throughout the emergency. This department will serve as the interim news center for sending out the first messages and handling initial inquiries until the Crisis News Center has been activated. Once the Crisis News Center is operable, the remaining staff at General Office will perform some of the more routine daily functions such as there 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. Continue to act as liaison with NRC in Atlanta until NRC is available in Recovery Manager's office.

<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: EDITH CAUDLE			


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

General Office News Director


Primary Responsibilities (cont'd)

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Alternate: PURDY McCLOUD			<u> </u>

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 or during any time not operational. Also, check with the SEOC to determine what public messages they are issuing.

	<u>Office Telephone</u>	<u>Time Called</u>
SC STATE EMERGENCY OPERATIONS CENTER		<u> </u>
PAUL LUNSFORD or		<u> </u>
Public Information Official State Telecopy -- Columbia, SC		<u> </u>

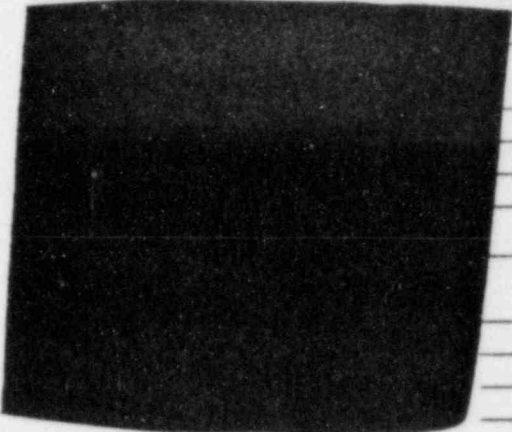
4. Call the section head of the secretarial team - general office and ask that she notify her team members and report to the General Office News Center located on the third floor of the Charlotte Supply Building.

	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
SECRETARIAL TEAM GENERAL OFFICE		<u> </u>	
Shift 1 - BARBARA BROWN		<u> </u>	
(Section Head)		<u> </u>	
PAT WEAVER		<u> </u>	
ANNETTE ISENHOUR		<u> </u>	
Shift 2 - ELIZABETH MCMURRAY		<u> </u>	
(Section Head)		<u> </u>	
SHEILA ZINK		<u> </u>	
LOUISE JENKINS		<u> </u>	
		<u> </u>	

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 Director to assist as necessary.

General Office News Director

Primary Responsibilities (cont'd)

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

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 - BILL RIXON			
Shift 2 - GARY HEDRICK			

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

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>
Bernie Mills			
Pam Griffith			
Carol Stone			

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 and IvCC. 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

Time
Called

Shift 1 - BILL FOX
Shift 2 - BILL YODER

INDUSTRY/AGENCY COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - DOCK KORNEGAY
Shift 2 - JOHN McALISTER

INVESTOR COMMUNICATIONS
COORDINATOR

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - STICK WILLIAMS
Shift 2 - MALCOLM NIVEN

2. Keep section up to date on a minimum 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 - RICK BONSALE
Shift 2 - MIKE DEMBECK

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 shifts 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 - MIKE BUMGARDNER
Shift 2 - CATHY ROCHE

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

TECHNICAL BRIEFERS

Office
Telephone

Home
Telephone

Time
Called

Shift 1 - PAT OSBURN
(Section Head)
STEVE FRYE (SRO)

MIKE PRESNELL
LOU DUNCAN

JOHN WYLIE

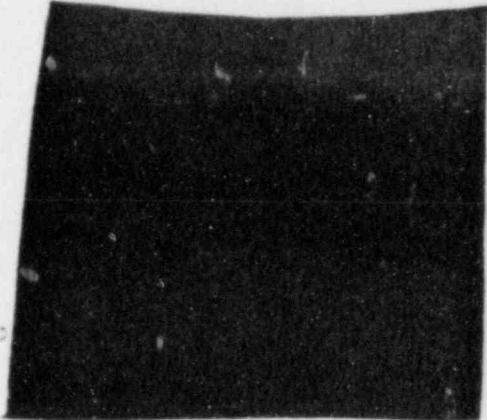
LES STALLINGS

JESSE SWORDS
SUSIE ADAMS

MARGO FESPERMAN

Media Coordinator

Primary Responsibilities (cont'd)

<u>TECHNICAL BRIEFERS</u>	<u>Office Telephone</u>	<u>Home Telephone</u>	<u>Time Called</u>
Shift 2 - RICHARD WILSON (Section Head)			_____
JOHN WOLFMEYER (SRO)			_____
HARVEY DEAL			_____
JIM HALE			_____
CARL LEONARD			_____
TIM BOWEN			_____
AMY HOPE			_____
MIKE SMITH			_____
TOMMY SMITH			_____

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 a minimum 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. 1720 in the Visitor Center.			

I. Support Coordinator (SC)

SUPPORT COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - DIANE SAVAGE
Shift 2 - SARA EPPERSON

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. 74, 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 the G.O. switchboard to inform them of event so they may refer all calls to 

	<u>Office Telephone</u>	<u>Time Called</u>
KAREN SMITH (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 - PHIL CARTER Shift 2 - CECILY NEWTON			
3. <u>Secretarial Team - Visitor Center</u> Shift 1 - BETH MASURAT (Section Head) CAROLYN LAYMAN BARBARA BARKER Shift 2 - ALLISON PLYLER (Section Head) PEARL McBRIDE 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 - FERNAN WARDELL			
2. <u>Media Coordinator (MC)</u>			
Shift 1 - RICK BONSALL			
Shift 2 - MIKE DEMBECK			
3. <u>Audiovisual Coordinator (AVC)</u>			
Shift 1 - PAT PAYNE			
Shift 2 - ALEX COFFIN			
4. <u>Communications Coordinator (CC)</u>			
Shift 1 - SONDRRA WISE			
Shift 2 - LARRY DAVISON			
5. <u>State Command Post Liaison (SCPL)</u>			
Shift 1 - CHRIS ROLFE			
Shift 2 - DON HATLEY			
6. <u>Status Board Coordinator (SBC)</u>			
Shift 1 - SHANNON SMITH			
Shift 2 - ANN BLINN			
7. <u>Governments Coordinator (GC)</u>			
Shift 1 - RICK DEESE			
Shift 2 - ELIZABETH MARSALA			
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		
or		
	(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		
or	(Charlotte)	
	(Candy Wilde	
	--home)	
or	(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.

9. Call Copy Services and request a telecopier to be delivered to Charlotte Supply Building, area beside 302-C.

	<u>Office Telephone</u>	<u>Time Called</u>
KIM HEINTZ		
or		
JAY HUGGINS		

J. State Command Post Liaison (SCPL)

STATE COMMAND POST LIAISON

Office
Telephone

Home
Telephone

Shift 1 - CHRIS ROLFE
Shift 2 - DON HATLEY

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

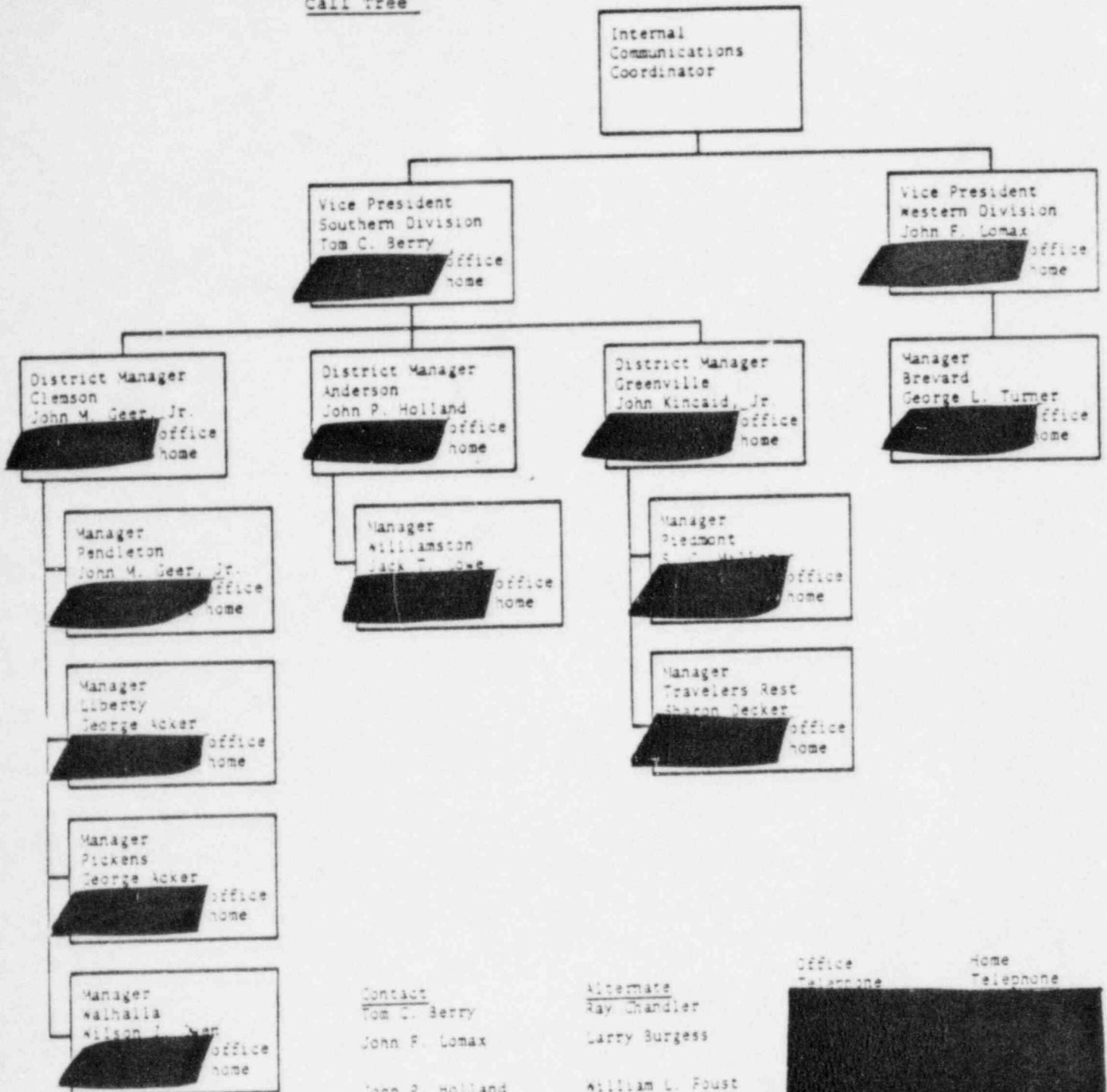
Time
Called

Shift 1 - BETH PARSONS
Shift 2 - KATHY BRYANT

Request secretarial/clerical support through the COND.
ICC Support may assist in answering "rumor control" calls.

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. 27.

Internal Communications Coordinator (ICC)
Call Tree



Contact
Tom C. Berry
John F. Lomax

John P. Holland
John Kincaid, Jr.
John M. Geer, Jr.
Wilson J. Owen

Jack T. Lowe

George Acker
S. C. Miller
Sharon Decker
George L. Turner

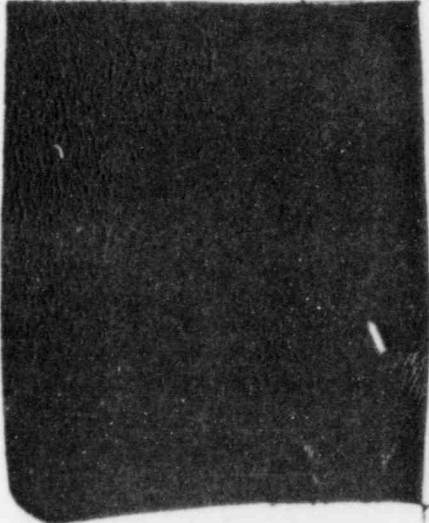
Alternate
Ray Chandler
Larry Burgess

William L. Foust
Ken Morrison
Richard Hicks
Ray Stephens
Russell Brock
Michael Pitts


Dorothy Hill
Brenda Gand

Dale Abercrombie
Ronald Hunt
Jim Miller
Stacy Derrid

Office Telephone Home Telephone



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 - JOHN McALISTER		

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 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 CC 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 is their contact during the crisis.
2. Report to CNC at the Keowee-Toxaway Visitor Center 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. 29, 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</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 PAUL TURNER			
Alternate: DUTY OFFICER			
Inform them that news releases will follow by Electronic Mail.			
4. <u>Nuclear Safety Analysis Center</u>			
Primary: RICK RUDMAN			
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: EMERGENCY MESSAGE (24-hour)			_____
Alternates: DARLENE SCHMIDT GAY EASLEY			_____ _____
7. <u>Edison Electric Institute (EEI)</u>			
Primary: GLORIA DITTUS			_____
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 MARSALA

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. 32, Governments Coordinator Call List.
2. Report to the JOND in Corporate Communications, Charlotte Supply Building, 3rd floor. 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>CENTRAL</u>			
Primary: ALTON B. CUMBIE	or		_____
Alternate: OLIN GAMBRELL			_____
<u>CLEMSON</u>			
Primary: LARRY W. ABERNATHY	or		_____
Alternate: C. F. HELSEL, JR.			_____
<u>LIBERTY</u>			
Primary: JOE F. MINTON			_____
Alternate: CARL SARGENT			_____
<u>NORRIS</u>			
Primary: KENNETH MAXEY			_____
Alternate: FRANK DONALD			_____
<u>SALEM</u>			
Primary: THOMAS E. POWELL			_____
Alternate: AMOS CHANDLER			_____

FGL Call List

	<u>Phone Numbers</u>	<u>Time Called</u>
1. Rep. Carroll Campbell (4th District, S.C.)	Washington Office: Fountain Inn. SC Home:	 _____ _____ _____
Nikki McNamee (Legislative Asst.)	Washington Home:	_____
Bill Bryson (District Office Rep.)	Greenville Office: Greenville Home:	_____ _____ _____
2. Rep. Butler Derrick (3rd District, SC)	Washington Office:	_____
Al Kamhi (Legislative Asst.)	Washington Home:	_____
Barbara Gaines (District Office Rep.)	Anderson Office: Anderson Home:	_____ _____ _____
3. Senator Ernest Hollings	Washington Office:	_____
Michael Copps (Legislative Asst.)	Washington Home:	_____
Bernard Meng (District Office Rep.)	Columbia Office: Columbia Home:	_____ _____ _____
4. Senator Strom Thurmond	Washington Office: District Office: (Columbia, SC)	_____ _____ _____
Jim Babb (Legislative Asst.)	Washington Home:	_____
Warren Abernathy (District Office Rep.)	Spartanburg Home:	_____

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
5. Rep. John Spratt (5th District, S.C.)	Washington Office:	_____
Jean Neal (Legislative Asst.)	Washington Home:	_____
Rita Hayes (District Office Rep.)	Rock Hill Office:	_____
	Rock Hill Home:	_____
6. Rep. Alex McMillan	Washington Office:	_____
	Charlotte Home:	_____
Larry Bowles (Legislative Asst.)	Washington Home:	_____
Chris Keisler (District Office Rep.)	Charlotte Office:	_____
	Charlotte Home:	_____
7. Senator John East	Washington Office:	_____
Palmer Stacey (Legislative Asst.)	Washington Home:	_____
Kathy Davis (District Office Rep.)	Raleigh Office:	_____
	Raleigh Home:	_____
8. Senator Jesse Helms	Washington Office:	_____
Clint Fuller (Legislative Asst.)	Washington Home:	_____
Frances Jones (District Office Rep.)	Raleigh Office:	_____
	Raleigh Home:	_____
9. Rep. Bill Cobey	Washington Office:	_____
Jan Fujiwaka (Legislative Asst.)	Washington Home:	_____
Barbara Willis (District Office Rep.)	Chapel Hill Office:	_____
	Chapel Hill Home:	_____

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
10. Rep. Howard Coble	Washington Office:	_____
Donna Alexander (Legislative Asst.)	Washington Home:	_____
Ken Thompson (District Office Rep.)	Greensboro Office:	_____
	Greensboro Home:	_____
11. Rep. James T. Broyhill	Washington Office:	_____
	Washington Home:	_____
	Lenoir Home:	_____
Susan Asmus (Legislative Asst.)	Washington Home:	_____
Sharon McCrary (District Office Rep.)	Lenoir Office:	_____
	Lenoir Home:	_____
12. Rep. Bill Hendon	Washington Office:	_____
David Craft (Legislative Asst.)	Washington Home:	_____
C. W. Hardin (District Office Rep.)	Asheville Office:	_____
	Asheville Home:	_____
13. Rep. W. G. Hefner	Washington Office:	_____
Bill McEwen (Legislative Asst.)	Washington Home:	_____
Virginia Jochems (District Office Rep.)	Concord Office:	_____
	Concord Home:	_____
14. Rep. Stephen L. Neal	Washington Office:	_____
Jackie Brincefield (Legislative Asst.)	Washington Home:	_____
J. W. Phillips (District Office Rep.)	Winston-Salem Office:	_____
	Winston-Salem Home:	_____

FGL Call List (cont'd)

	<u>Phone Numbers</u>	<u>Time Called</u>
15. Rep. Tim Valentine	Washington Office:	_____
Ted L. Daniel	Washington Home:	_____
(Legislative Asst.)		_____
A. B. Swindell, IV	Rocky Mount Office:	_____
(District Office Rep.)	Rocky Mount Home:	_____

P. Media Registration Coordinator (MRC)

MEDIA REGISTRATION
COORDINATOR

Office
Telephone

Home
Telephone

Shift 1 - MIKE BUMGARDNER
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 - BECKY MCGINNIS
(Section Head)
ROBIN LOWE
MARK McSWAIN
JONATHAN SMYLLIE

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 located at the Keowee-Toxaway Visitor Center 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 - PAT OSBURN
(Section Head)
STEVE FRYE (SRO)

MIKE PRESNELL
LOU DUNCAN

JOHN WYLIE

LES STALLINGS

JESSE SWORDS
SUSIE ADAMS
MARGO FESPERMAN

Shift 2 - RICHARD WILSON
(Section Head)
JOHN WOLFMEYER (SRO)

HARVEY DEAL
JIM HALE
CARL LEONARD
TIM BOWEN
AMY HOPE

MIKE SMITH
TOMMY SMITH

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 - ALEX COFFIN

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 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 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 - JREG DAUGHTRY
TONY BARNES

RALPH BRADSHAW, JR.

Shift 2 - KEN BUMGARNER
MICKIE STEVENS

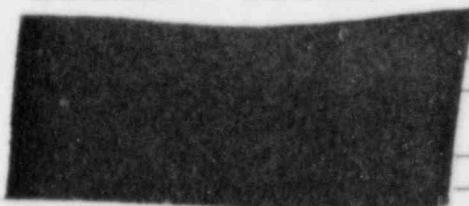
HUGH DEADWYLER

The AVC will assign one of the support members to work with the R/TVM, if needed.

Audiovisual Coordinator (AVC)

Primary Responsibilities (cont'd)

2. Call one of the following shifts and ask that they report to the Keowee-Toxaway Visitor Center, auditorium equipment room 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 - TED MATTHEWS FRAN RICHARDSON			
Shift 2 - CAROL BARRETT SHUFORD ABERNETHY			

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.

T. Secretarial Team - General Office

SECRETARIAL TEAM
GENERAL OFFICE

Office
Telephone

Home
Telephone

Shift 1 - BARBARA BROWN
(Section Head)
PAT WEAVER
ANNETTE ISENHOUR

Shift 2 - ELIZABETH MCMURRAY
(Section Head)
SHEILA ZINK
LOUISE JENKINS

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 50-51.
3. Type and distribute CONTACT as deemed appropriate by the IIC.

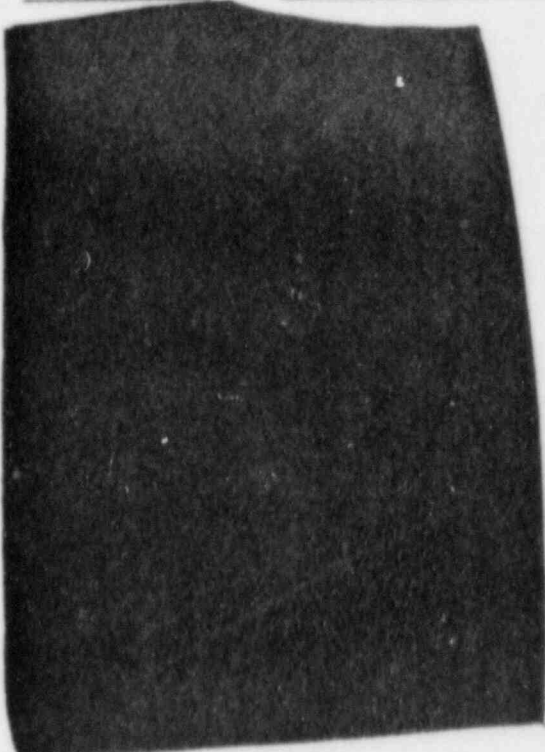
HAND DELIVER (news releases and news conference transcripts)

- 1) CNC personnel
- 2) Executive Staff:
 - Ken Clark.....
 - W. S. Lee.....
 - W. H. Grigg.....
 - A. C. Thies.....
 - D. W. Booth.....
 - H. L. Cranford.....
 - D. H. Denton.....
 - W. H. Owen.....
 - Jim Bavis.....
 - J. D. Hicks.....
 - S. C. Griffith.....

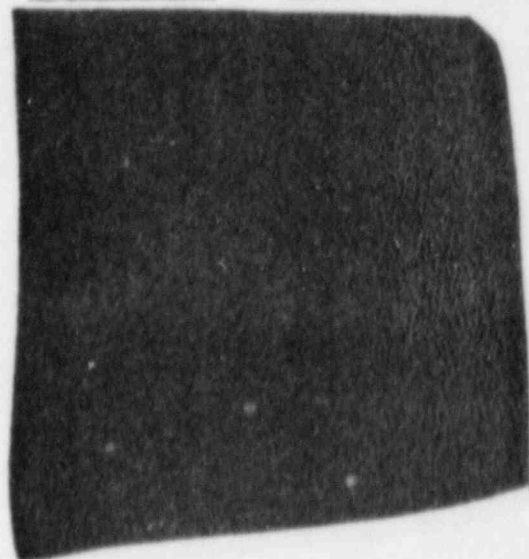
Secretarial Team - General Office

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		
<u>AIF</u>	Scott Peters or Paul Turner		
<u>NSAC</u>	Ray Schuster or Dan Van Atta		
<u>EEI</u>	Gloria Dittus		

TELECOPY (news releases)

<u>COMPANY NAME</u>	<u>ATTENTION OF</u>	<u>TELECOPY NO.</u>	<u>VERIFICATION NO.</u>
<u>ANS</u>	Darlene Schmitt or V. Gay Easley		
<u>VRG</u>	Ken Clark		
<u>Babcock & Wilcox</u>	Richard Gentile or Ron Hite		
<u>SC State Gov. Office</u>	Paul Lunsford		

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>		[REDACTED] (Columbia)
<u>AP</u>		[REDACTED] (Raleigh) (Not staffed 12:30 AM - 6:00 PM, Sundays only)
<u>UPI</u>		[REDACTED] (Columbia)
<u>UPI</u>		[REDACTED] (Raleigh) 1:00 AM - 5:00 AM, week)

U. Media Notification Team

MEDIA NOTIFICATION TEAM

Office
Telephone

Home
Telephone


Shift 1 - JOYCE BEYER
(Section Head)
WILMA KINARD
PEGGY HENDERSON
JUDY PORTER
NANCY PLYLER

Shift 2 - FRAHER BROWN
(Section Head)
BETH ANTHONY
MARIE HINSON
MARCIA HALSEY
NACMI LINDER

Basic Function

1. Assists the GOND.
2. Makes media calls as directed by the Section Head from media call list, p. 53-62.
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

	Time Called		Time Called
<p>1.</p> <p>WYFF-TV Greenville, SC 29602 Mary McCarthy, News Director</p> <p>Alternate numbers: Mary McCarthy . . . (H) David Graves . . . (H)</p>		<p>2.</p> <p>*SNW-WBFM Seneca, SC Wayne Gallimore, Mgr</p> <p>Alternate numbers: Wayne Gallimore . . . (H) Herb Hosea . . . (H)</p>	
<p>3.</p> <p>WGOC West Union, SC 29696 George Allgood, Program Dir Jerry Dyar</p> <p>Alternate numbers: George Allgood . . . (H) Jerry Dyar . . . (H)</p>		<p>4.</p> <p>*SPA-TV Spartanburg, SC 29104 Kevin Kelly, News Director</p> <p>Alternate numbers: Hot Line to News Room. Jim Walrod, Asst. News Director . . . (H)</p>	
<p>5. 10, 1985</p> <p>CHARLOTTE OBSERVER (AM) CHARLOTTE NEWS (PM) (Oppel's office)  (Estridge's office) Charlotte, NC 28201 Rick Oppel, Editor</p> <p>Alternate numbers: Rick Oppel . . . (H) Mark Estridge . . . (H)</p>		<p>6.</p> <p>WRDQ Charlotte, NC 28216 Brad Shulz and Carl Ross, News Directors</p> <p>Alternate numbers: News Room (Manned 24 hrs/day)</p>	

" = AM
" = PM

Media Call List 1 (cont'd)

	<u>Time Called</u>	<u>Time Called</u>
7.		8. PM
WECO/WPEG 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)
9. PM		10. PM
SALISBURY POST (PM) 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)
11. *		12. *
WINSTON-SALEM JOURNAL (AM) Winston-Salem, NC 27102 Joe Goodman, Managing Editor		NEWS & OBSERVER (AM) Raleigh, NC 27602 Claude Sitton, Editor
Alternate numbers: Joe Goodman (H) Sylvia Lane H		Alternate numbers: Claude Sitton (H) Bob Brooks H

* = AM
~~PM~~ = PM

Media Call List 2

	<u>Time Called</u>		<u>Time Called</u>
1. *		2.	
ANDERSON INDEPENDENT MAIL (AM) Anderson, SC 29621 Dick Gorrell, Vice Pres. & Editor Jim Calfee, Managing Editor		WAXA-TV Anderson, SC 29622 Steve Clark, Production Mgr	
Alternate numbers: Dick Gorrell (H)		Alternate numbers: Steve Clark (H)	
3. **		4. *	
WBTV 704/374-3500 Charlotte, NC 28208 Ron Miller, News Director		WSOC Charlotte, NC 28201 Jacob Lewin, News Director	
Alternate numbers: Keith Young (H) Graham Wilson (H) Brian Thompson (H)		Alternate numbers: Jacob Lewin (H) Scott Griffin (H)	
5. **		6. **	
ROCK HILL EVENING HERALD PM Rock Hill, SC 29730 Russel H. Rein, Exec. Ed		DAILY INDEPENDENT PM Kannapolis, NC 28081 Don Smith, Managing Ed	
Alternate numbers: Russel Rein (H) Jeff Cowart (City Editor) (H)		Alternate number: Don Smith (H)	

* = AM
** = PM

Media Call List 2 (cont'd)

	<u>Time Called</u>	<u>Time Called</u>
7. ** DAILY RECORD (PM) Hickory, NC 28601 Bill Kincaid, Editor Alternate numbers: Bill Kincaid (H) Troy Houser. . . . (H)		8. ** LEXINGTON DISPATCH (PM) Lexington, NC 27292 Ralph Simpson, Editor Alternate number: Ralph Simpson (H)
9. WSJS/WTQR Winston-Salem, NC 27102 Bob Costner, Assistant News Director Alternate numbers: Control Room (Manned at all times).		10. *,** GREENSBORO DAILY NEWS (AM) GREENSBORO RECORD (PM) Greensboro, NC 27420 Ben Bowers, Exec. Ed. Alternate number: City Desk (Manned at all times).
11. WTVD-TV Durham, NC 27702 Ned Warwick, News Director Alternate numbers: News Room after 5:30 PM News Room after 6:30 PM Control Room - all hours Guard Station- all hours		12. ** 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. **
GREENVILLE NEWS (AM) Greenville, SC 29602 Marion Elliott, City Ed. Tom Hutchinson, Managing Ed. Alternate numbers: Marion Elliott . . . (H) Tom Hutchinson . . . (H)		GREENVILLE PIEDMONT (PM) Greenville, SC 29602 Dale Gibson, Managing Ed. Alternate number: Dale Gibson (H)
3. ***		4.
GREENWOOD INDEX JOURNAL (PM) Greenwood, SC 29646 William Collins, Editor and General Manager John Watson, Managing Ed. Alternate number: John Watson. (H)		WIS-TV Columbia, SC 29201 Scott Parks, News Dir. Alternate numbers: Scott Parks. (H) Lonnie Wehunt. (H)
5. ****		6.
ENQUIRER-JOURNAL (PM) Durham, NC 28110 Sid Hart, Editor Alternate number: Sid Hart (H)		WISL Cherryville, NC 28021 Calvin Hastings, Gen. & Sales Mgr. 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)		WBIG	
Statesville, NC 28677		Greensboro, NC 27420	
Jerry Josey, Editor		Don Bowen, News Director	
Alternate numbers:		Alternate numbers:	
Jerry Josey. (H)		News Room (Manned all hours except	
Neil Furr. (H)		12 Midnight - 5 AM Sundays)	
Darrell Hathcock . . . (H)		Don Bowen. (H)	
<hr/>			
9.		10. *	
WPMY-TV		DURHAM MORNING HERALD (AM)	
Greensboro, NC 27420		Durham, NC 27702	
Ken Smith, Managing Ed.		Dick Jones, City Ed.	
Alternate numbers:		Alternate number:	
6:30 AM - 11:30 PM & Weekends		Dick Jones (H)	
News Room.			
Ken Smith.			
Mike Majors.			
<hr/>			
11. **			
DURHAM SUN (PM)			
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 Anderson, SC 29622 Tom Long, News Dir.	SPARTANBURG HERALD-JOURNAL (AM, PM) Spartanburg, SC 29304 Rudy Rivers, Exec. Ed. Leslie Timms, Managing Ed.
Alternate number: Tom Long (H)	Alternate number: Rudy Rivers. (H)
3. *,**	4.
STATE (AM) RECORD (PM) Columbia, SC 29202 Thomas N. McLean, Ex. News Ed.	WPCC-TV Charlotte, NC 28205 Tonia Black, Assign. News Ed.
Alternate numbers: Charlie Byers (H) Harry Logan (H) Robert Hitt (H)	Alternate numbers: Tonia Black. (H)
5.	6.
*LON Lincolnton, NC 28092 Larry Seagle, News Director Jack Brown, Manager	MOORESVILLE TRIBUNE Mooresville, 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 Davidson, NC 28036 Nancy Ashburn, Ed. and Adv Director		OBSERVER-NEWS-ENTERPRISE Newton, NC 28658 Sylvia Ray, Managing Ed.	
Alternate number: Nancy Ashburn . . . (H)		Alternate number: Sylvia Ray (H)	
9. **		10.	
DAILY STAR (PM) Shelby, NC 28150 Ted Hall, Editor		WPTF Raleigh, NC 27602 Dave Bolick, News Director	
Alternate number: Ted Hall (H)		Alternate number: Dave Bolick (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.	
WLOS-TV Greenville, SC 29602 Carol Gable, News Director		WSPA Spartanburg, SC 29304 Greg McKinney, News Dir.	
Alternate numbers: Carol Gable. (H) For Asheville.		Alternate numbers: News Room. Greg McKinney. (H)	
3.		4.	
WBT-AM Charlotte, NC 28208 Scott White, News Director		WSOC-TV Charlotte, NC 28201 Dick Moore, News Director	
Alternate numbers: Scott White. (H)		Alternate numbers: Dick Moore. (H) Wayne Houseman. (H)	
5.		6.	
CONCORD TRIBUNE Concord, NC 28025 John Kennedy, Editor Celle Benton, Managing Editor		WCAS Gastonia, NC 28052 Glenn Mace, President	
Alternate numbers: John Kennedy. (H) Celle Benton. (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. **		8.	
NEWS TOPIC (PM)		WXII-TV	
Lenoir, NC 28645		Winston-Salem, NC 27106	
Steve Sumlin, Editor		Dave Emery, News Dir.	
Alternate number:		Alternate number:	
Steve Sumlin (H)		Dave Emery (H)	
9.		10.	
WGHP-TV		MESSENGER	
High Point, NC 27261		Madison, NC 27025	
Gary Curtis, News Dir.		Dwight Sparks, Ed. and Publ	
Alternate numbers:		Alternate number:	
Gary Curtis (H)		Dwight Sparks (H)	
David Roberts (H)			
11.		12.	
WRTE-TV		THE REGISTER	
After 5 PM		Denver, NC 28037	
Raleigh, NC 27602		Terry Bray, Editor	
Roy Carden, News Director			
Alternate number:		Alternate numbers:	
Roy Carden (H)		Terry Bray (H)	
		Ty Buckner (H)	

* = AM
** = PM

X. Investor Communications Coordinator (IvCC)

<u>INVESTOR COMMUNICATIONS COORDINATOR</u>	<u>Office Telephone</u>	<u>Home Telephone</u>
Shift 1 - STICK WILLIAMS		
Shift 2 - MALCOLM NIVEN		

Basic Function

This individual will be responsible for maintaining effective communication with those members of the financial community who call for additional information, and those members of the financial community whom the IvCC deems it essential to call.

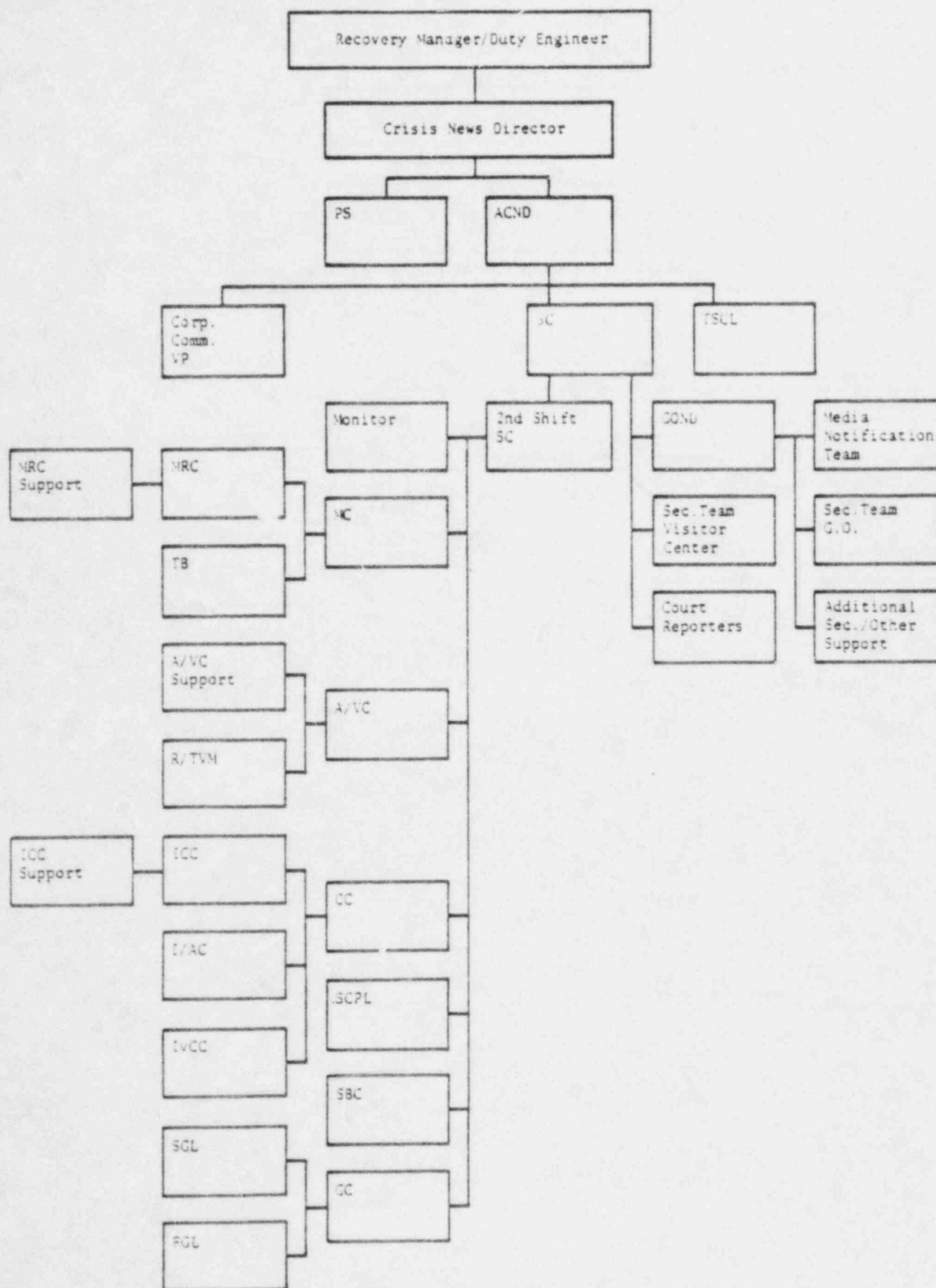
IvCC maintains investors' confidence at all times and is also responsible for disseminating data on the emergency for use in the investor relations department.

Primary Responsibilities

1. Upon notification by the CC that the CNC is to be activated, proceed to the Keowee-Toxaway Visitor Center.
2. Report to the Communications Coordinator. The IvCC will monitor crisis developments, make update reports to the financial community as needed and answer any calls directed to him from the financial and general media and members of the financial community who call for additional information.
3. Disseminate information on the emergency for use in the investor relations department.
4. 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. 77, the primary CNC for Oconee Nuclear Station is the Keowee-Toxaway Visitor Center. Access to the facility is as shown in Figure 4, p. 76.

The CND, PS, and Monitor will take up positions in the Recovery Manager's office as shown in Figure 9, p. 81.

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.

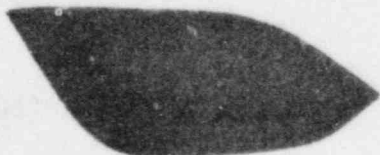
The State Law Enforcement Division (SLED) of South Carolina will be involved in limiting access into the general Oconee area to those people who are directly involved in the station emergency. In order to assist you in passing through roadblocks, please place the large yellow card on your car dash and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



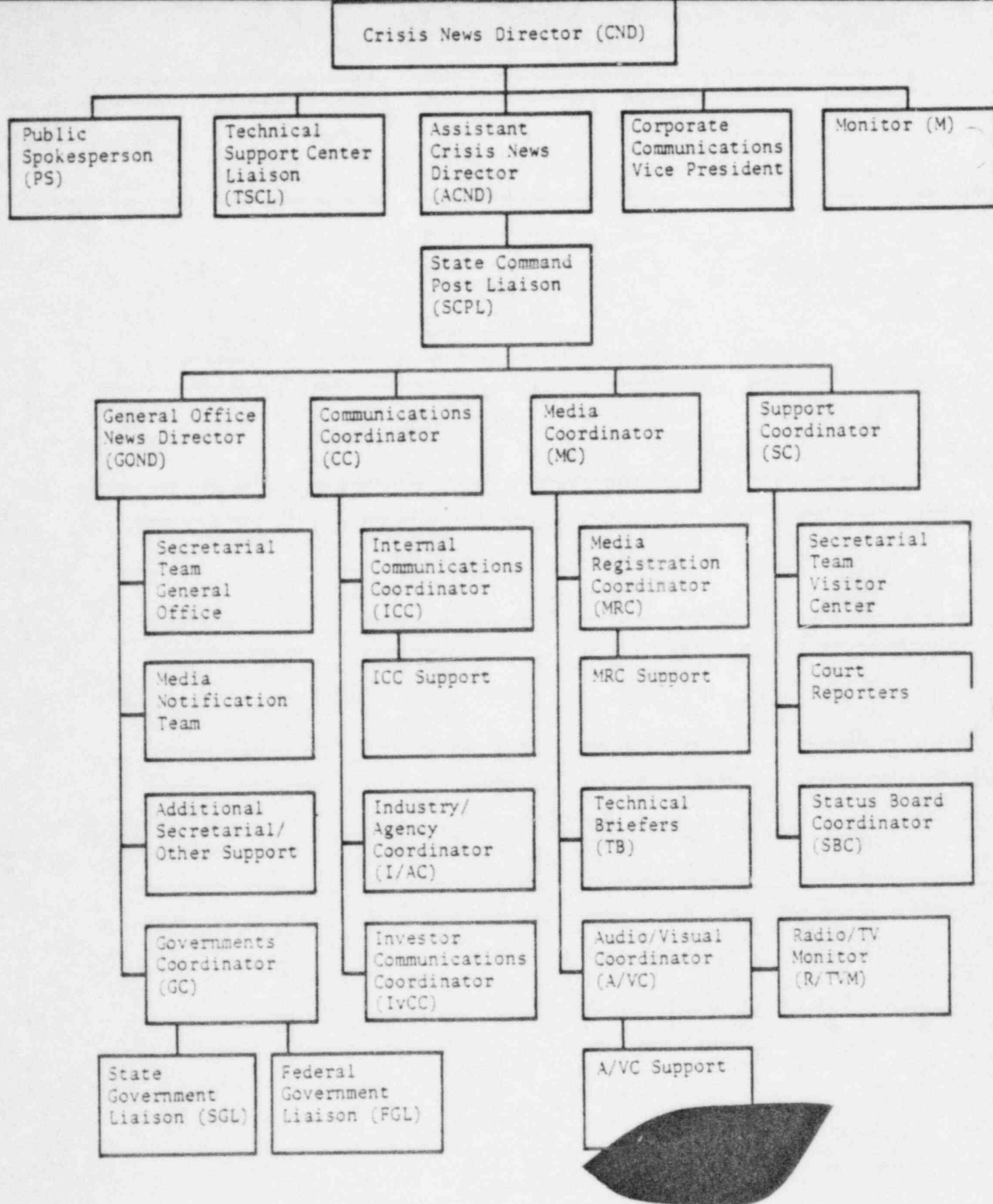


Figure 1

Figure 1 (cont'd)

NAME/TITLE

Crisis News Director

Shift 1 - Mary Cartwright
Shift 2 - Mary Boyd

Assistant Crisis News Director

Shift 1 - Andy Thompson
Shift 2 - Joe Maher

Vice President, Corporate Communications

J. Kenneth Clark

Public Spokesperson

Shift 1 - H. B. Tucker
Shift 2 - J. W. Hampton or Tony McConnell

Monitor

Shift 1 - Don Blackmon
Shift 2 - Ferman Wardell

Communications Coordinator

Shift 1 - Sondra Wise
Shift 2 - Larry Davison

Media Coordinator

Shift 1 - Rick Bonsall
Shift 2 - Mike Dembeck

Support Coordinator

Shift 1 - Diane Savage
Shift 2 - Sara Lee Epperson

State Command Post Liaison

Shift 1 - Chris Rolfe
Shift 2 - Don Hatley

Figure 1 (cont'd)

General Office News Director

Shift 1 - Phil Carter
Shift 2 - Cecily Newton

Internal Communications Coordinator

Shift 1 - Bill Fox
Shift 2 - Bill Yoder

Internal Communications Coordinator Support

Shift 1 - Beth Parsons
Shift 2 - Kathy Bryant

Industry/Agency Coordinator

Shift 1 - Dock Kornegay
Shift 2 - John McAlister

Governments Coordinator

Shift 1 - Rick Deese
Shift 2 - Elizabeth Marsala

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 - Mike Bumgardner
Shift 2 - Cathy Roche

Media Registration Coordinator Support

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

Shift 2 - Becky McGinnis - Section Head
Robin Lowe
Mark McSwain
Jonathan Smylie

Figure 1 (cont'd)

Technical Briefers

Shift 1 - Pat Osburn - Section Head
Steve Frye (SRO)
Mike Presnell
Lou Duncan
John Wylie
Les Stallings
Jesse Swords
Susie Adams
Margo Fesperman

Shift 2 - Richard Wilson - Section Head
John Wolfmeyer (SRO)
Harvey Deal
Jim Hale
Carl Leonard
Tim Bowen
Amy Hope
Mike Smith
Tommy Smith

Audiovisual Coordinator

Shift 1 - Pat Payne
Shift 2 - Alex Coffin

Audiovisual Coordinator Support

Shift 1 - Greg Daughtry
Tony Barnes
Ralph Bradshaw, Jr.

Shift 2 - Ken Bumgarner
Mickie Stevens
Hugh Deadwyler

Secretarial Team - Visitor Center

Shift 1 - Beth Masurat - Section Head
Carolyn Layman
Barbara Barker

Shift 2 - Allison Plyler - Section Head
Pearl McBride
Priscilla Ledbetter

Figure 1 (cont'd)

Secretarial Team - G.O.

Shift 1 - Barbara Brown - Section Head
Pat Weaver
Annette Isenhour

Shift 2 - Elizabeth McMurray - Section Head
Sheila Zink
Louise Jenkins

Media Notification Team

Shift 1 - Joyce Beyer - Section Head
Wilma Kinard
Peggy Henderson
Judy Porter
Nancy Plyler

Shift 2 - Fraher Brown - Section Head
Beth Anthony
Marie Hinson
Marcia Halsey
Naomi Linder

Status Board Coordinator

Shift 1 - Shannon Smith
Shift 2 - Ann Blinn

Radio & Television Monitor

Shift 1 - Ted Matthews
Fran Richardson

Shift 2 - Carol Barrett
Shuford Abernethy

Investor Communications Coordinator

Shift 1 - Stick Williams
Shift 2 - Malcolm Niven

Technical Support Center Liaison

Shift 1 - Dan Marett
Shift 2 - Andy Thompson

CRISIS MANAGEMENT
IMPLEMENTING PLAN CMIP-4
ADMINISTRATION AND LOGISTICS PLAN

Rev. 11

May 15, 1985

TABLE OF CONTENTS

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

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

Rev. 11
May 15, 1985

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

Rev. 11
May 15, 1985

APPENDIX A-2
PAGE 1

Crisis Management Center (CMC)
Emergency Activation Message

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

Your Name _____ Time Contacted _____ am/pm
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 System Emergency Planner.

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 P10)
(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 Center.

B.8 OFFICE SUPPLY COMPANIES - LOCAL

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

B.9 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: and Catawba	Tom Somers (Construction Department) Work Phone Home Phone
McGuire:	Jim Reynolds Work Phone Home Phone
Oconee:	Coleman Jennings Work Phone Home Phone



B.12 NEWSLETTER

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

B.13 TELEPHONE CALL-UP LIST

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

The method of notification using this list is as follows:

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

B.14 INVENTORY OF SUPPLIES

Within two weeks after the completion of a drill, or 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.15.a Expenses
- B.15.b Requisitions
- B.15.c Correspondence - Incoming and Outgoing
- B.15.d Minutes of Meetings
- B.15.e Record of Audits Completed
- B.15.f Logs of 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

	HOME PHONE	WORK PHONE	SUPERVISOR	DEPARTMENT	LOCATION	TYPING	SHORTHD	DICTAPH	SWITCHBOARD
<u>O'cone</u>									
Danny Powell			D.L. Freeze	SSD	O'cone	Has secretaries and clerks available			
Sheila Smith			Jay Norris	SSD	O'cone	X			
Richard Bugert			Steve Frye	Trng Center	O'cone				
Sharon R Crooks			Richard Bugert	Trng Center	O'cone	X		X	X
Janice Few			Ted Roach	SSD					
<u>McGuire or Catawba</u>									
Kathy Klein			Rob Penninger	Fossil	Wachovia	45 wpm		*Document Control	
Virginia Blakely			Gary Murdock	Fossil	Wachovia	65 wpm		X *Word Processing	
Kathy Simmons			I.W. Pearce	DE	EC	63 wpm	100 wpm	X	
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. Lemmond	Info. Sys.	PB	*Copy Machine, Telecopier, Supplies, Office Equip.			
Kay Hansen			C.L. Sansbury	DE	EC	X X		X	
Maudice Livingston			E.B. Scarborough	Trng. Ctr.	McGuire	Has secretaries and clerks available			
Earl Lapp			Richard Price	WC		Office supplies, mail, copies			

APPENDIX B-2

ESSENTIAL OFFICE SUPPLIES

Maintained in G.O. Recovery Manager's 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 Ruled Pads
6 Ea. Pencils
1 Ea. Pencil Sharpener
1 Ea. Staple Remover
4 Ea. Ash Trays

Maintained in Admin. and Log. Supply Cabinet at Oconee Training Center

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 Ruled Pads
12 Ea. Pencils
1 Ea. Pencil Sharpener
2 Ea. Staple Remover
12 Ea. Ash Trays

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. Bill Watson
Catawba
[REDACTED]
2. Louise Watson
General Office Personnel
[REDACTED]
3. Maudice Livingston
McGuire Training Center
[REDACTED]
4. Roger Nichols
Oconee Nuclear Station
[REDACTED]

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 Matthew Jackson [REDACTED] Toddville Warehouse
or Ned Chavers [REDACTED] Power Building

After hours call watchman first [REDACTED] 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 need. 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 4511
2. Bob Hollis - Mill Power, extension [REDACTED] (1 - Polaroid)

APPENDIX B-3
PAGE 3

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

1. Margaret Hunt - Mill Power, extension [REDACTED] (1)
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] (2 or 3)

TELECOPIERS (PORTABLE)

- 1 - NRC
- 1 - Data Coordinator

1. Purchasing Supply Closet
2. Legal and Finance - maintained in CMC 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

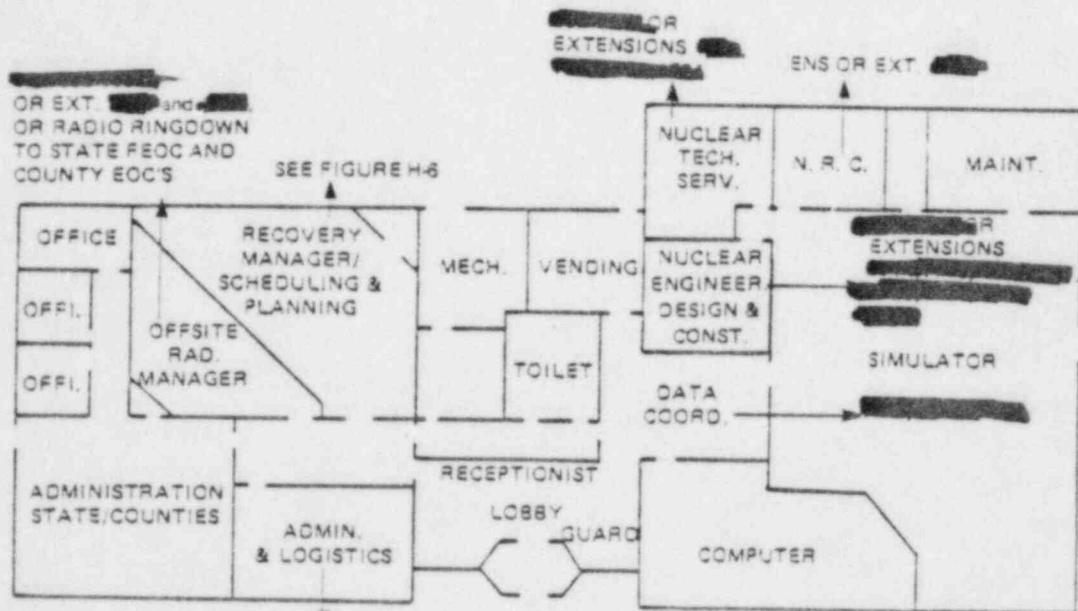
- 1 - P.I.O.'s
 - 3 - Court Recorders
- (Note: 2 typewriters are maintained for their Accommodations group)

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

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES
OCONEE NUCLEAR STATION

Appendix B-6

NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER
COMMUNICATIONS LAYOUT



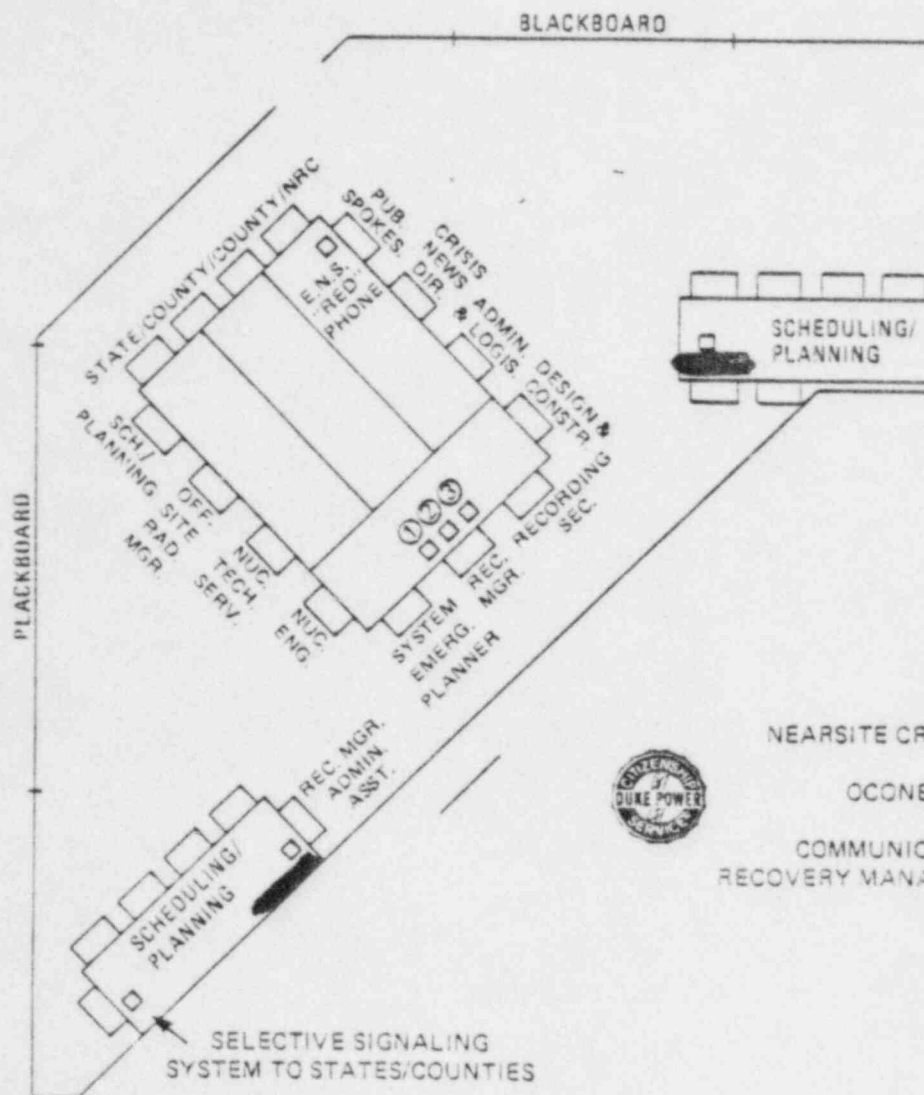
NOTE: EXTENSIONS ARE OFF OF

(AREA CODE IS 803)

DUKE POWER COMPANY
EMERGENCY RESPONSE FACILITIES

OCONEE NUCLEAR STATION

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



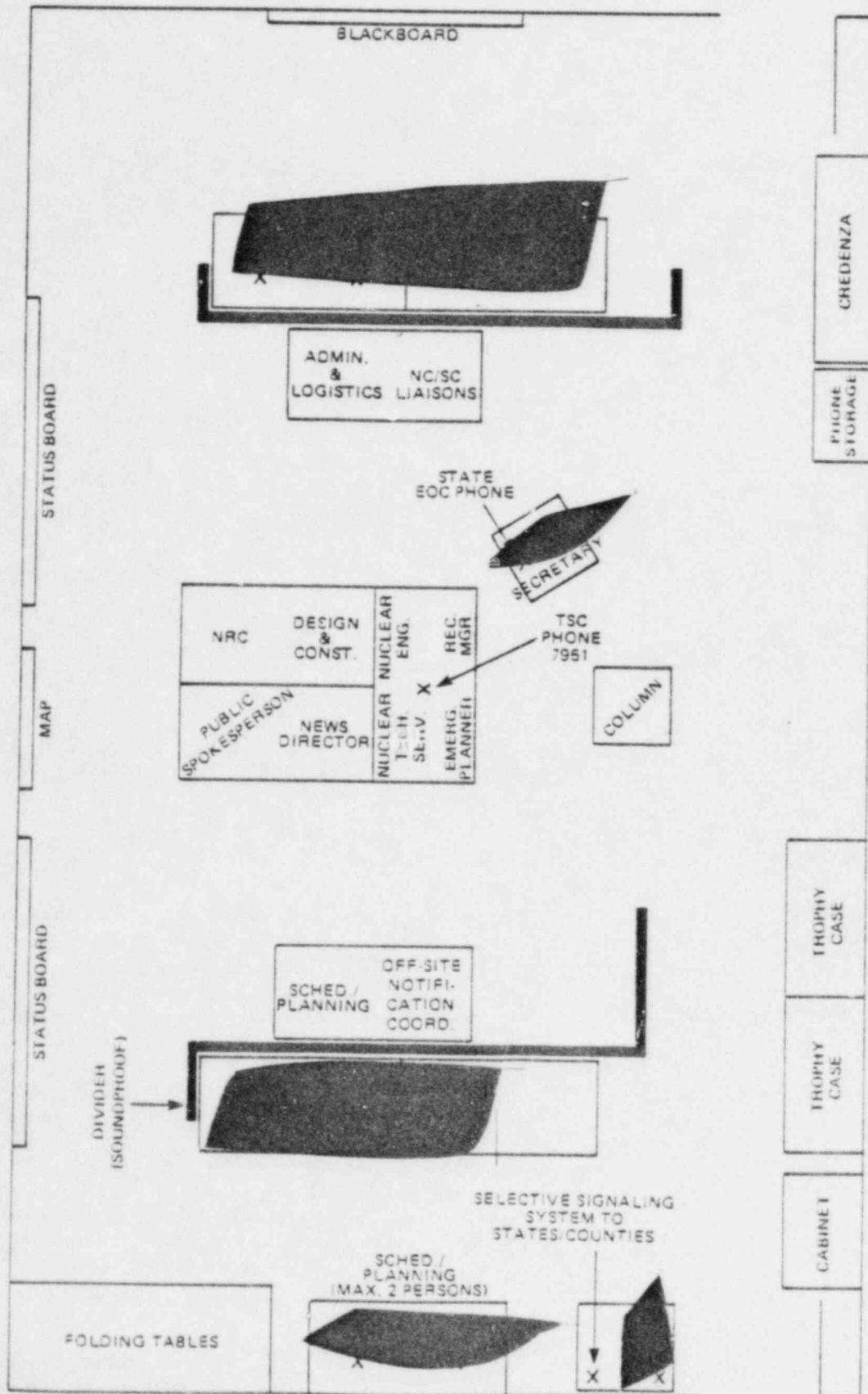
Appendix B-6
NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER
COMMUNICATIONS & ROOM LAYOUT
RECOVERY MANAGER/SCHEDULING & PLANNING



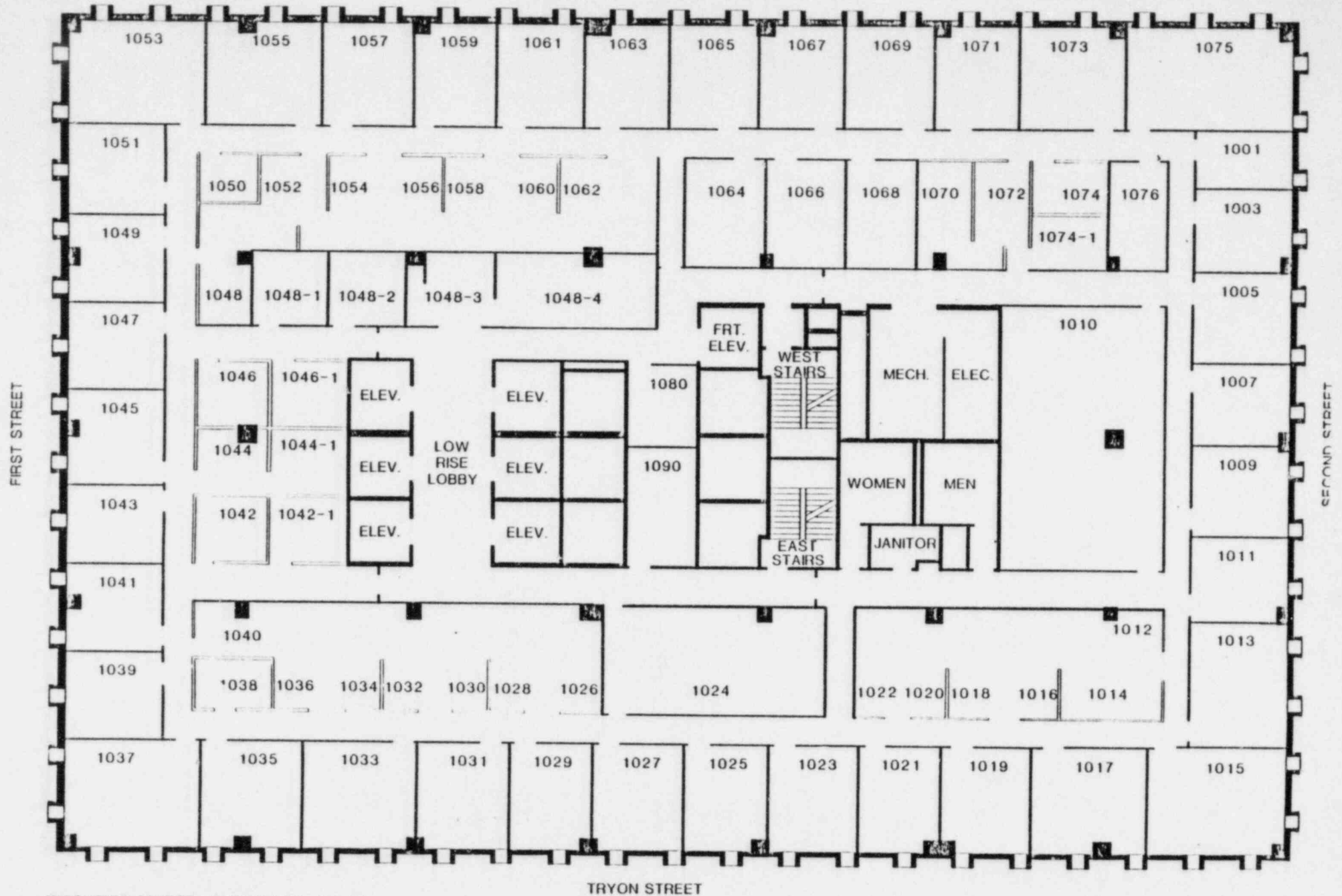
DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

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

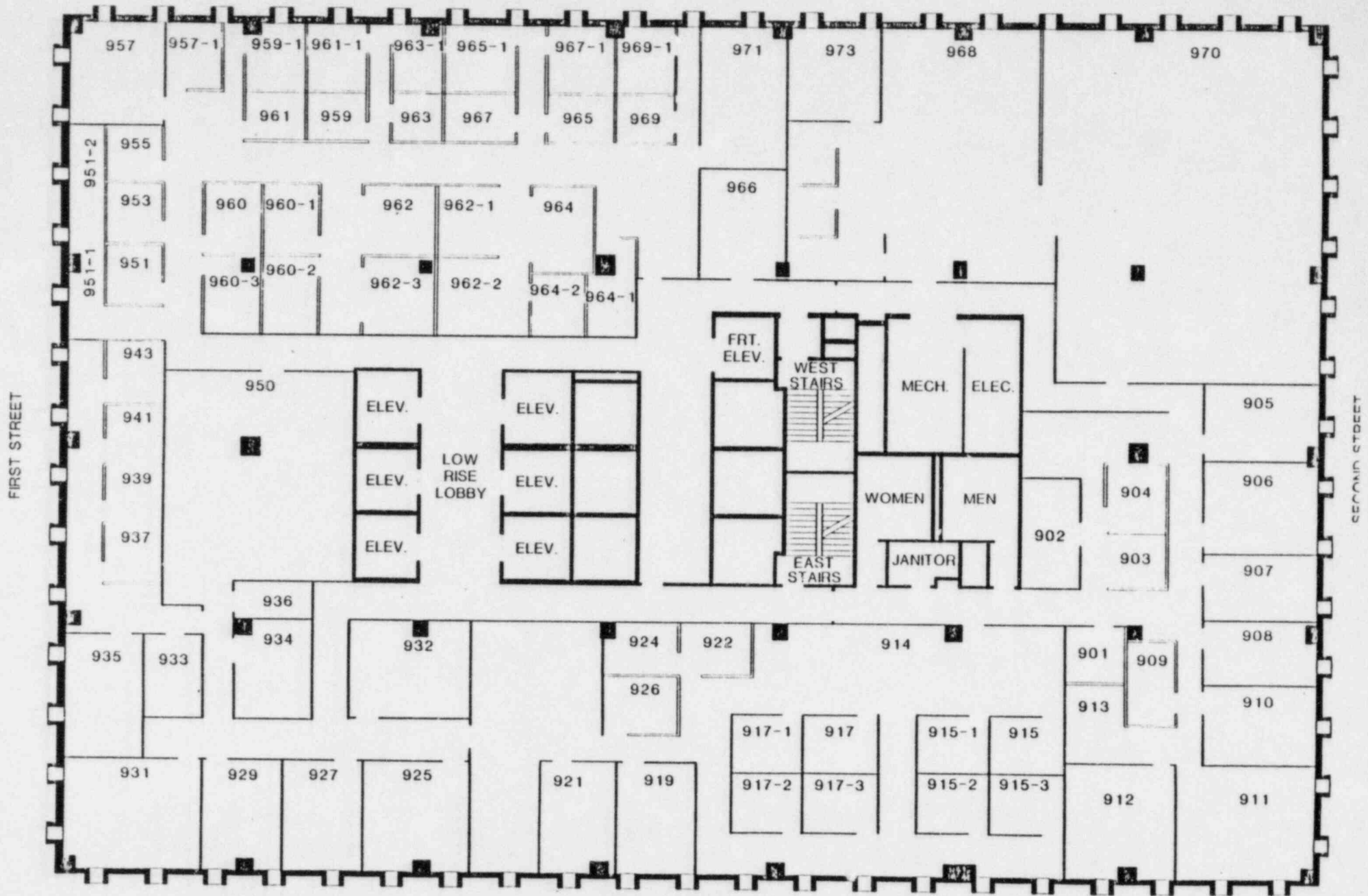
Appendix B-6



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



Appendix B-6
CHURCH MEET



WACHOVIA CENTER 9TH FLOOR 4-1-81

TRYON STREET

B-24

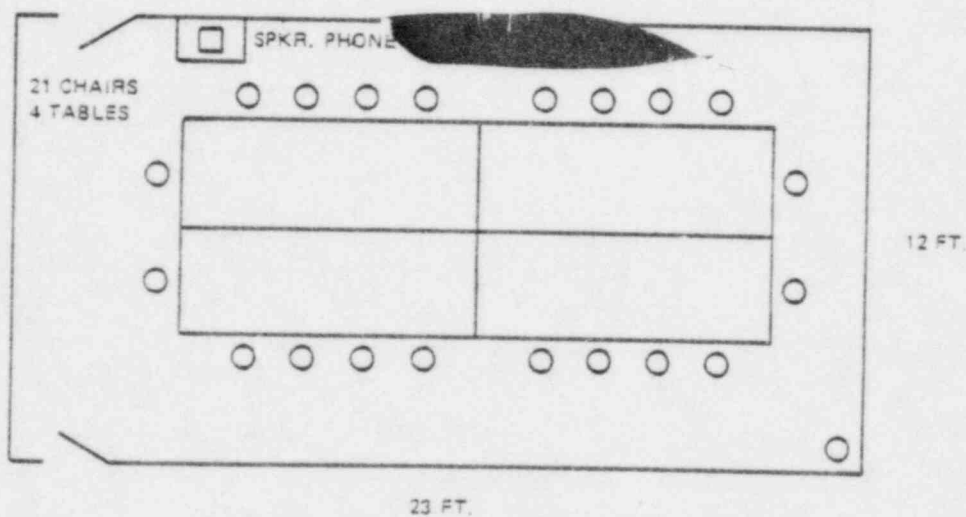
Revision 11
May 15, 1985

DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

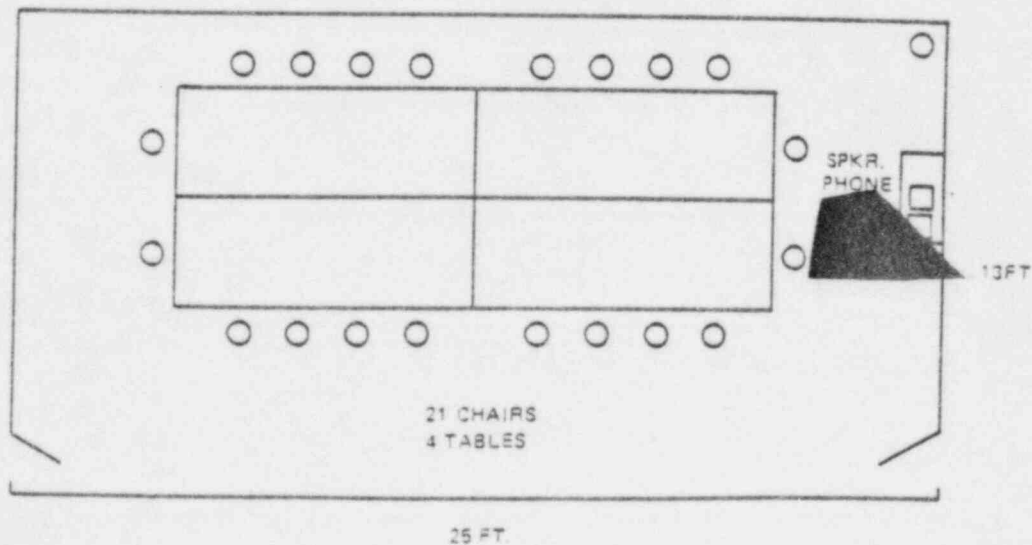
Appendix B-6

McGUIRE/CATAWBA CMC

NUCLEAR ENGINEERING OFFICE
WACHOVIA CENTER, ROOM 1704

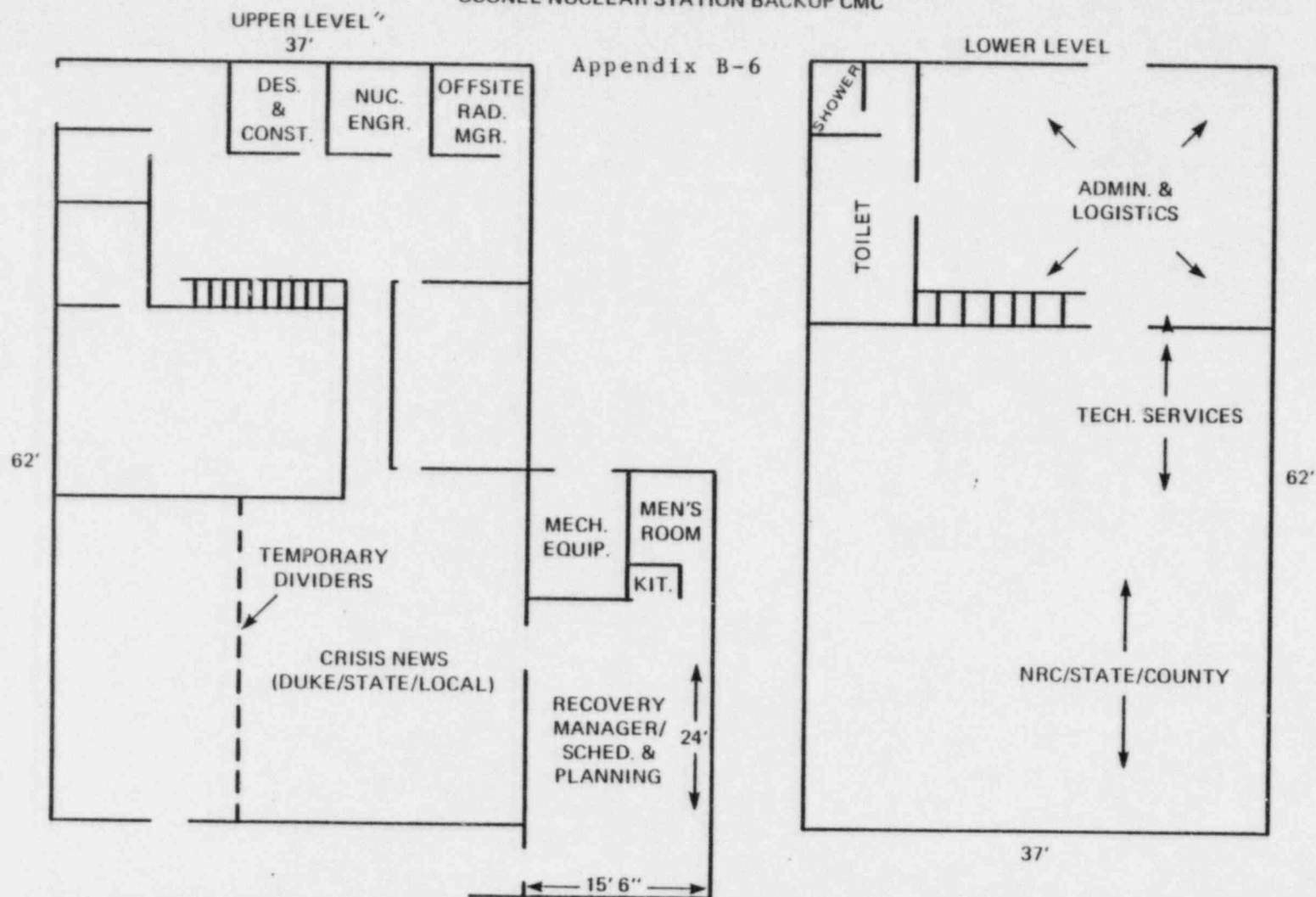


NUCLEAR TECHNICAL SERVICES SUPPORT
WACHOVIA CENTER, ROOM 2390



LIBERTY RETAIL OFFICE
LAYOUT

DUKE POWER COMPANY CRISIS MANAGEMENT PLAN
OCONEE NUCLEAR STATION BACKUP CMC



APPENDIX B-7
PAGE 1

<u>NAME</u>	<u>HOME NUMBER</u>	<u>ALTERNATE NO.</u>	<u>WORK NUMBER</u>	<u>EXT.</u>	<u>ALT. EXT.</u>
G. ACKER					
D. ADKINS (NP)					
N. ALEXANDER (QA)					
G. ALLEN (CS)					
B. ALLRED (CT)					
L. APPLGATE					
P. BAKER (PUR)					
R. BEARD (GO)					
R. BUGERT (OTC)					
N. CHAVERS (CMM)					
D. COFER (GO)					
G. COX (NP)					
R. CROSS (NP)					
L. CROUSE (SSD-S)					
D. DOBBINS (SSD-N)					
T. FARMER (OTC)					
E. FAULKNER(SSD-N)					
S. FRIDAY (PUR)					
A. FURR (PUR)					
B. HARBIN (CT)					
HARDY					
HART (SMS)					
L. HINDMAN (OTC)					
D. HOUSE (C INS)					
T. HUNT (PC)					
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)					
J. MILLER (PUR)					
E. MORTON (PUR)					
D. MOSS (TELE)					
J. PARKER (CT)					
G. PATTERSON (PUR)					
D. PHILLIPS (NP)					
R. PRICE (PUR)					
B. RANDLETT (NP)					
N. REID (GO)					
A. RITTER (DE)					
ROWELL (SSD-S)					
SELLERS (GO)					

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>
K. SHANNON (NP)					
K. SMITH					
R. SMITH (PUR)					
S. SMITH (GO)					
B. TAYLOR (SSD-N)					
E. TAYLOR (GEN SVC)					
C. TOMPKINS (SSD-S)					
B. TURNER (SSD-S)					
B. WALKER (GS)					
B. WATSON (CT)					
G. WILSON (ALLEN)					

Indicates long distance from Charlotte

APPENDIX B-7
PAGE 3

Telephone Call-Up List

Bob Smith

Steve Kessler

Ray Johnson

Dan Moss

Ed Morton

Neil Alexander

Security

Randy Cross

Keith Shannon
Bill Randlett
Spike Cofer

Guy Cox
Dave Adkins
J. B. Sellers

Administration

Sharon Friday

Alta Furr

Libby Applegate
Richard Bugert (O)
George Acker (Lib)

Larry Hindman
Travis Farmer

Communications

Joe Hardy
GO
or
Craig Tompkins
Ocone

Eugenia Taylor
Karen Smith

J. Rowell

Commissary

Eddie Faulkner

Ned Chavers
Ken Jones
Kathy Lanier

Secretarial Support

Pam Baker

Accommodations

Grady Allen

Ben Taylor
Jane Hart

Bill Watson

Insurance

Doug House

Laura Lawson

Human Resources

Mike Lenderman

Dave Phillips
Jack Huskey
Terry Hunt

Eddie Wilson
Richard Price
Larry Crouse

Purchasing

Leonard McPherson

Bill Turner

Steve Smith

Dean Dobbins

Jay Miller
Norman Reid

Transportation

Roger Beard

Charlie McCoy

Finance

Bill Harbin

James McClure

Richard Lavender
Barbara Allred

Glenn Patterson

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.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 Center 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 P10 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.

AIRLINES

Greenville-Spartanburg Airport

Eastern Airlines:

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

Republic Airlines:

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

Douglas International 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 704-377-3600

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.2.a Installs and maintains telephone system

D.2.b Provides telephone directory

D.2.c Supplies mobile radios and radio pages

D.2.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.3.a PRIMARY

Oconee
Craig Tompkins

McGuire & Catawba
G.O.
Joe Hardy

D.3.b ALTERNATES

Oconee
Jeff Rowell

McGuire & Catawba
G.O.
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

D.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 System Emergency Planner on a quarterly basis.

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

The McGuire and Catawba telephone directory is shown in Implementing Procedure CMIP-10. Information for revisions to the telephone directory will be given to the System Emergency Planner on a quarterly basis.

D.9 AUDIT PROCEDURES

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

E.0 PURCHASING DIRECTOR

E.1 PURPOSE

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

E.2 MAJOR FUNCTIONS

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

E.3 MEMBERS OF GROUP

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

E.3.a PRIMARY (DIRECTOR)

Leonard McPherson

E.3.b ALTERNATES

Bill Turner
Dean Dobbins
Jay Miller
Steve Smith
Norman Reid

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

E.8 CRISIS STAGE TO RECOVERY STAGE

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

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

E.9 PROCEDURES

E.9.a REQUISITIONING EQUIPMENT

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

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

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

Jerry Nelms

Hideaways
Tamassee, S. C. 29686

Jim Alexander

Alternate: Wometco

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 - business
24 hour no.)
Home

William Stroud - business
24 hour no.)
Sandwiches, drinks, etc. for up to 200
within 2 hours.

Consolidated Coin Caterers

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

Servomation

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

Servomation
3050 Tate Boulevard, SE
Hickory, N. C. 28001

Mom and Pops Ham House
Hickory, N.C.

After hours: Charles Foster -
Phil Sumnling -
John Cannon -

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

Athens Restaurant
101 N. Independence Blvd.
Charlotte, N.C. 28204
Sam Housiadas

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.

Owner

Columbia Tent and Awning

After hours: Bill Trevathan -

Clemson National Guard
(Floyd Jones)

Tennessee Tent and Awning Company
1601 McCallie Avenue
Chattanooga, Tenn. 37404

After hours: Wilson Smith
Roger Smith -

HDO Production, Incorporated
11910 Parklawn Drive
Rockville, MD 20852
(24 hour service)

Chair and Equipment Rentals
800 Central Avenue
Charlotte, N.C. 28204

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

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

Poe Hardware

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

(24 hour number)

Little Hardware

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

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

After hours: Ned Carpenter
Reese Carpenter

Carolina Spot Jon Service

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.
Bob Pierce - Owner

A-Aaro Rents

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

G.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.

After hours: Charles Couins
Charles Couins
Chuck Cummings
Terry Grier

A-1 Chair and Equipment Rentals

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

Chair and Equipment Rentals
300 Central Avenue
Charlotte, N.C. 28204

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. Establish Daily Schedule

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

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

G.12 OFFICE TRAILER

Design Space International
6351 N. Tryon Street
P. O. Box 26811
Charlotte, N. C. 28213

Steve Carter
Brenda Brewer

Design Space International
P. O. Box 6711
Greenville, S. C. 29606

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.

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.2.g. Supplies TLD badges to South Carolina EPD

H.3. MEMBERS OF GROUP

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

H.3.a PRIMARY (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 Sytem Maintenance Support:

Catawba

Mike Couch
Ralph Morrison



[REDACTED] D. L. Freeze
Terry Chappell [REDACTED]

Ray Hollins
Ben Taylor

System Maintenance
Support [REDACTED]

R. Fred Gray

[REDACTED] Home

Harvey Lyerly

[REDACTED] B-Home

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

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

H.6 TRACTOR TRAILER DRIVERS, EQUIPMENT OPERATORS, FLAT TRUCK
DRIVERS, CRANE OPERATOR, 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.O. 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 [REDACTED]
Utility: Ed Lecroy [REDACTED]

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 TLD BADGES

For Catawba and Oconee, this group will provide TLD badges to the South Carolina Emergency Preparedness Department (SCEPD). When a drill or emergency begins, a designated person in the group will call Glen Jennings, of SCEPD, at [REDACTED] or [REDACTED] in Columbia, SC. He will inform us of how many TLD badges his group will need, when, and where they need them.

There are 100 TLD badges at the Physical Science Building at Lake Norman near McGuire. The designated person from the group will contact Wanda Carter for access to them. Her number is (704) [REDACTED] at home.

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

H.14 AUDIT PROCEDURE

Reference Section A.8 of this manual.

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
Spike Cofer
J. B. Sellers

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.

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

TRAINING MEETINGS

A general training meeting will be held 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
IMPLEMENTING PLAN
CMIP-5 - Scheduling/Planning Support Group

Rev. 14

May 15, 1985

Scheduling/Planning Support Group

|

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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 Senior Company Officer.

Primary: W. H. Owen

Work
Home -

Alternate: A. C. Thies

Work
Home -

- 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 [redacted]
on a periodic basis.

- d. Update NRC via the "Red Phone" on a periodic basis. (Hdqtrs [redacted]
Region II - [redacted])

- 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 straightforward schedule for presentation to the Recovery Manager. Schedules will be presented using graphic techniques in such a manner that they can be revised as required.

Primary Responsibilities:

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

D. Performance Monitor

Reports to: Scheduling/Planning Support Group Manager

Supervises: N/A

Basic Functions:

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

Primary Responsibilities:

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

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

- b. Provide the Scheduling Coordinator a progress report for each individual event/activity on a timely basis. This report will list the following items:
 1. Event/activity title.
 2. Scheduled time frame for resolution of this item.
 3. Event status including manpower requirements, material needs, as well as technical/engineering support required from both inside and outside the responsible group.
 4. Projected schedule for upcoming "time/work" period including manpower and material

requirements, and technical/engineering support necessary both inside and outside the responsible group for each phase of the job.

5. Known/Anticipated - Delay/Problems. This will include an identification or description of these areas, the possible impact on this event's scheduled completion, and, if known, the impact on other related job schedules.
6. Develop proposed recommendations to resolve known/anticipated delay/problem areas.
7. Reporting requirements are described in Figure 1.

E. Operations Support Coordinator

Reports to: Scheduling/Planning Manager

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

Basic Functions:

1. Locates and schedules qualified manpower support for operations based upon needs specified by the plant and upon the actions planned by the recovery organization.
- ~~2. Assembles a procedure writing team to develop out-of-normal and emergency procedures in support of plant operations as required by the nature of the emergency.~~

Primary Responsibilities:

1. Provides support to plant operations in monitoring plant parameters and analyzing plant conditions.
2. Provides support to plant operations in system valve alignment and equipment operations.
3. Acts as the point contact interface between the plant operations group and the recovery organization.
4. Provides support to plant operations as necessary to implement recovery organization objectives and collect plant information for the Data Facility.

5. Rewrite existing procedures as required to reflect accident conditions.
6. Convert plant recovery plans into clear, concise procedures for use by the plant operations group.

Principle Working Relationships

1. Plant operations designated contact regarding the most effective utilization of support personnel and implementation of recovery plans as they impact plant operations.
2. Data Facility Coordinator regarding needs for plant information.
3. Core Physics Coordinator regarding required operating procedures to protect the core.

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 Center 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

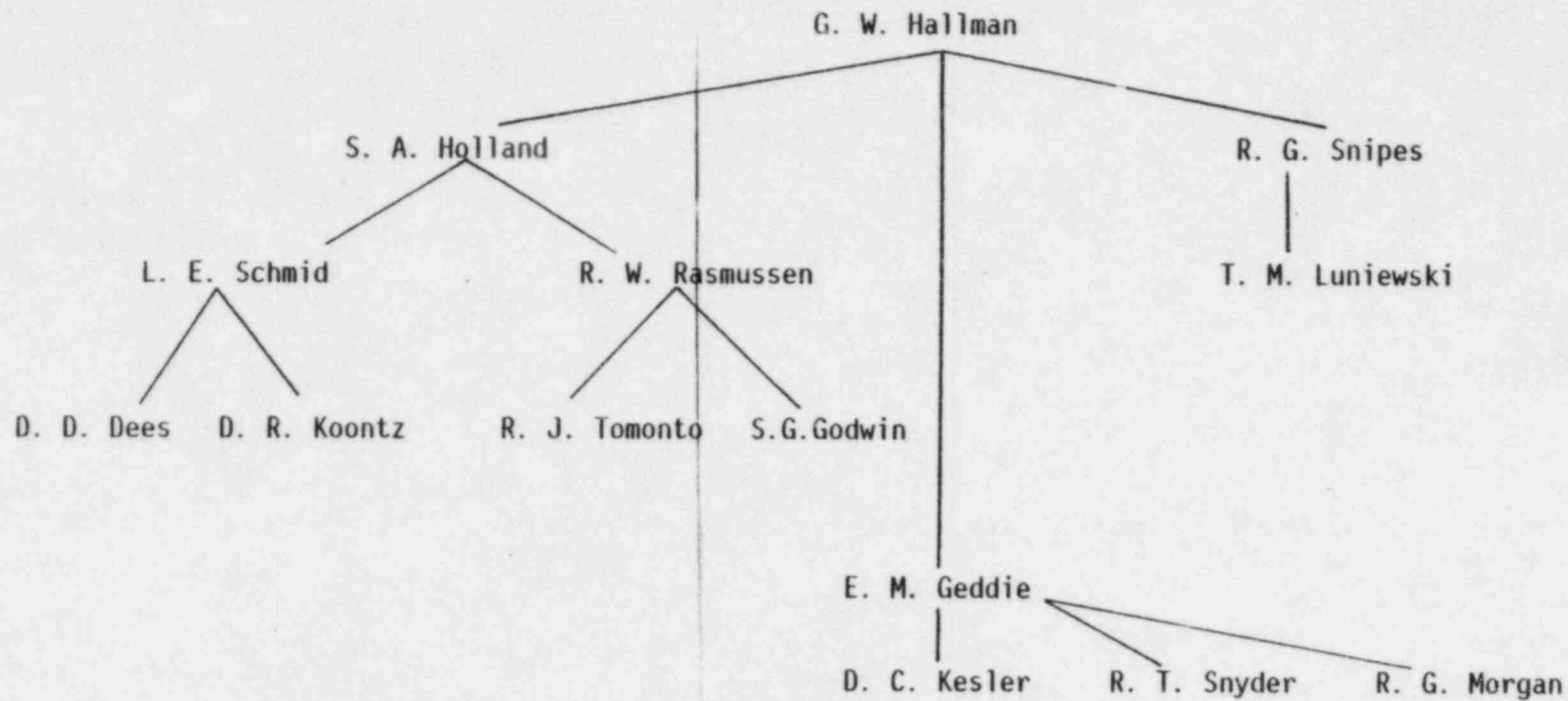
Provide the S. Coordinator a progress report on each individual event/activity.

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>		
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		
S. A. Holland		
L. E. Schmid		
D. C. Kesler		
R. G. Morgan		
S. B. Schonhoff		
Eugene Keener		
J. T. Reece		
R. T. Snyder		

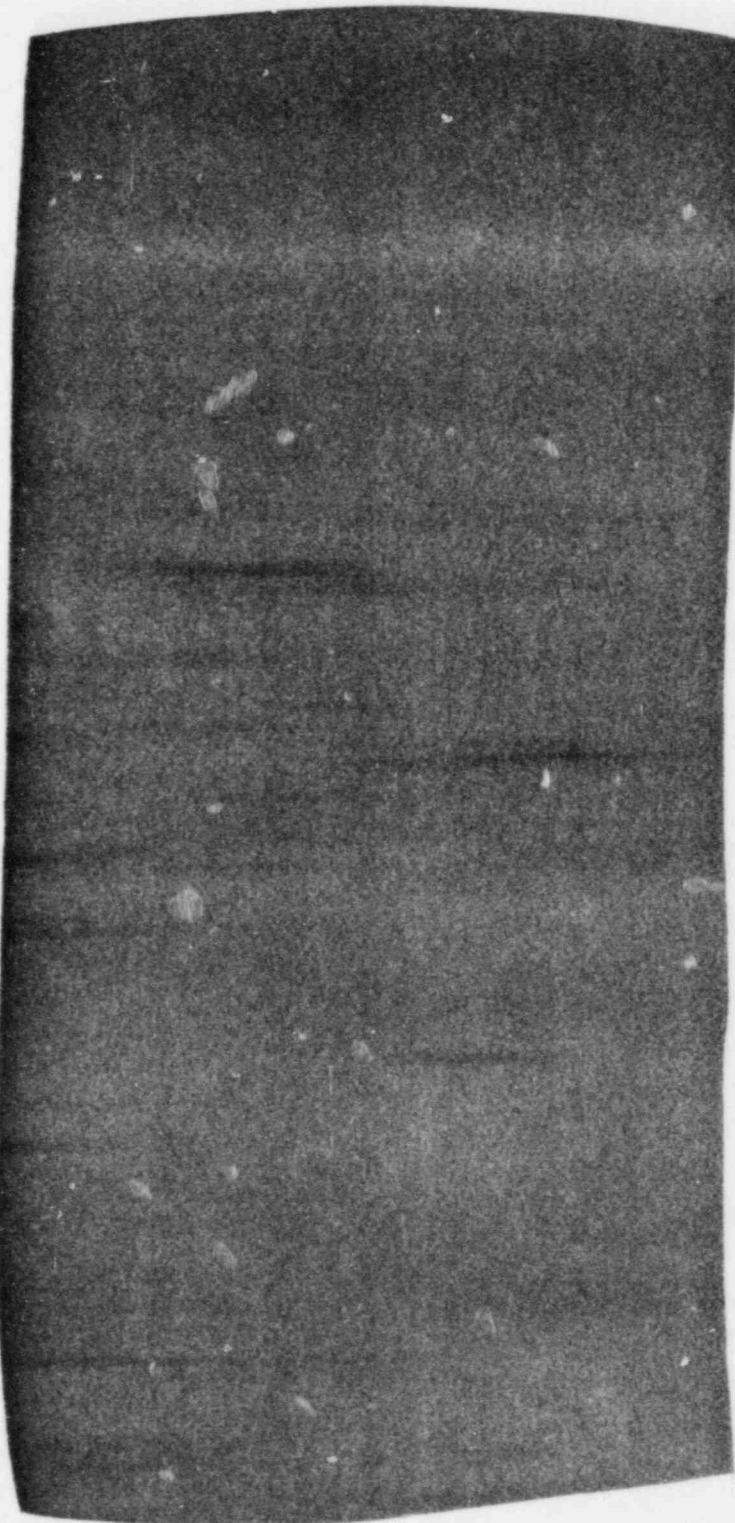
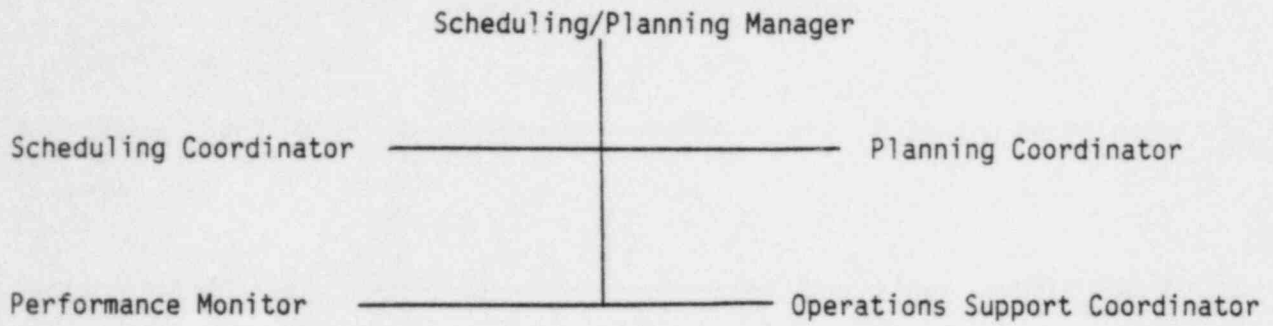


Figure 4

Scheduling/Planning Support Group



Crisis Management Center (CMC)
Emergency Activation Message

Your name _____. Time Contacted _____ am/pm.
Person who contacted you _____ Your Group _____.
Persons you contacted with this message _____
_____. (If Any)

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 retransmit a copy of this completed format to the System Emergency Planner.

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

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

Nuclear Engineering Support

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

FIGURE 6 (cont'd)

Scheduling/Planning

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

Design & Construction

T. F. Wyke
L. R. Barnes
T. C. McMeekin
S. B. Hager

Westinghouse (McGuire or Catawba)

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

Babcock & Wilcox (Oconee only)

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

Work No.

Home No.

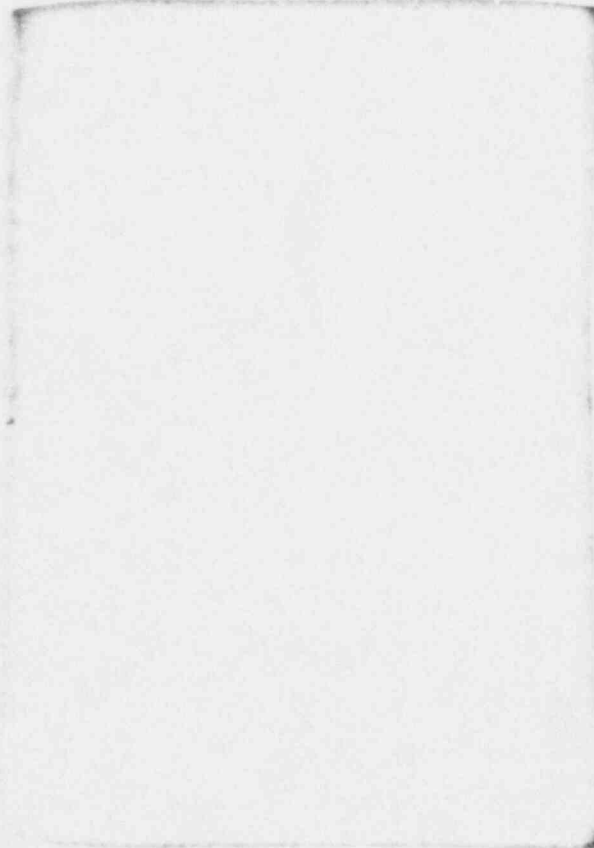


Figure 7

EMERGENCY MESSAGE FORMAT
Nuclear Station To
Nuclear Production Duty Engineer

Operating Unit Engineer/Duty Engineer shall contact:

Name: _____ Phone: _____
(Nuclear Production Duty Engineer)
Date: _____ Time: _____

Provide CMC Notification through the Nuclear Production Duty Engineer.

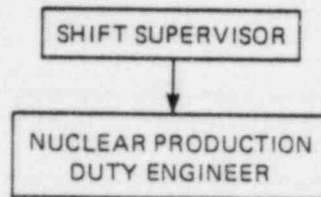
-
-
1. This is _____ at _____ at _____ Station.
(Name and Title)
 2. This _____ is _____ is not a drill. An _____ Unusual Event _____ Alert
_____ Site Area Emergency _____ General emergency was declared at _____
on Unit number _____. (Time)
 3. Initiating condition: (Give as close to the emergency plan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

 4. Corrective measures being taken: _____

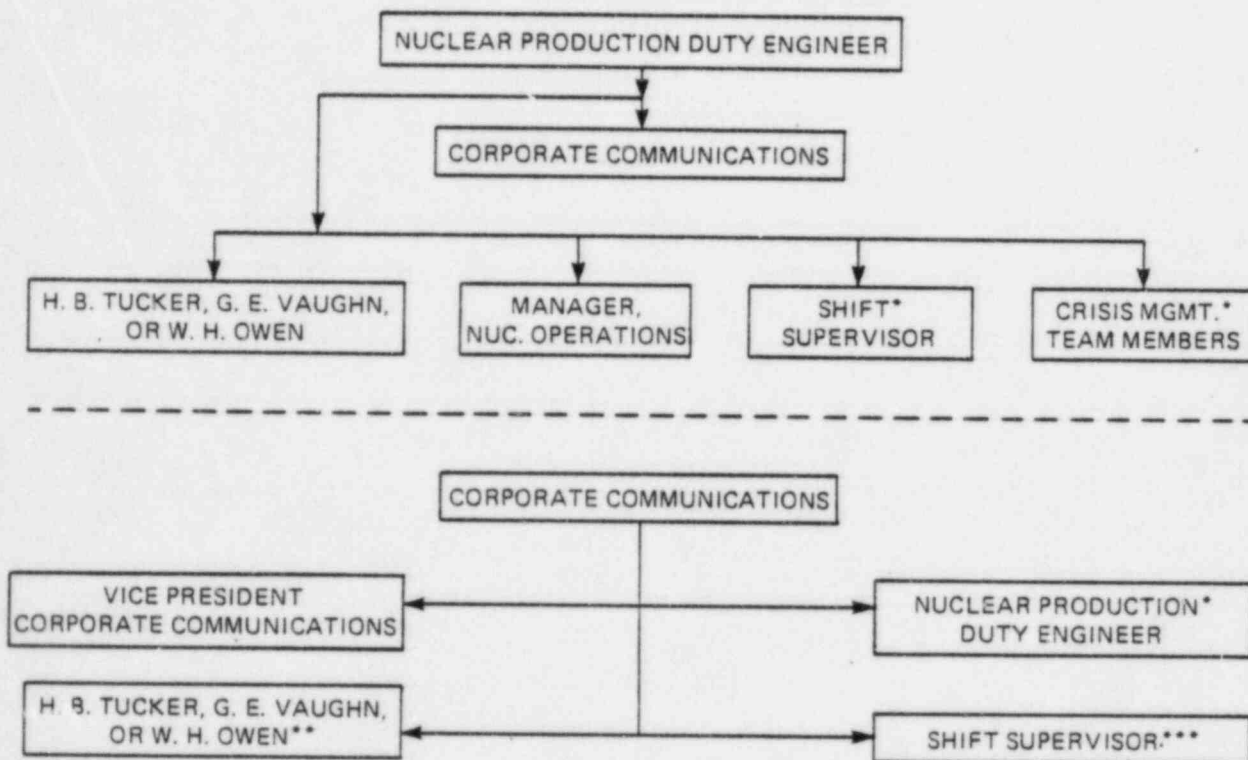
 5. There _____ have _____ have not been any injuries to plant personnel.
 6. Release of radioactivity: _____ is taking place _____ is not taking place
and is/is not affecting the CMC.
 7. NRC _____ Yes _____ No; State _____ Yes _____ No; Counties _____ Yes _____ No;
have been notified.
 8. The Crisis Management Center should/should not be activated. See Figure
E-2 of Crisis Management Plans 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)

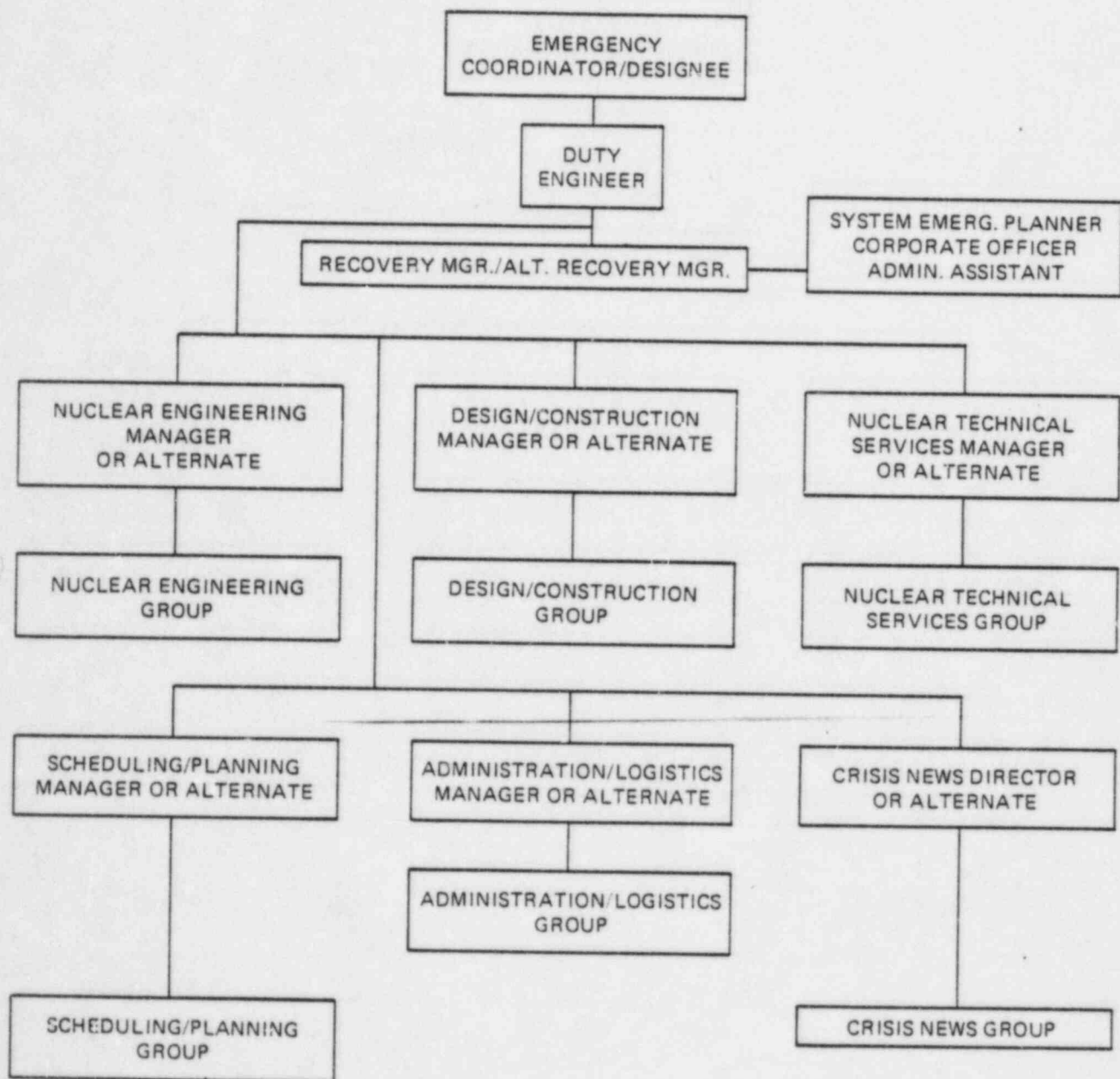


FOLLOWUP CALLS FOR INFORMATION



- * - 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



DUKE POWER COMPANY

CRISIS MANAGEMENT

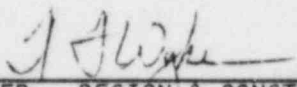
IMPLEMENTING PLAN CMIP-6

DESIGN & CONSTRUCTION SUPPORT GROUP PLAN

OCONEE NUCLEAR STATION

MCGUIRE NUCLEAR STATION

CATAWBA NUCLEAR STATION


APPROVED: DESIGN & CONSTRUCTION SUPPORT GROUP MANAGER

REVISION 18 - 5/15/85

DESIGN AND CONSTRUCTION SUPPORT GROUP

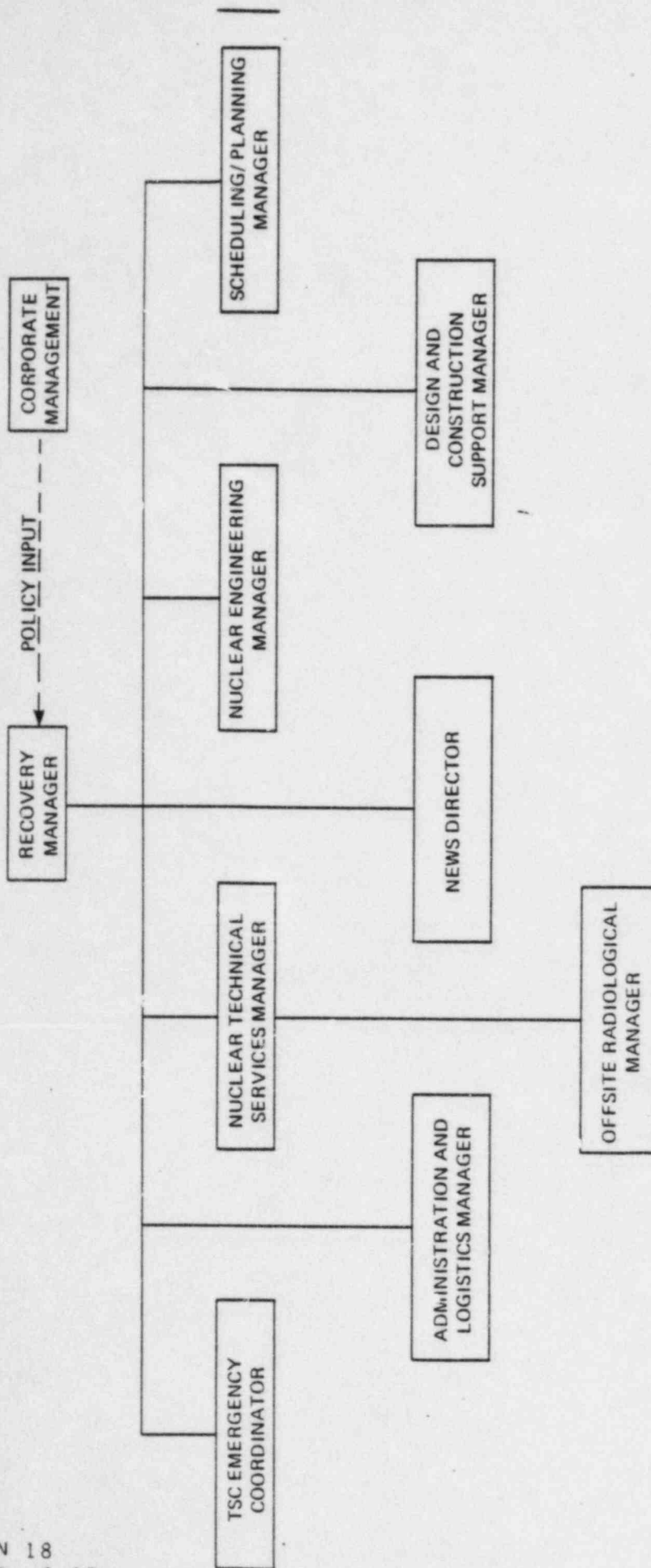
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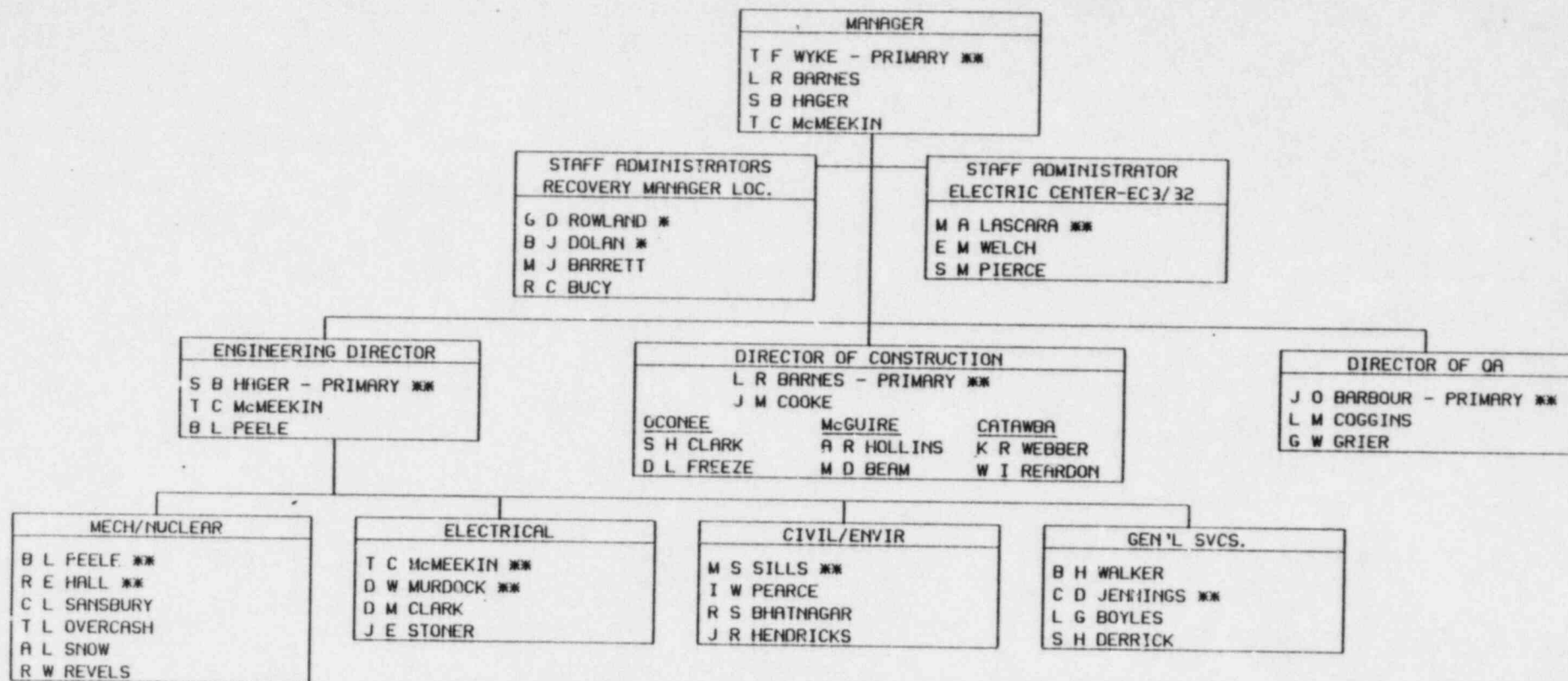
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DESIGN & CONSTRUCTION SUPPORT GROUP



REVISION 18
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* 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

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, 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 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

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, 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, 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. Administration 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.

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 Center 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 Area 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 Area 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 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

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 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
Activation Checklist

This checklist is to be completed by the Recovery Manager prior to informing the Emergency Coordinator that the Crisis Management Center is ready to assume its responsibilities for overall direction and control.

1. ☐ All essential groups are in place, with adequate representation, and ready to perform their roles. (Activation may take place without representation in areas considered by the Recovery Manager to be non-essential.)
2. ☐ Telephones and radios are operational. Dedicated phones and ringdown lines are open with speaker phones in place.
3. ☐ Tables and chairs are set up. (See Crisis Management Plan, Section H.)
4. ☐ Off-site Radiological Support Group has been in contact with the Station Health Physicist.
5. ☐ The Scheduling/Planning Group is adequately staffed to keep the Recovery Manager appraised of critical trends and the plant condition.
6. ☐ A person is designated for manning the "Red Phone" to keep NRC informed.
7. ☐ Each manager has prepared a list of who is present to represent their group and has provided a copy of that list to the A&L Manager.
8. ☐ Recovery manager is up to date on station status and pertinent information. (See Figure E-7 for turnover Checklist.)
9. ☐ Communications established with States or counties, as appropriate.

Crisis Management Center activated at ____ hours on __/__/__ (Date).

Recovery Manager

Crisis Management Center (CMC)
Emergency Activation Message

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

Your Name _____ . Time Contact _____ am/pm
Person who contact you _____ Your Group _____
Persons you contacted with this message _____
_____. (If Any)

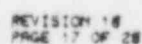
Message Format

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:

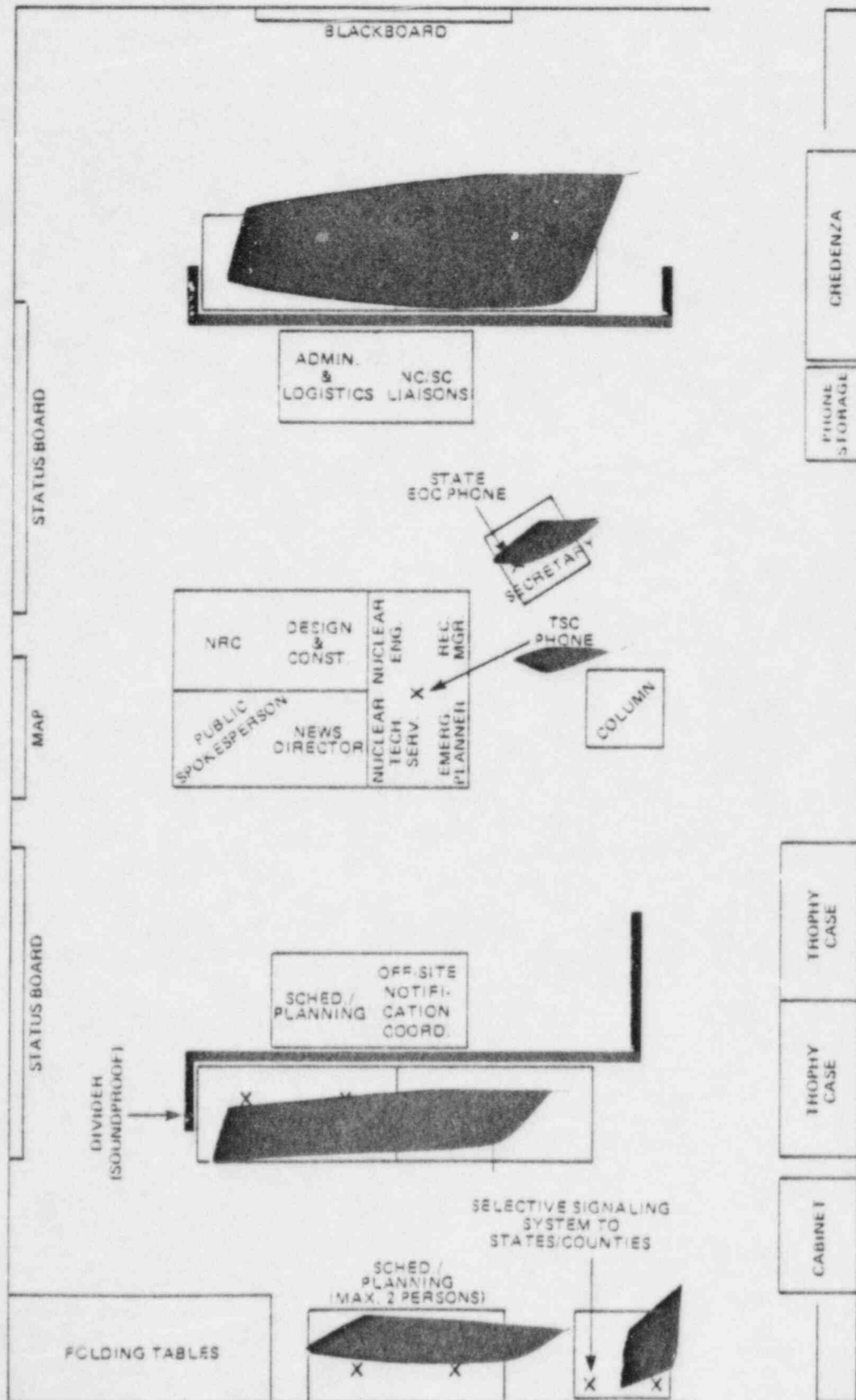
_____ the Charlotte General Office
_____ the Oconee Training Center
_____ the Liberty Retail Office
5. Specific Instructions (if any) _____

6. Please return a copy of this completed format to the System Emergency
Planner - R. E. Harris (WC-23).



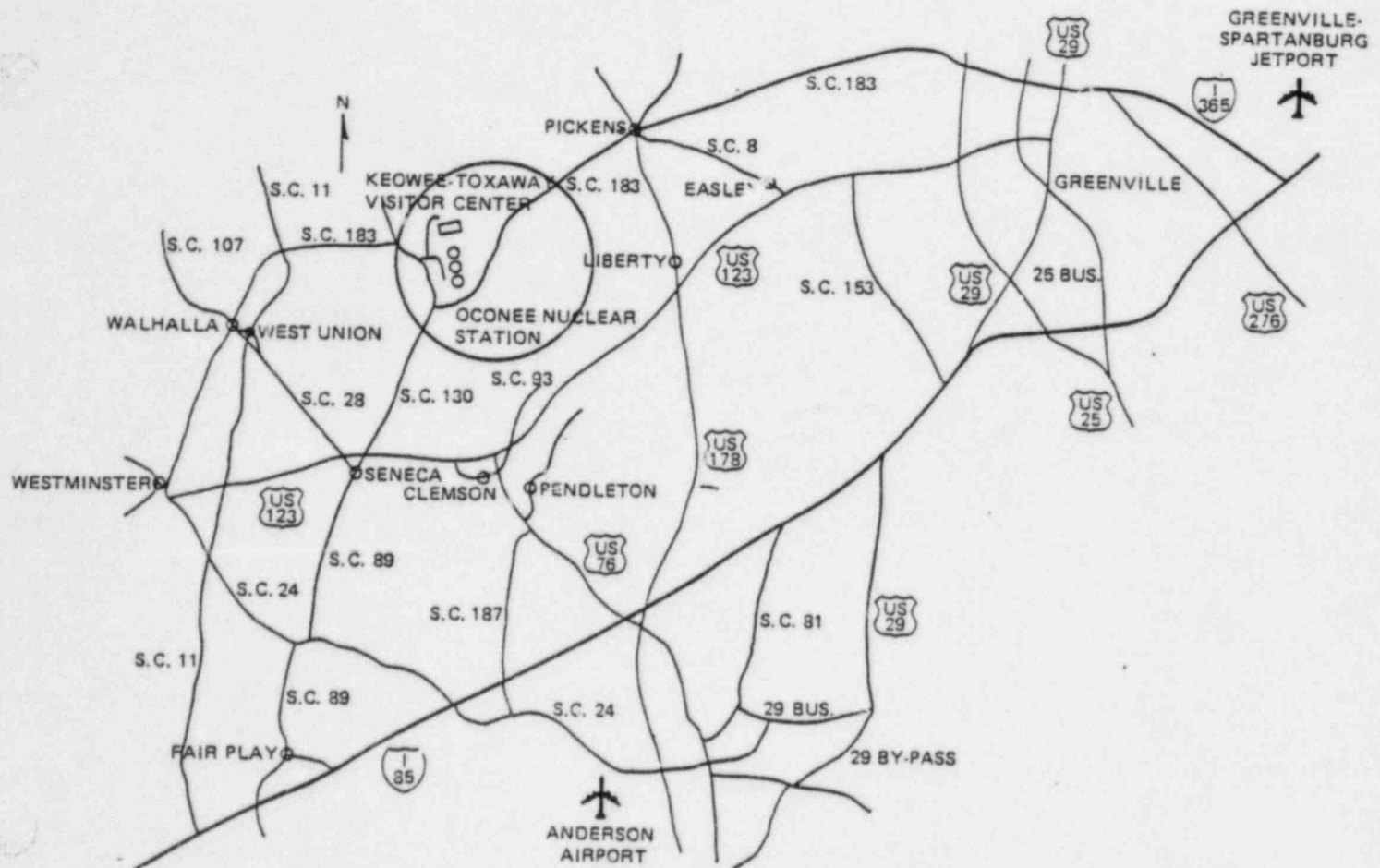
DUKE POWER COMPANY
GENERAL OFFICE RESPONSE FACILITIES

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

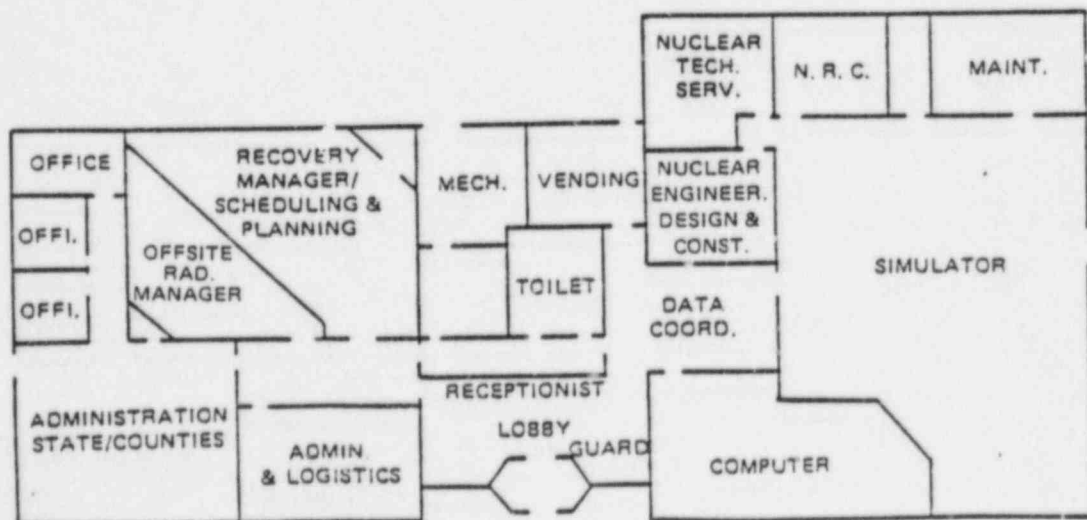


NOTE: MOVE SPEAKERPHONE EXT. 6265 INTO HALLWAY TO REDUCE NOISE DISTRACTIONS.

OCONEE NUCLEAR STATION
NEARSITE RESPONSE FACILITIES
GENERAL LOCATION

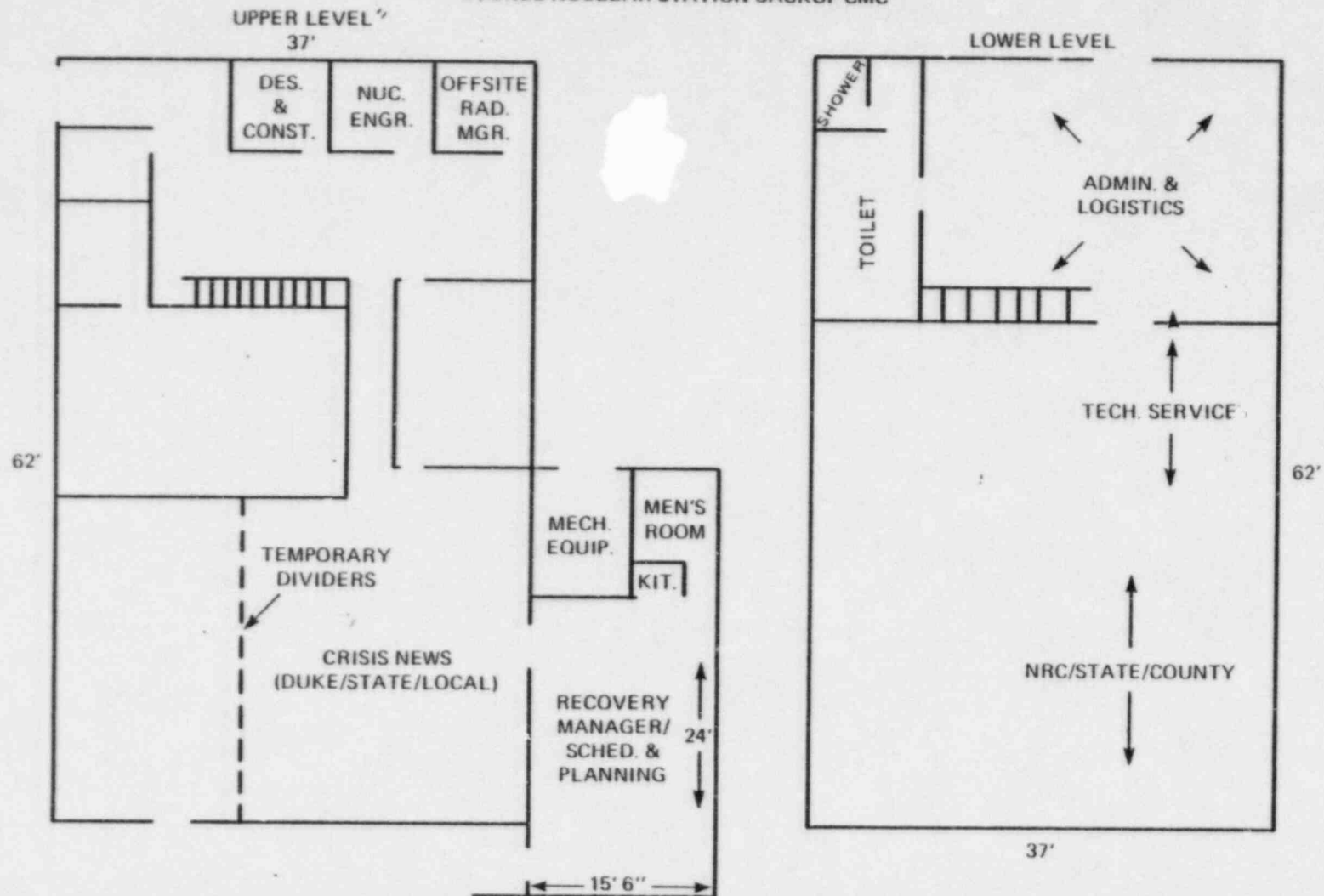


NEARSITE CRISIS MANAGEMENT CENTER
OCONEE TRAINING CENTER



LIBERTY RETAIL OFFICE LAYOUT

DUKE POWER COMPANY CRISIS MANAGEMENT PLAN OCONEE NUCLEAR STATION BACKUP CMC



CRISIS MANAGEMENT TELEPHONE NUMBERS

1. General Office Numbers

a. Support Group Offices

Design & Construction -

Offsite Radiological Manager

Nuclear Engineering -

Administration/Logistics

Nuclear Tech. Services

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

Recovery Manager/Scheduling and Planning

Nuclear Engineering

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

Recovery Manager

Design & Construction

Nuclear Engineering

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.

CRISIS MANAGEMENT

IMPLEMENTING PLAN

CMIP-7 - Nuclear Technical Services Group

Rev. 16

May 15, 1985

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.

2. Nuclear Engineering 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.

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 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 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 Personnel (2-3 persons/shift)

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/her alternate and, two or three persons regularly assigned to the ERL. 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. Gamma 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

status, respectively. Based on the information gathered, they are responsible for keeping the State/County agencies up-to-date. (CMIP-15 and CMIP-16 provide details on how this would be done.)

The person filling this description shall have a solid Health Physics background, and be knowledgeable of the site location, personnel and surrounding area.

Responsibilities -

1. Maintain contact with state and county agencies on environmental matters and plant status. Update State and Counties periodically (approx. 30 to 60 minutes).

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. 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

(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)
(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

TABLE 1

NUCLEAR TECHNICAL SERVICES GROUP

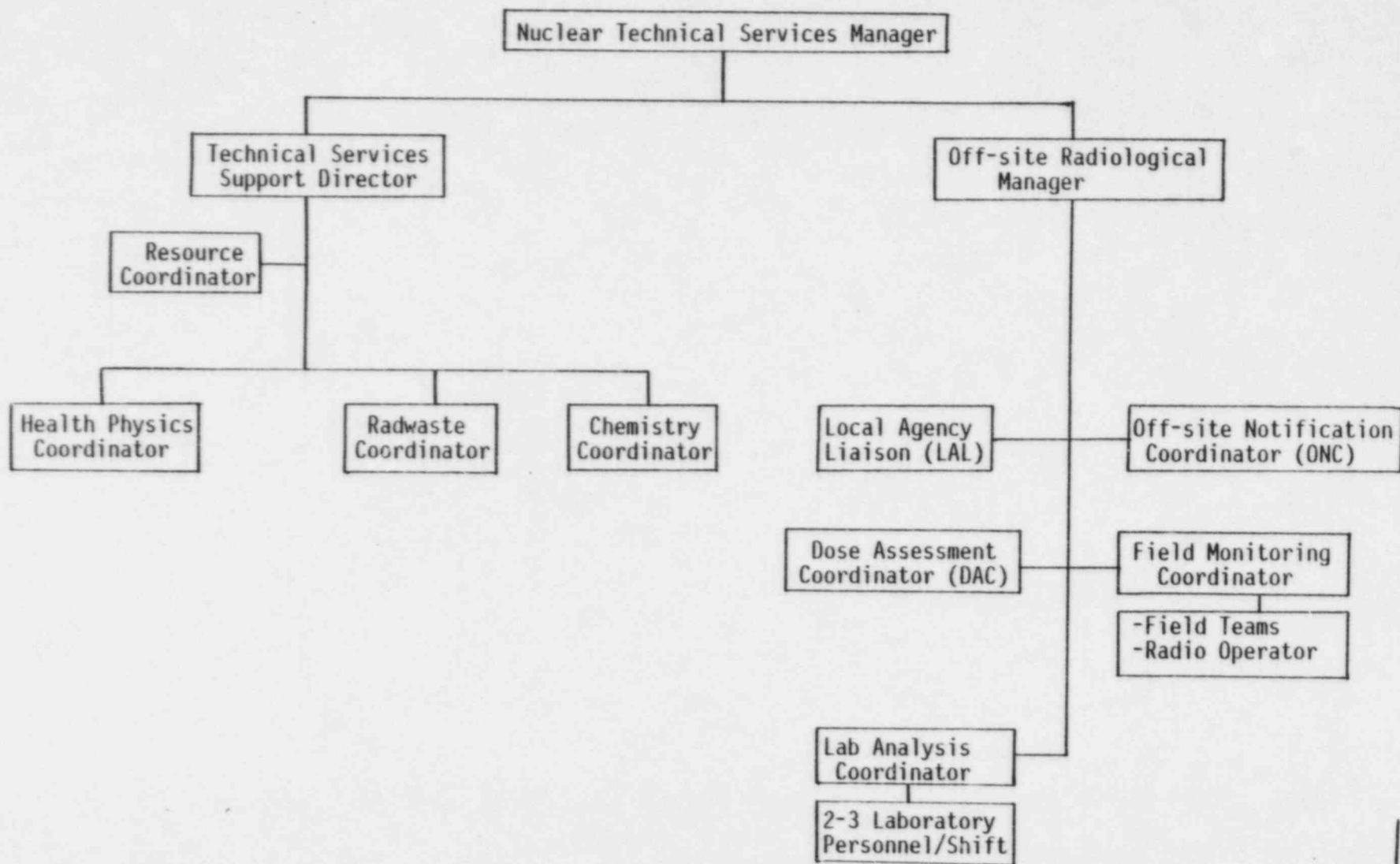


TABLE 2

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		
	R. T. Simril		
Technical Services Support Director	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		
	M. L. Birch		
Radwaste Coordinator	D. L. Vaught		
	R. M. Propst		
	H. J. Dameron		
	M. S. Terrell		
	C. F. Lan		
	J. M. Stewart		
	R. W. Eaker		
Chemistry Coordinator	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 (A11)		
	F. G. Hudson (A11)		
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 (All)		
Alternate:	G. Sain (CNS or MNS)		
	C. V. Wray (MNS or CNS)		
	Kevin Murray (CNS or CNS)		
Laboratory Analyses Coordinator			
Primary:	J. S. Isaacson (All)		
Alternates:	G. T. Mode (ONS or MNS)		
	W. F. Byrum (ONS or CNS)		
Lab Personnel	B. A. Broadway (All)		
	T. S. Sigmon (All)		
	L. W. McDermid (All)		
	M. T. Jones (All)		
	R. S. Jones (All)		
Dose Assessment Coordinator			
Primary:	R. E. Sorber (All)		
	H. D. Brewer (All)		

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)

M. J. Geer (All)

L. J. Azzarello
(All)

Alternates:

D. J. Berkshire
(MNS or CNS)G. L. Courtney
(MNS or CNS)S. A. Coy
(MNS or CNS)C. L. Harlin
(MNS or CNS)R. D. Kinard
(MNS or CNS)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

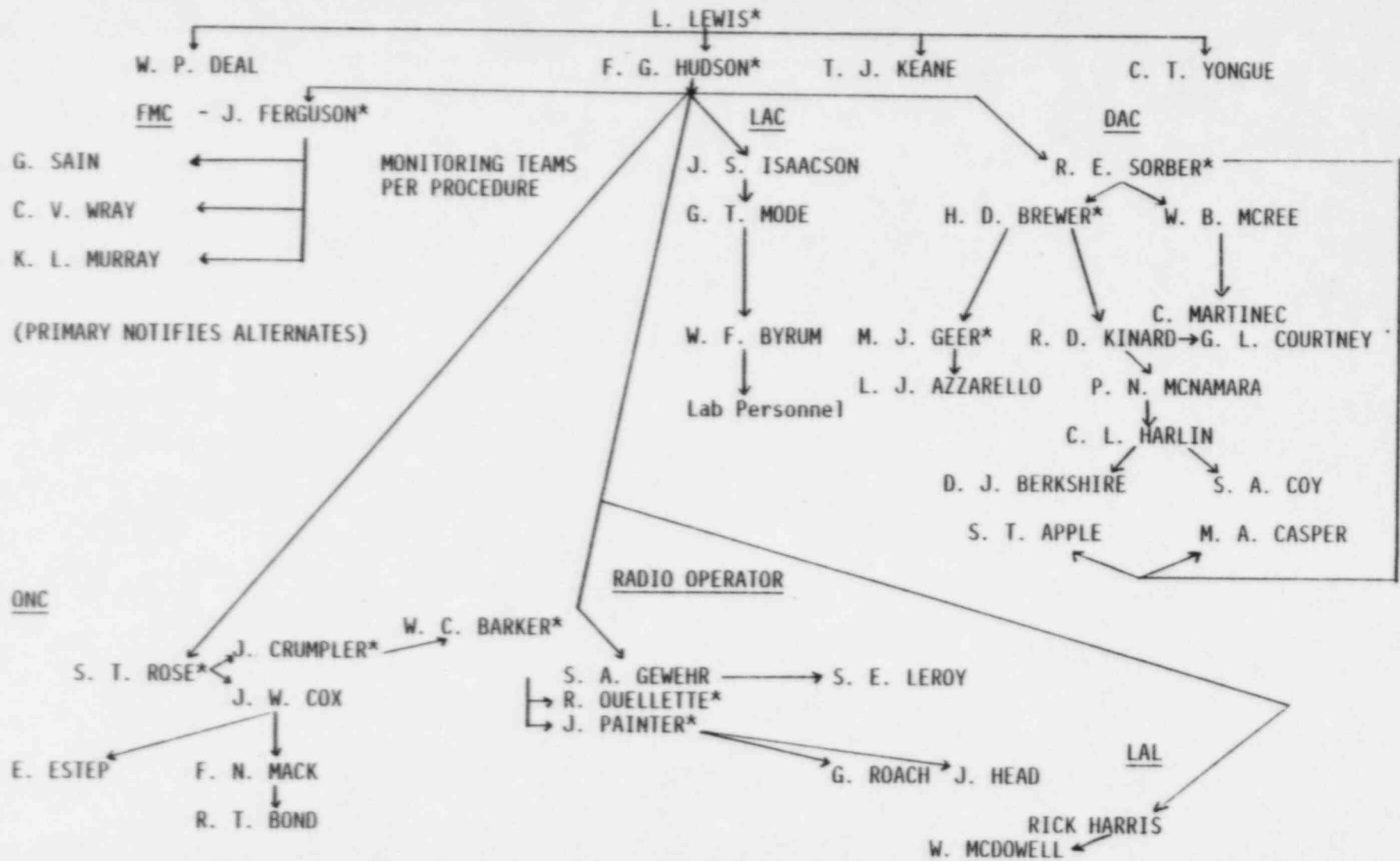
J. Crumpler

W. C. Barker

Alternates:

J. W. Cox
(ONS or MNS)

TABLE 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

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

Your name _____ Time Contacted _____ am/pm

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 System Emergency Planner.

Crisis Management
Implementing Plan
CMIP-8 - Nuclear Engineering Group

Rev. 12
Revision Number

May 15, 1985
Date

Nuclear Engineering Group

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 - E. Licensing Support Coordinator
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 - G. Core Physics Coordinator
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- IV. Emergency Facilities - Equipment and Resources
- V. Implementation of Facility and Equipment
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 - 7. Generating Station Support - McGuire
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I. SCOPE

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

II. FUNCTIONAL RESPONSIBILITY

A. NUCLEAR ENGINEERING MANAGER

Reports To: Recovery Manager

Supervises: Nuclear Engineering 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 Manager

Supervises: N/A

Basic Functions:

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

Primary Responsibilities:

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

Principle Working Relationships:

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

C. NUCLEAR ENGINEERING ADMINISTRATIVE SUPERVISOR

Reports To: Nuclear Engineering Manager

Supervises: Administrative personnel in the Nuclear Engineering Group

Basic Functions:

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

Principle Working Relationships:

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

D. DATA COORDINATOR

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

G. CORE PHYSICS COORDINATOR

Reports To: Nuclear Engineering 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 Manager and Recovery Manager regarding proposed plant operations to affect safer core conditions.
3. NSSS Supplier regarding all activities.

III. NUCLEAR ENGINEERING 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 Manager.
2. The Nuclear Engineering 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 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 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 Group will be located in Room 1704 of the Wachovia Center in Charlotte, N. C. The CMC for McGuire and Catawba is in designated conference rooms in the General Office. The Oconee CMC is located at the Oconee Training Center. The Recovery Manager operates out of room WC-1010 for McGuire and Catawba and out of his designated room in the Oconee Training Center.

B. Equipment and Resources

1. Communication

- a. Crisis Management Center - Redundant two-way communications with the Emergency Operation Center, the Control Room, other appropriate off-site agencies and telephone.
- b. Alternate Crisis Management Center - Has some communications capability as described for Crisis Management Center.
- c. Support Group Personnel at Site - Telephone connections with Crisis Management Center and Alternate Crisis Management Center, and with the station.
- d. Personnel at Main Office - Telephone.

2. Equipment and Supplies

- a. Word processing equipment, i.e., typewriters, copy machine, telecopier, portable dictating machines.
- b. System descriptions.
- c. FSAR and Technical Specifications.
- d. Station operating, maintenance and emergency procedures.
- e. Drawings, i.e., P&ID, EE, general arrangement.
- f. Organization charts for the station and general office.

3. Personnel Resources

In addition to the primary and alternate members of the Nuclear Engineering 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 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 Group is supplied in the Crisis Management Plan and in Part II of the Nuclear Engineering Group Plan. |

VII. EMERGENCY CONCLUSION

- A. As the plant is brought to a stable condition and it has been determined the Nuclear Engineering Group is no longer needed, the Nuclear Engineering 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

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

Your name _____ Time Contacted _____ am/pm
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 System Emergency Planner.

Figure 2

NUCLEAR ENGINEERING GROUP
Telephone List

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

Figure 3

LONG RANGE RECOVERY SUPPORT

Data Coordinator

Office

Home

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)

Figure 4

NUCLEAR ENGINEERING GROUP
Equipment Location Checklist

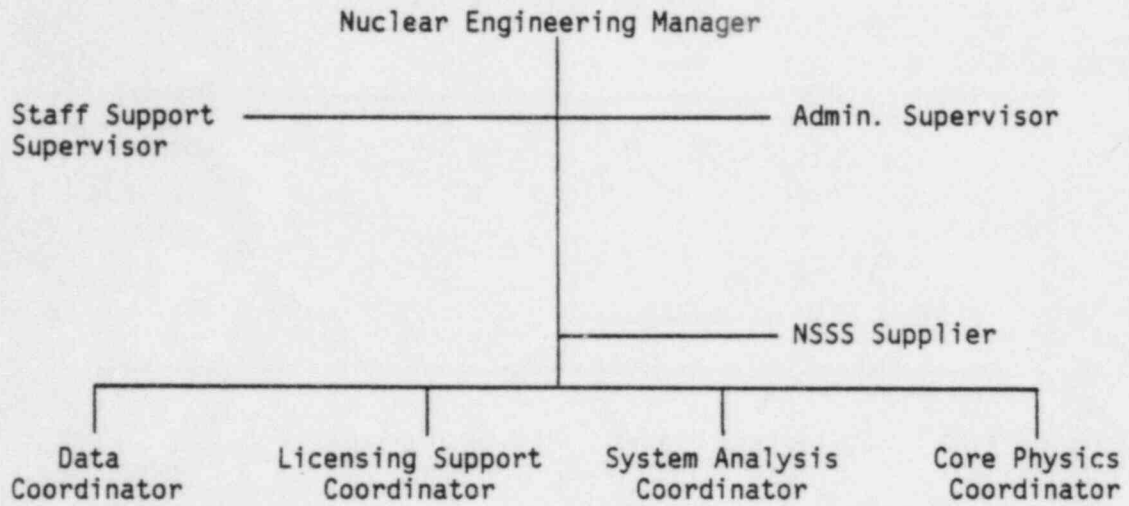
	<u>Oconee</u>	<u>McGuire</u>	<u>Catawba</u>
_____ FSAR	Room 1703	Room 1785	Room 1787
_____ Technical Specification	Room 1703	Room 1785	Room 1787
_____ P. O. Drawing	Room 1780	Room 1780	Room 1780
_____ Station Directives	Room 1725	Room 1725	Room 1725
_____ Station Organization	Room 1725	Room 1725	Room 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
Organizational Chart



DUKE POWER COMPANY
CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE CMIP-9
OCONEE NUCLEAR STATION-CRISIS
TELEPHONE DIRECTORY

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.

Rev. 9
May 15, 1985

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.

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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
 - J. N. Pope, Office
 - Home
 - B. Station Manager/Emergency Coordinator (or alternate as listed in number 8)
 - M. S. Tuckman, Office
 - Home
 - Beeper
 - C. Compliance Engineer (Unusual Event Only)
 - Home
 - D. Nuclear Production Duty Engineer who will notify:
 1. Corporate Communications
 2. Crisis Management Organization
3. SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
(Warning Point State of South Carolina)
 - Bureau of Radiological Health (0800-1700)
 - Answering Service after hours, weekends, holidays.
 - *State Emergency Operations Center, Columbia, S.C.
 - *Forward Emergency Operations Center, Clemson, S. C. . . Duke
 - Alternate Number

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

4. COUNTY EMERGENCY PREPAREDNESS AGENCIES

Oconee County Emergency Preparedness Duke
Alternate Number - 24 hour, Pager
Alternate Number - 24 hour, Pager

Pickens County Emergency Preparedness Duke
Alternate Number - (0830-1700)
Alternate Number - 24 hour, Pager

5. COUNTY SHERIFF'S DEPARTMENTS

Oconee County (24 hours) Duke
Alternate Number

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

6. MEDICAL ASSISTANCE

Oconee Memorial Hospital Ambulance Service
Oconee Memorial Hospital Switchboard/Supervisor or Nursing .

Additional Medical assistance may be provided through the
following institutions:

Greenville Memorial Hospital (Charge Nurse)
Pickens County Ambulance Service
Cannon Memorial Hospital/Supervisor of Nursing
Alternate Number
Easley Baptist Hospital/Supervisor of Nursing

7. 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) . . .

8. TECHNICAL SUPPORT CENTER ACTIVATION (* Station Manager or Alternate)

If the Station Manager cannot be reached, go to the next Superintendent down the list until one is contacted . Alternates for Superintendents are listed for information only.

* Station Manager

M. S. Tuckman, Office

Home

Beeper

* Superintendent of Technical Services

T. S. Barr, Office

Home

Alternates for Superintendent of Technical Services

R. A. Knoerr, Office

Home

J. J. Sevic, Office

Home

B. G. Davenport, Office

Home

* Superintendent of Maintenance

T. B. Owen, Office

Home

Alternates for Superintendent of Maintenance

W. W. Foster, Office

Home

W. E. Martin, Office

Home

D. E. Havice, Office

Home

D. M. Thompson, Office

Home

* Superintendent of Operations

J. N. Pope, Office
Home

Alternates for Superintendent of Operations

H. R. Lowery, Office
Home

G. A. Ridgeway, Office
Home

J. T. Campbell, Office
Home

N. L. Edwards, Office
Home

* Operations Duty Engineer

Superintendent of Station Services (listed for information only)

J. T. McIntosh, Office
Home

Alternate for Superintendent of Station Services

D. G. Austin, Office
Home

Superintendent of Integrated Scheduling

L. V. Wilkie, Office
Home

Alternate for Superintendent of Integrated Scheduling

G. E. Rothenberger, Office
Home

Jeff S. Forbes, Office
Home

B. V. Earnhardt, Office
Home

9. WATER DEPARTMENTS

Should releases of radioactive effluent into Lake Keowee or Lake Hartwell potentially effect 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)

10. 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.)

11. BOMB DISPOSAL

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

12. 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.) .

13. INGESTION PATHWAY

State of N.C. Warning Point

Primary - North Carolina Highway Patrol

Alternate - N.C. Division of Emergency Management

State of Georgia Warning Point

Primary - Georgia Emergency Prep. Agency

Alternate - Georgia Dept. of Natural Resources

14. NUCLEAR REGULATORY COMMISSION

NRC Operations Center (via Bethesda Central Office) . . .

NRC Operations Center (via Silver Spring Central Office) .

US NRC, Region II

US NRC, Region II (Operations Center).

US NRC, Oconee Resident Inspectors

Jack Bryant (Home)

Kent Sasser (Home)

15. BUS TRANSPORTATION

Anderson Retail Office (24 hour number)
(Contact John Holland, Pete Busby)

16. NATIONAL WEATHER SERVICE - METEOROLOGICAL BACK-UP SOURCE

Greenville-Spartanburg Weather Service (24 hour) .

17. FEDERAL AERONAUTICS AGENCY

PRIVATE AIRCRAFT

Flight Standards District Office(0800-1700). . . .

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

MILITARY AIRCRAFT

Air Space Mgr. (Shaw AF Base)

Alternate

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
(803)

Easley Lines
(803)

Anderson Line
(803)

Six Mile Line
(803)

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</u> <u>Station</u>
	<u>Line</u> <u>Number</u>
<u>EMERGENCY COORDINATION</u>	
Emergency Coordinator	
Offsite Communicator	
Superintendent of Operations	
Superintendent of Technical Services	
Data Transmissions Coordinator	
Data Release (Unit 1 & 2).	
(Unit 3).	
Chemistry	
Compliance	
Station Health Physicist	
Superintendent of Maintenance	
Superintendent of Integrated Scheduling	
Superintendent of Station Services	
Clerical Support	
Telecopier	
NRC Resident Inspector	

	<u>Telephone Number</u>	
	<u>Outside Line</u>	<u>Station Number</u>
<u>OFFSITE DOSE ASSESSMENT</u>		
Dose Assessment Coordinator		
Data Line (HP) Model A		
Field Monitoring Coordinator		
Emergency Count Room		
<u>CONTROL ROOM</u>		
Unit 1		
Unit 2		
Unit 3		
Shift Supervisor (Unit 1 & 2)		
(Unit 3)		
<u>OPERATIONAL SUPPORT CENTER</u>		
(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 Liason		
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>NUCLEAR TECHNICAL SERVICES</u>		
S.C. Bureau of Radiological Health (Duke Line)		
(FEOC Line)		
<u>OFFSITE RADIOLOGICAL MANAGER</u>		
<u>NUCLEAR ENGINEERING</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>		
<u>BABCOCK & WILCOX (NSSS SUPPLIER)</u>		

OCONEE NUCLEAR STATION
CRISIS PHONE DIRECTORY
GENERAL OFFICE SUPPORT CENTER

SENIOR COMPANY OFFICER

(Contact with the Governor)

- W. H. Owen (Primary)
A. C. Thies (Alternate)

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)

NUCLEAR ENGINEERING 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 for 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

OFFSITE RADIOLOGICAL MANAGER

ADMINISTRATION AND LOGISTICS

NUCLEAR TECHNICAL SERVICES

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> ONS <u>Switchboard</u>
<u>CRISIS NEWS DIRECTOR</u> Mary Cartwright		

COMMERCIAL NEWS MEDIA
(Active Numbers)
For drill purposes only

COMMERCIAL NEWS MEDIA
(Inactive Numbers)
Activated only during an
actual emergency

NRC/STATE/COUNTY PUBLIC
INFORMATION OFFICERS (PIO'S)

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.

OCONEE NUCLEAR STATION EMERGENCY RADIO

The call letters WQC699 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 WQC699 off.)

ONS Base Station Remotes

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

Coded Squelch Radios

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

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		Leader
9.	Field Monitor Team		Alpha
10.	Field Monitor Team		Bravo
11.	Field Monitor Team		Charlie
12.	Field Monitor Team		Delta
13.	Field Monitor Team		Echo
14.	Field Monitor Team		Foxtrot

TO COMMUNICATE BETWEEN BASE STATION REMOTES (1, 2, 3), THE INTERCOM MUST BE USED! The following procedure must be used:

1. Push INTERCOM button and hold
2. Push MIKE button and hold
3. Send message (example, CMC to TSC)
4. Release both buttons to receive a response.

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-CNS*

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 Number (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
IMPLEMENTING PROCEDURE CMIP-10

MCGUIRE/CATAWBA CRISIS
TELEPHONE DIRECTORY

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 -----

Administration & Logistics -----

Crisis News -----

Design & Construction -----

Nuclear Technical Services -----

Off-site Notification Coordinator -----

Off-site Notification Coordinator
(Dedicated Line to State(s) Rad. Health Section)---

Nuclear Engineering -----

"Red Phone" to NRC -----

State Representative -----

NRC -----

OTHER CRISIS MANAGEMENT CENTER PERSONNEL

Off-site Radiological Manager (Wachovia 1222) -----

State Representative(s) with Off-site Radiological Group (WC-1222)

Dose-Assessment - Dedicated Dose Assessment Line for TSC
Health Physics (WC-1222) -----

Administration and Logistics Staff (Wachovia Room 0925) -----

Design and Construction Staff (Electric Center 3-32) -----

Technical Services Support Staff (Wachovia 2390) -----

Nuclear Engineering Staff (Wachovia 1704) -----

NRC, States, and Counties (Wachovia 1488) -----

Senior Company Officer - Warren H. Owen -----
Austin C. Thies -----

NEWS CENTER

News media telephones (Electric Center auditorium) -----

Duke Power News Staff (Charlotte Supply Bldg. - 3rd Floor) -----

S. C. Public Information Officers (Charlotte Supply Bldg. - Room 215

(Dedicated line for Clover National Guard Armory - State PIO) -----

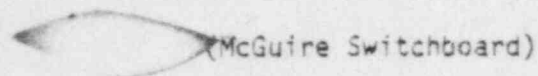
N. C. Public Information Officers (Charlotte Supply Bldg. - Room 215)

(Dedicated line for N. C. Air National Guard Armory - State PIO)-----

NRC Public Information Officer (Charlotte Supply Bldg. - Room 215) --

FEMA Public Information Officer (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

Outside Lines

CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE

CMIP - 11

COMMUNICATIONS TEST FOR THE
MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER

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
- 2.4 10CFR50.72(b)1(v)

3.0 LIMITS AND PRECAUTIONS

- 3.1 In the event the Emergency Notification System or the off-site notification system is not functional, notify the compliance section at the affected station or the Licensing Division in the General Office.

4.0 PROCEDURE

- 4.1 On a monthly basis, the System Emergency Planner 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 System Emergency Planner 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 System Emergency Planner 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.	Red Phone	____/____
WBCY*	_____	____/____

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. The WBCY telephone should be tested only in those months it has not been activated by the counties.

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:
373-7951.

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*	_____	_____/____
SERT (Charlotte Armory)	_____	_____/____
FEOC (Clover Armory)	_____	_____/____

* Use Selective Signaling System only.

CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE

CMIP-12

Communications Test for the
Oconee Crisis Management Center

Rev. 1
May 15, 1985

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.
- 2.4 10CFR50.72(b)1(v)

3.0 LIMITS AND PRECAUTIONS

- 3.1 In the event the Emergency Notification System or the off-site notification system is not functional, notify the Compliance Section at the station or the Licensing Division in the General Office.

4.0 PROCEDURE

- 4.1 On a monthly basis, the System Emergency Planner 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 System Emergency Planner or his designee shall contact Oconee Nuclear Station using the communications system identified in Enclosure 6.2.
- 4.3 On an annual basis, the System Emergency Planner 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 a call each month to the following location using the Red Phone.

<u>Location</u>	<u>Telephone Used</u>	<u>Initials/Date</u>
NRC Headquarters - Washington, D.C.	_____	_____/____

Enclosure 6.2

Quarterly Communications Test - Ocone CMC

Place a call to the following location using the "Ringdown" phone system:

Location

Initials/Date

Ocone Nuclear Station 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 Nuclear Station Control Room	_____/____
Oconee County EOC	_____/____
Pickens County EOC	_____/____
Oconee Nuclear Station TSC	_____/____
FEOC (Clemson Armory)	_____/____

CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE

CMIP - 13

QUARTERLY INVENTORY/COMMUNICATIONS EQUIPMENT CHECK

Rev. 12

May 15, 1985

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 System Emergency Planner 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 System Emergency Planner'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: _____

Deficiency Corrected: _____

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	To TSC Signal Sys. (later)	_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Off-site Radiological Support</u> WC-1222		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Administration & Logistics</u> WC-0925	(Green) phone	_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Design & Construction</u> EC-3-32	phone	_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
<u>Technical Services</u> WC-2390		_____	_____
		_____	_____

*Operationally check one phone per room at each quarterly inventory.

Attachment 5.2 (continued)

QUARTERLY INVENTORY/CHECK

COMMUNICATIONS EQUIPMENT

CATAWBA/MCGUIRE CMC/CNC

<u>Room</u>	<u>Telephone/ Radio/Headphones</u>	<u>Inplace?</u>	<u>Operational?*</u>
<u>Nuclear Engineering WC-1704</u>	w/speaker	_____	_____
		_____	_____
<u>NRC/State/ WC-1488</u>	w/speaker	_____	_____
<u>Counties</u>		_____	_____
		_____	_____
<u>News Staff</u>		_____	_____
<u>Charlotte Supply Building</u>		_____	_____
<u>3rd Floor</u>		_____	_____
		_____	_____
<u>S.C. News Staff</u>		_____	_____
<u>Charlotte Supply Building</u>		_____	_____
<u>Room 215</u>		_____	_____
		_____	_____
		_____	_____
<u>N.C. News Staff</u>		_____	_____
<u>Charlotte Supply Building</u>		_____	_____
<u>Room 215</u>		_____	_____
		_____	_____
		_____	_____
<u>NRC News Staff</u>		_____	_____
<u>Charlotte Supply Building</u>		_____	_____
<u>Room 215</u>		_____	_____
		_____	_____
<u>FEMA News Staff</u>		_____	_____
<u>Charlotte Supply Building</u>		_____	_____
<u>Room 215</u>		_____	_____
<u>Media Lines O. J. Miller</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>Recovery Manager/ Scheduling & Planning</u>		_____ _____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____ _____
<u>Nuclear Technical Services</u>		_____ _____ _____ _____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____ _____ _____ _____
<u>Nuclear Engineering/ Design & Construction</u>		_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
<u>Off-site Radiological Manager</u>		_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
<u>Administration & Logistics</u>		_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

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</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: _____

Deficiency Corrected: _____

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 Ruled Pads	<u>6 ea.</u>	_____
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: _____

Deficiency Corrected: _____

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 Ruled Pads	<u>12 ea.</u>	_____
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: _____

Deficiency Corrected: _____

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>	<u> </u>
Crisis Management Implementing Plans	<u>1</u>	<u> </u>
Oconee Emergency Plan	<u>1</u>	<u> </u>
Catawba Emergency Plan	<u>1</u>	<u> </u>
McGuire Emergency Plan	<u>1</u>	<u> </u>
Oconee Implementing Plan (B, C)	<u>1 each</u>	<u> </u>
McGuire/Catawba CMC Directory	<u>4</u>	<u> </u>
Oconee CMC Directory	<u>4</u>	<u> </u>
G.O. Directory	<u>4</u>	<u> </u>
McGuire 10 Mile Radius Wall Map*	<u>1</u>	<u> </u>
Oconee 10 Mile Radius Wall Map*	<u>1</u>	<u> </u>
Catawba EPZ Folding Map		
Oconee Preformed Wall Trending		
Graphs*	<u>1 set of 4</u>	<u> </u>
Blank Wall Trending Graphs*	<u>2 sets of 2</u>	<u> </u>
Scheduling/Planning Manager's Kit	<u>1</u>	<u> </u>
McG/Cat Preformed Trending		
Graphs*	<u>2 sets of 4</u>	<u> </u>
INPO Emergency Resources Manual	<u>1</u>	<u> </u>

*Located in Room WC1073

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>
Arm Bands	<u>1 set</u>	<u> </u>

Inventory Performed By:

Date:

Deficiency Corrected:

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>
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:

Deficiency Corrected:

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 (B, C)	<u>1 each</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>
Crisis Management Plan	<u>1</u>	<u> </u>
Crisis Management Implementing Plans	<u>1</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>	<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:

Deficiency Corrected:

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>
Oconeec Emergency Plan	<u>1</u>	<u> </u>
Oconeec Implementing Plan (B, C)	<u>1 each</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>
Oconeec CMC Directory	<u>1</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:

Deficiency Corrected:

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>	<u> </u>
Dose Calculation and Reporting Forms	<u>15</u>	<u> </u>
RIA/EMF Descriptions And Correlations For Each Station	<u>1</u>	<u> </u>
Portable Battery Operated Calculator	<u>1</u>	<u> </u>
Off-site Dose Calculation Manual	<u>1</u>	<u> </u>
Reg. Guide 1.4 - Release Factors	<u>1</u>	<u> </u>
Site Specific Info. (Containment Volume, Core F.P. Inventory)	<u>1</u>	<u> </u>
10 mile radius map - Ocone	<u>1</u>	<u> </u>
10 mile radius map - McGuire (Maps to include monitoring points, regular environmental sampling sites, evacuation zones)	<u>1</u>	<u> </u>
Plume Shape Overlays For Maps	<u>1 set</u>	<u> </u>
Pencils	<u>5</u>	<u> </u>
Pens	<u>5</u>	<u> </u>
Pads of Paper	<u>5</u>	<u> </u>
18" Ruler	<u>1</u>	<u> </u>
Stapler	<u>1</u>	<u> </u>
Radiological Health Handbook	<u>1</u>	<u> </u>
G.O. Phone Directory	<u>1</u>	<u> </u>
Form 34966	<u>10</u>	<u> </u>
Catawba Folding Map	<u>2</u>	<u> </u>

Inventory Performed By:
Date:
Deficiency Corrected: |

CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE
CMIP-15

"Transmission of Followup Emergency Information To
Off-site Agencies - Oconee Nuclear Station"

Rev. 4
May 15, 1985

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 Nuclear Engineering 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 Implementing Procedure CMIP-9.
- 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 System Emergency Planner 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

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. General:

1. Complete Part 1 for the Initial Warning Message.
2. Complete Parts 1 & 2 for follow-up messages concerning ongoing incidents.
3. Complete Part 1 (Partially) and Part 3 (Completely) for termination messages.
4. Record the Warning Points and/or persons notified in the space provided on the rear of this form.

PART 1 INITIAL WARNING MESSAGE

1. Date: _____ Time: _____ am
_____ pm

2. Record Senders information in the space below:

This is (Facility's Name): _____ concerning Unit # _____

My name is: _____ Telephone: _____

This message (Number _____):

- _____ (a) Reports a real emergency.
- _____ (b) Reports the change in the class of a real emergency.
- _____ (c) Reports the termination of a real emergency
- _____ (d) Is an exercise message.

3. Message Authentication

The person receiving the message can authenticate the message by asking for the codeword to correspond to any random number chosen from the codeword list provided by the Division of Emergency Management or by calling the reporting nuclear plant using the appropriate telephone number provided on the Authentication Code List.

Message Receiver: Authenticate _____
(Number)

Message Sender: I authenticate _____ as _____
(Number) (Codeword)

(a) IF A TERMINATION MESSAGE. GO TO PART 3

4. The class of emergency is:

- _____ (a) Notification of Unusual Event
- _____ (b) Alert
- _____ (c) Site Area Emergency
- _____ (d) General Emergency

5. This classification of emergency was declared at: _____ am
_____ pm on _____ (date)

6. The initiating event causing the emergency classification is: _____

7. 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 the release of radioactive materials.

8. The following protective actions are recommended:

- _____ (a) No protective action is recommended at this time.
- _____ (b) People living in zones _____ remain indoors with the doors and windows closed, turn off air conditioners and other ventilation, monitor EBS stations.
- _____ (c) People living in zones _____ evacuate their homes and businesses and go to a designated shelter.
- _____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed, turn off air conditioners and other ventilation, and monitor EBS stations.
- _____ (e) Pregnant women and children in zones _____ evacuate and go to a designated shelter.
- _____ (f) Other recommendations: _____

9. I repeat, this message:

- _____ (a) Reports a real emergency.
- _____ (b) Reports a change in the classification of a real emergency.
- _____ (c) Is an exercise message.

10. Do you have any questions?

11. RELAY THIS INFORMATION TO THE PERSONS LISTED IN YOUR ALERT PROCEDURES WHO MUST BE NOTIFIED OF INCIDENTS AT A NUCLEAR FACILITIES.

PART 2 FOLLOW-UP MESSAGE(S)

1. Plant Status:

Reactor (a) _____ is not tripped/ _____ was tripped at (Time): _____ am
_____ pm

Plant is at: (a) _____ % power (c) _____ hot shutdown
(b) _____ cold shutdown (d) _____ cooling down

Prognosis is: (a) _____ stable (c) _____ degrading
(b) _____ improving (d) _____ unknown

2. Emergency actions underway at the facility include: _____

3. Onsite support needed from offsite organizations: _____

4. Dose Projection Data

Windspeed: _____ mph

Wind Direction: From _____

Precipitation: _____

Release Type: (a) _____ Ground/ (b) _____ Elevated
Stability Class: _____ (A,B,C,D,E,F, or G)

Weighted Dose Conversion Factor: (a) _____ (R/hr)(Ci/m³)
(whole body)
(b) _____ (R/hr)(Ci/m³)
(Child Thyroid)

Radiological Release: Noble Gas Equivalent

(a) _____ curies or (b) _____ curies/sec.

Iodine Equivalent

(a) _____ curies or (b) _____ curies/sec.

5. The type of actual or projected release is:

_____ (a) Airborne _____ (b) Waterborne
_____ (c) Surface Spill _____ (d) Other _____
_____ (e) No release is in progress or expected at this time (Skip Items 6, 7 & 8)

6. Release (a) _____ will begin/ (b) _____ began at: _____ am
_____ pm

7. The estimated duration of the release is _____ hours.

8. The source and description of the release is: _____

PART 2 FOLLOW-UP MESSAGE(S) Continued

9. 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
Based on _____ hours of release

Whole Body	Child Thyroid

10. Field measurement of dose rate (mr/hr) or contamination (X) (if available):

Time	Zone	Distance from Plant	Direction from Plant	Whole Body	Child Thyroid

11. I repeat, this message:

- _____ (a) Reports a real emergency.
_____ (b) Reports a change in the class of a real emergency.
_____ (c) Is an exercise message.

12. Do you have any questions?

*****END OF FOLLOW-UP MESSAGE(S)*****

PART 3 TERMINATION MESSAGE

1. The event was terminated at _____ ^{_____}am
(Time) _{_____}pm on _____
(Date)

2. The event at the plant was terminated for the following reason(s): _____
- _____
- _____
- _____
- _____

*****END OF TERMINATION MESSAGE*****

PERSONS and/or WARNING POINTS ALERTED

Message Senders: Record the name, title, date, time and warning point notified.

Message Receivers: Record the name, title, date, time and persons notified per alert procedure.

1.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____
2.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____
3.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____
4.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____
5.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____
6.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____
7.	(name) _____	(title) _____
	(date) _____ (time) _____	_____ am _____ pm _____ (warning point) _____

*****FOR UTILITY USE ONLY*****

Release of this message approved by: _____ at: _____ am _____ pm _____
(Name) (Time) (Date)

CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE
CMIP-16

"Transmission of Followup Emergency Information to
Off-site Agencies - McGuire and Catawba Nuclear Stations"

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 393-9221, 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 (373-6265) 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 the 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.

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. General:

1. Complete Part 1 for the Initial Warning Message.
2. Complete Parts 1 & 2 for follow-up messages concerning ongoing incidents.
3. Complete Part 1 (Partially) and Part 3 (Completely) for termination messages.
4. Record the Warning Points and/or persons notified in the space provided on the rear of this form.

PART 1 INITIAL WARNING MESSAGE

1. Date: _____ Time: _____ am
_____ pm

2. Record Senders information in the space below:

This is (Facility's Name): _____ concerning Unit # _____

My name is: _____ Telephone: _____

This message (Number _____):

- _____ (a) Reports a real emergency.
- _____ (b) Reports the change in the class of a real emergency.
- _____ (c) Reports the termination of a real emergency
- _____ (d) Is an exercise message.

3. Message Authentication

The person receiving the message can authenticate the message by asking for the codeword to correspond to any random number chosen from the codeword list provided by the Division of Emergency Management or by calling the reporting nuclear plant using the appropriate telephone number provided on the Authentication Code List.

Message Receiver: Authenticate _____
(Number)

Message Sender: I authenticate _____ as _____
(Number) (Codeword)

(a) IF A TERMINATION MESSAGE. GO TO PART 3

4. The class of emergency is:

- _____ (a) Notification of Unusual Event
- _____ (b) Alert
- _____ (c) Site Area Emergency
- _____ (d) General Emergency

5. This classification of emergency was declared at: _____ am
_____ pm on _____ (date)

6. The initiating event causing the emergency classification is: _____

7. 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 the release of radioactive materials.

8. The following protective actions are recommended:

- _____ (a) No protective action is recommended at this time.
- _____ (b) People living in zones _____ remain indoors with the doors and windows closed, turn off air conditioners and other ventilation, monitor EBS stations.
- _____ (c) People living in zones _____ evacuate their homes and businesses and go to a designated shelter.
- _____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed, turn off air conditioners and other ventilation, and monitor EBS stations.
- _____ (e) Pregnant women and children in zones _____ evacuate and go to a designated shelter.
- _____ (f) Other recommendations: _____

9. I repeat, this message:

- _____ (a) Reports a real emergency.
- _____ (b) Reports a change in the classification of a real emergency.
- _____ (c) Is an exercise message.

10. Do you have any questions?

11. RELAY THIS INFORMATION TO THE PERSONS LISTED IN YOUR ALERT PROCEDURES WHO MUST BE NOTIFIED OF INCIDENTS AT A NUCLEAR FACILITIES.

PART 2 FOLLOW-UP MESSAGE(S)

1. Plant Status:

Reactor (a) _____ is not tripped/ _____ was tripped at (Time): _____ am
_____ pm

Plant is at: (a) _____ % power (c) _____ hot shutdown
(b) _____ cold shutdown (d) _____ cooling down

Prognosis is: (a) _____ stable (c) _____ degrading
(b) _____ improving (d) _____ unknown

2. Emergency actions underway at the facility include: _____

3. Onsite support needed from offsite organizations: _____

4. Dose Projection Data

Windspeed: _____ mph

Wind Direction: From _____

Precipitation: _____

Release Type: (a) _____ Ground/ (b) _____ Elevated
Stability Class: _____ (A,B,C,D,E,F, or G)

Weighted Dose Conversion Factor: (a) _____ (R/hr)(Ci/m³)
(whole body)
(b) _____ (R/hr)(Ci/m³)
(Child Thyroid)

Radiological Release: Noble Gas Equivalent

(a) _____ curies or (b) _____ curies/sec.

Iodine Equivalent

(a) _____ curies or (b) _____ curies/sec.

5. The type of actual or projected release is:

_____ (a) Airborne _____ (b) Waterborne
_____ (c) Surface Spill _____ (d) Other _____
_____ (e) No release is in progress or expected at this time (Skip Items 6, 7 & 8)

6. Release (a) _____ will begin/ (b) _____ began at: _____ am
_____ pm

7. The estimated duration of the release is _____ hours.

8. The source and description of the release is: _____

PART 2 FOLLOW-UP MESSAGE(S) Continued

9. 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
Based on _____ hours of release

Whole Body	Child Thyroid

10. Field measurement of dose rate (mr/hr) or contamination (X) (if available):

Time	Zone	Distance from Plant	Direction from Plant	Whole Body	Child Thyroid

11. I repeat, this message:

- _____ (a) Reports a real emergency.
_____ (b) Reports a change in the class of a real emergency.
_____ (c) Is an exercise message.

12. Do you have any questions?

*******END OF FOLLOW-UP MESSAGE(S)*******

PART 3 TERMINATION MESSAGE

1. The event was terminated at _____ ^{am} on _____
(Time) _{pm} (Date)

2. The event at the plant was terminated for the following reason(s): _____

*******END OF TERMINATION MESSAGE*******

PERSONS and/or WARNING POINTS ALERTED

Message Senders: Record the name, title, date, time and warning point notified.

Message Receivers: Record the name, title, date, time and persons notified per alert procedure.

1.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	
2.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	
3.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	
4.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	
5.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	
6.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	
7.	(name) _____		(title) _____
	(date) _____	(time) _____	(warning point) _____
		____ am ____ pm	

*****FOR UTILITY USE ONLY*****

Release of this message approved by: _____ at: _____
(Name) (Time) (Date)

CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE
CMIP-17

"Environmental Monitoring for Emergency Conditions
Within the Ten Mile Radius of McGuire Nuclear Station"

Rev. 12
May 15, 1985

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

Harold McCullough

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

Scott Ledford

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

	<u>Home</u>	<u>Office</u>
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 *for Tom McConnell*

REV. 10 DATE 2/6/85

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 dpm/100cm² $\beta\gamma$, > 20 dpm/100cm² 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 and within the plume a minimum amount of time.
- 3.8 During a drill use the statement "This is a drill, this is a drill" at the beginning of each radio transmission.

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.

- 4.1.1 Survey teams shall use their normal low range dosimetry provided for Radiation Control Area Access.

- 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.

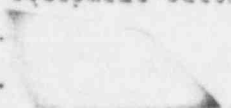

- 4.2.18 Map of Ten Mile Zone Sectors.
- 4.3 In addition to the items above at least one team shall be equipped with a SAM-2 with a RD-22 probe (or equivalent) for Iodine analysis.
- 4.4 Emergency environmental survey teams shall obtain keys to their respective vehicles at the South PAP, and before leaving 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:

ALPHA - 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 - 
CMC - 

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.

$$D \text{ } \mu\text{Ci}/\text{m}^2 = \text{ccpm} \times 0.002$$

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"

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 J.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.

- 163 - Duke Power substation at the intersection of Hambright Road and McCoy Road (State Road #2138).
- 164 - Power pole at the intersection of Beattles 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 #1311 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, Car Lake.

B. Directions to sampling locations:

NOTE: Contact Security at Ext. to open all O.C. (Owner Controlled Gates).

- 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 \approx 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.

- 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 _____

*Met. Data: Wind Speed _____ MPH;

Survey Instruments: Type _____;
Type _____;

*Route - Airborne Check Point (APC)

APC Leg From _____ to _____

Description: From _____
To _____

Survey Criteria: Interval _____ Sec.; Air Speed _____ MPH
Altitude _____ ft.

Page _____ of _____

Date _____
Helicopter I.D. _____

Wind Direction: From _____°; Azimuth _____° to _____°

I.D. Number _____

I.D. Number _____

*Route - Airborne Check Point (ACP)

ACP Leg From _____ to _____

Description: From _____
To _____

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
IMPLEMENTING PROCEDURE

CMIP - 18

"Environmental Monitoring for Emergency Conditions
Within the Ten Mile Radius of Oconee Nuclear Station"

Rev. 7
May 15, 1985

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

Form 34731 (10-81)
(Formerly SPD-1002-1)

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 Nuclear
- (3) PROCEDURE TITLE: Procedure For Environmental Surveillance Following
A Large Unplanned Release Of Gaseous Radioactivity
- (4) PREPARED BY: Wm. W. Lantz DATE: 27 November 1984
- (5) REVIEWED BY: Leff Berger DATE: 11/27/84
Cross-Disciplinary Review By: Sarah Coy 12/6/84 N/R: LS
- (6) TEMPORARY APPROVAL (IF NECESSARY):
By: _____ (SRO) Date: _____
By: _____ Date: _____
- (7) APPROVED BY: J. A. Barr Date: 1/8/85
- (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 Dose Assessment Coordinator (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 the Chemistry Section Manual.
- 2.4 Upon notification of a gaseous release, team members shall read dosimetry periodically and update dose cards every 30 minutes.
- 2.5 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.
- 2.6 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.
- 2.7 Environmental sampling during emergency conditions shall not replace, but rather supplement normal environmental monitoring.
- 2.8 The multichannel analyzers (MCA) shall be calibrated and source checked monthly. The MCA shall also be source checked prior to field use.
- 2.9 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).

- 2.10 An inventory of the emergency kits shall be conducted quarterly to ensure that all items needed are readily available (CP/O/B/4003/06).
- 2.11 Personnel shall adhere to all company safety rules regarding driving of vehicles or boats.
- 2.12 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 Dose Assessment Coordinator 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"	Maintenance Vehicle #7770 (1979 Ford Pickup-Blue)
"Delta"	Maintenance Vehicle #8134 (1980 Ford Pickup-White)
"Echo"	Administrative Vehicle #9971 (1983 Ford Station Wagon-Brown)
"Foxtrot"	Administrative Vehicle #55 (1984 Ford Station Wagon-Blue)
	Administrative Vehicle #0823 (1984 Chevy Blazer)

*Pool of transportation - vehicles not limited to specific teams.

- 3.3 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 Chemistry Section Manual 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 Dose Assessment Coordinator 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.
 - 3.4.2.7 The FMC shall ensure that team members are updated periodically about the status of the plant and the emergency.

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 5.1 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 5.2 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 5.3 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 (MCA)

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 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 MCA's 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 5.1) 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 PIC 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 5.6) 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 5.7 to ascertain sample time [based on the calibrated flow rate (CFM) of the Air

Sampler] for obtaining a minimum sample volume ($> 10^5$ 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 5.8, Column "A", "B", and "C", respectively. Calculate the sample volume in milli-liters (must be $> 10^5$ ml) as follows:

$$\text{Sample Volume (ml)} = \text{Calibrated Flow Rate (CFM)} \times \text{Sample Run Time (min)} \times 2.83 \times 10^{-4} \text{ ml/ft}^3$$

Record Sample Volume (ml) on Enclosure 5.8, 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 5.8, Column "E".
- 3.4.4.4.5 Calculate ^{131}I Activity ($\mu\text{Ci/ml}$) as directed in Enclosure 5.8 and record under Column "I".
- 3.4.4.4.6 Report results of ^{131}I measurement (Column "I", Enclosure 5.8) 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 5.5.
- 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 5.6 and 5.8) 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/0/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/0/B/4003/03, Emergency Radio System Operations, Maintenance and Communications.
- 4.3 Procedure CP/0/B/4003/04, Operation of The ND-6, Portable Multichannel Analyzer
- 4.4 Procedure CP/0/B/4003/05, Energy Calibration and Efficiency Determination For the ND-6
- 4.5 Procedure CP/0/B/4003/06, Inventory, Calibrations and Operational Verification of Emergency Equipment.

5.0 Enclosures

- 5.1 Predetermined Sampling Locations by Sector and Distance from ONS
- 5.2 Procurement of Helicopter(s) for Emergency Environmental Surveillance.
- 5.3 Radio Operator's Log
- 5.4 Helicopter Survey Results

- 5.5 Air Sampler and TLD Locations for Normal Environmental Monitoring Program.
- 5.6 Field Monitoring Data Sheet for Dose Rate Measurements.
- 5.7 Sample Time Required For Minimum Sample Volume.
- 5.8 Field Monitoring Team Work Sheet for Determining ^{131}I Activity.

ENCLOSURE 5.1
 PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

Sampling Sector	Sampling Location	Responsible Team	Radius from ONS (Mi)	Description of Sampling Locations
H	A-1	E	1	Lake Keowee - Midlake due west of Warpath Access Area
H	A-2	B or E	3	Gap Hill Landing
H	A-3	E	3	West Shoreline of Lake Keowee from Gap Hill Landing
H	A-4	E	5	East Shoreline of Lake Keowee - Due East from Crow Creek Island
H	A-5	E	5	Midlake at Crow Creek Island
H	A-6	C or E	5	Old Town Landing
H	A-7	D	10	Keowee Taxway State Park
H	A-8	D or E	9	Hwy 11 Bridge over Lake Keowee
HNE	B-1	A or E	1	Warpath Access Area
HNE	B-2	B	3	Junction of Hwy 157 (Gap Hill Rd) and 500 KV Transmission Line
HNE	B-3	B	3	Lake Hill Access Campground - Hwy 157 (Gap Hill Rd)
HNE	B-4	C	5	Junction of Hwy 133 & 327
HNE	B-5	C	5	Hwy 327, Keowee Church
HNE	B-6	D	9	Junction of Hwy 133 & 49 (Shady Grove Church)
NE	C-1	A	1	Hwy 183, 1 mile W 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 W of Keowee Hydro Station Tailrace Bridge & Keowee Cabins
ENE	D-2	B	3	Junction of Hwy 157 (Gap Shoals Rd.) and Shadydale Circle
ENE	D-3	C	5	Junction of Hwy 137 and Belle Shoals Rd

ENCLOSURE 5.1 (Cont.)
 PREDETERMINED SAMPLING LOCATIONS BY SECTOR AND DISTANCE FROM ONS

Sampling Sector	Sampling Location	Responsible Team	Radius from ONS (Mi)	Description of Sampling Locations
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 (Haw Bridge Rd)
E	E-6	C	5	Junction of Hwy 337 & Camp Creek Rd
E	E-7	D	10	Molly Springs Church on Hwy 222
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 (Haw 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 (Morris, 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 5.1 (Cont.)
 PREDETERMINED SAMPLING LOCATIONS BY SECTION AND DISTANCE FROM OMS

Sampling Sector	Sampling Location	Responsible Team	Radius from OMS (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-Romary 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 170 & 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 Mills)
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 5.1 (Cont.)
 PREDETERMINED SAMPLING LOCATIONS BY SECTION AND DISTANCE FROM OMS

Sampling Sector	Sampling Location	Responsible Team	Radius from OMS (Mi)	Description of Sampling Locations
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 Co. 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 OMS 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
WSW	N-1	E	1	Midlake, due west of Connecting Canal Bridge in Lake Keowee
WSW	N-2	A	3	Junction of Hwy 183 & 201
WSW	N-3	A	3	Junction of Hwy 201 & 92
WSW	N-4	B	5	Junction of Hwy 40 & 46
WSW	N-5	B	5	Little River Bridge on Hwy 132
WSW	N-6	C	9	Pickett Post @ Hwy 11
WSW	N-7	C	9	Junction of Hwy 11 and 94

ENCLOSURE 5.1 (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 5.2

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

FIELD MONITORING SURVEY DATA

Statistical

FMC

Radio Operator

[illegible]

ENCLOS. 14
AIRBORNE RADIATION MONITORING DATA SHEET
HELICOPTER SURVEY RESULTS

STATION _____
 *PMC _____
 PILOT _____

PAGE ____ OF ____

DATE _____

*MET. DATA: WIND SPEED _____ MPH; WIND DIRECTION: FROM _____°; AZIMUTH _____° to _____°
 SURVEY INSTRUMENTS: TYPE _____; I.D. NUMBER _____
 TYPE _____; I.D. NUMBER _____

HELICOPTER I.D. _____

*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		
15	30	45		

ENCLOSURE 5.5
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 (0.6 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 Nile Creek Landing (4.0 miles W)
037 Keowee Church, Hwy. 327 (4.5 miles NNE)
038 Nauldin'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 Isaquena 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 ~ 1/2 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 - Pichens (12.0 miles ENE)

ENCLOSURE 5.5 (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 Gronee 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 5.6

FIELD MONITORING DATA SHEET FOR DOSE RATE MEASUREMENTS

Date _____ Team Members/Call Sign _____ / _____ Eberline E-120 No. _____

PIC 6A No. _____

[illegible]

ENCLOSURE 5.7

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

ENCLOSURE 5.8
FIELD MONITORING TEAM WORK SHEET FOR DETERMINING ¹³¹I ACTIVITY

Team Members/Call Sign* _____ / _____ Date _____ RADCO Air Sampler No. _____ ND-6 No. _____

DETERMINATION OF AIR SAMPLE VOLUME(ml)

Column A Sample* No./Time/Location	Column B Air Sampler Run Time (min)	Column C Cal. Flow Rate (CFM)	Column D $\times 2.83 \times 10^4 \frac{\text{ml}}{\text{ft}^3}$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$
____/____/____	_____	_____	$\times 2.83 \times 10^4$

DETERMINATION OF ¹³¹I ACTIVITY

Column E ND-6 CPM	Column F Eff. of ND-6	Column G $\times 4.728 \times 10^{-7}$	Column H Air Sample Volume (ml)	Column I ¹³¹ I Activity * μCi/ml ²
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____
_____	_____	$\times 4.728 \times 10^{-7}$	_____	_____

Column B) Length of time the air sampler ran in minutes, see Enclosure 5.7 for sample time for minimum sample volume.

Column C) Calibrated flow rate for GY-130 filter cartridge written on the calibration sticker (Do NOT USE THE METER FLOW RATE).

Column D) $2.83 \times 10^4 \text{ ml/ft}^3$ = Conversion factor, ft^3 to ml.

Column E) ND-6 cpm = [net counts under ¹³¹I curve] ÷ 5 (number of minutes samples are counted with ND-6).

Column F) ND-6 Efficiency = the efficiency value from the curve at 364 KeV posted on the inside lid of the ND-6 abundance of the ¹³¹I gamma).

Column G) 4.728×10^{-7} = Accounts for both the ¹³¹I filtering efficiency of the silver zeolite cartridge (.95) and the conversion factor for converting dpm to μCi ($4.505 \times 10^{-7} \text{ μCi/dpm}$).

Column H) The product of (B x C x D), must be $\geq 1 \times 10^6 \text{ ml}$ to be an adequate sample as per Enclosure 5.7.

*Items reported to the FHC by radio. (Column A and Column I).

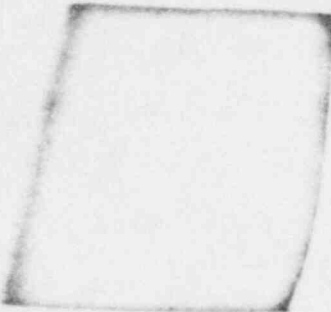
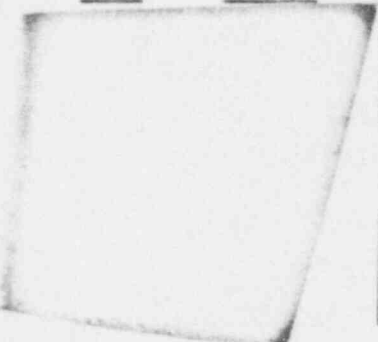
CRISIS MANAGEMENT
IMPLEMENTING PROCEDURE


CMIP-19

"Environmental Monitoring for Emergency Conditions
Within Ten Mile Radius of Catawba Nuclear Station"

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 at *  from outside lines thru the station operator at

DUKE POWER COMPANY
PROCEDURE PREPARATION
PROCESS RECORD

(1) ID No: HP/0/8/1009/04
Change(s) 0 to
07 Incorporated
2-14-85

(2) STATION: Catawba Nuclear Station

(3) PROCEDURE TITLE: Environmental Monitoring For Emergency Conditions Within
The Ten Mile Radius Of Catawba Nuclear Station

(4) PREPARED BY: Budd T. Madsen DATE: 2-11-85

(5) REVIEWED BY: Fletcher Wilson DATE: 2-11-85

Cross-Disciplinary Review By: _____ N/R: F. Wilson

(6) TEMPORARY APPROVAL (IF NECESSARY):

By: _____ (SRO) Date: _____

By: _____ Date: _____

(7) APPROVED BY: J. L. [Signature] Date: 2/12/85

(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 E140N 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 and use vehicle emergency flashers while stopped.
- 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 (6.1×10^{-7} $\mu\text{Ci/ml}$), 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 Minimum labeling requirements for all samples are as follows:
- 3.6.1 Date and time.
 - 3.6.2 Location.
 - 3.6.3 Volume of the sample (if applicable).
 - 3.6.4 Name of person sampling.
- 3.7 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 ~~(Lake Wylie/Charlotte),~~ (Gaston County), (Rock Hill and Fort Mill).
- 3.8 If any equipment becomes inoperable, notify the FMC and wait for further instructions.
- 3.9 Annual training in the use of this procedure and the associated equipment and instrumentation shall be conducted and documented on TSR-10.
- 3.10 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.

- 3.11 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) if applicable.
 - 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 5.9.
 - 4.1.1.9 Each FMT will proceed to the survey point assigned by the FMC (Enclosure 5.3).
 - 4.1.1.10 The radio operator in the TSC shall complete Radio Operators Log Field Monitoring Data Sheet (Enclosure 5.4), with the appropriate information.

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 5.5).
- 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 5.6.
 - 4.2.3.4 Place the generator and air sampler in a safe
location (i.e. away from wet areas and off the
roadway) ensuring the sampler is approximately
two feet above the ground or higher and begin
sampling.
 - 4.2.3.5 When air sample is completed, place the Silver
Zeolite Cartridge in a poly bag for analysis.
 - 4.2.3.6 Place filter in a separate poly bag and label.
 - 4.2.3.7 As directed by the FMC, transport the completed
sample to a vehicle that is carrying a Canberra
Series - 10 Portable MCA for analysis per
Reference 2.9.
 - 4.2.3.8 Ensure the correct information is annotated on
the Field Monitoring Team Work Sheet for
Determining Iodine Activity (Enclosure 5.7).
 - 4.2.3.9 Wait for further instructions from the FMC.
- 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 5.5). 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 label and retain for later analysis (Reference 2.12).

- 4.3.7.1 Cut vegetation in a one square meter area approximately two inches above the ground.

NOTE: Vegetation which leaves are not in the shape of needles, i.e. pine or spruce needles.

- 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 on the status of the following:
 - 4.4.2.1 Radiation surveys and dose rates in the plume area.
 - 4.4.2.2 Kit Inventory consumed.
 - 4.4.2.3 Equipment operating status.
 - 4.4.2.4 Any sampling problems.
 - 4.4.2.5 Plant status information.
- 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 Radio Operators Log Field Monitoring Survey Data
- 5.5 Sample of Field Monitoring Data Sheet
- 5.6 Sample Time Required For Minimum Sample Volume
- 5.7 Sample of Field Monitoring Team Work Sheet For Determining Iodine Activity
- 5.8 TSC Field Monitoring Organization
- 5.9 Emergency Vehicles

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
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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
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 ENCLOSURE 5.1

AIR SAMPLER, TLD. AND WATER SAMPLE LOCATIONS

<u>Zone</u>	<u>& 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

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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
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 ENCLOSURE 5.1

AIR SAMPLER, TLD, AND WATER SAMPLE LOCATIONS

<u>Zone</u>	<u>& Radius (Mi)</u>	<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</u>	<u>& Radius (Mi)</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 55 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. Gallant 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
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 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
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 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
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 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/0/2/1009/04
 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
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 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).
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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.

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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).
A2	10	1	Hwy 49-N, stop one mile past Westinghouse Blvd. at Roberts Systems 8500 on left.
A3	10	1	Hwy 49-N, right Carowinds Blvd. (1441), left Hwy 51 to Pineville, stop near Sugar Creek bridge.
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.

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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. to f St. TLD at Fort Mill Municipal Water supply on right behind Springs Mill. 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.

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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.
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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 on Rawlinson Rd., left Hwy 5, right on Heckle Blvd. (901) to end, left on Hwy 72, right on dirt road across from Wayne's Auto Service. Go to Duke Power Company substation (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).

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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).

Page ____ of ____
Station ____

Date _____
FNC _____
Radio Operator _____

[illegible]

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
HP/0/8/1009/04
ENCLOSURE 5.5
FIELD MONITORING DATA SHEET

Sample Location

Time Survey Taken

Dose Rate (mR/hr)

Smear
Activity (CCPM)This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. A faint vertical crease or fold line is present down the center of the page. The paper appears to be from a notebook or a standard ruled sheet.

DUKE POWER COMPANY
 CATAWBA NUCLEAR STATION
 HP/O/B/1009/04

ENCLOSURE 5.6

SAMPLE TIME REQUIRED FOR MINIMUM SAMPLE VOLUME

FLOW RATE

MINIMUM REQUIRED SAMPLING TIME IN MINUTES

CFM	LPM	
.5	= 14	71
1.0	= 28	36
1.5	= 42	24
2.0	= 56	18
2.5	= 70	15
3.0	= 84	12
3.5	= 99	11
4.0	= 113	9
4.5	= 127	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. The LPM are rounded off to the conservative side.

Example: Air Sampler flow rate = 106 LPM. Minimum time 11 minutes

DUKE POWER COMPANY
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ENCLOSURE 5.7

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FIELD MONITORING TEAM WORK SHEET FOR DETERMINING IODINE ACTIVITY

Team Members _____ Date _____ Air Sampler No. _____
Team Call Sign _____ Canberra No. _____

AIR SAMPLE INFORMATION

ANALYSIS RESULTS

A Sample ID. No./Time/Location	B Air Sampler Run Time (Min)	C Flow Rate (LPM)	D Iodine Activity Microcuries/ml	E Dose Rate mrem/hr	F Results Reported By:
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
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____/____/____	_____	_____	_____	_____	_____
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____/____/____	_____	_____	_____	_____	_____
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____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____
____/____/____	_____	_____	_____	_____	_____

Column A) Number of Sample/Time it was Taken/Sampling Location (ex. AO-2-10).
Column B) Length of time the air sampler ran.
Column C) Air sampler meter flow rate.
Column D) Activity from Canberra.
Column E) Dose rate from Canberra.
Column F) Signature of person that calls in results to FMC.

DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
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ENCLOSURE 5.7
OPERATOR GUIDELINES

Page 2 of 2

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/0/8/1009/04
ENCLOSURE 5.8
TSC FIELD MONITORING ORGANIZATION

<u>POSITION</u>	<u>NAME</u>	<u>BUSINESS PHONE</u>	<u>HOME PHONE</u>
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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
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ENCLOSURE 5.9
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.