DUKE POWER COMPANY

CRISIS MANAGEMENT PLAN

IMPLEMENTING PLANS

X005 1/1

Jan. 31, 1984

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DOSE ASSESSMENT
IMPLEMENTING PROCEDURES MANUAL

April 30, 1984

MNS	HP/O/B/1009/09	Release of Radioactive Materials Through the Unit Vent
MNS	HP/O/B/1009/10	Release of Liquid Radioactive Materials Exceeding Technical Specifications
ONS	AP/O/B/1000/07	Procedure for Offsite Dose Calculations by Control Room Personnel or Emergency Coordinator During a LOCA
ONS	HP/O/B/1009/10	Procedure for Quantifying Gaseous Releases Through Steam Relief Valves Under Post-Accident Conditions
ONS	HP/O/B/1009/11	Projection of Offsite Dose From the Uncontrolled Release of Radioactive Materials Through a Unit Vent
ONS	HP/O/B/1009/14	Projection of Offsite Dose From Releases Other Than Through the Unit Vent
5.3.19		Procedure for Estimating Food Chain Dose under Post-Accident Conditions

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NOTE: "A" Manuals include procedures/plans 5.3.1-5.3.18 and 5.3.20.
"B" Manuals include dose assessment procedures including 5.3.19.

April 30, 1984

5.3.1

Recovery Manager & Immediate Staff Group Plan

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

Rev. 5 2/28/83; Rev. 6 6/15/83; Rev. 7 1/31/84; Rev. 8 4/30/84

Recovery Manager and Immediate Staff Group Plan

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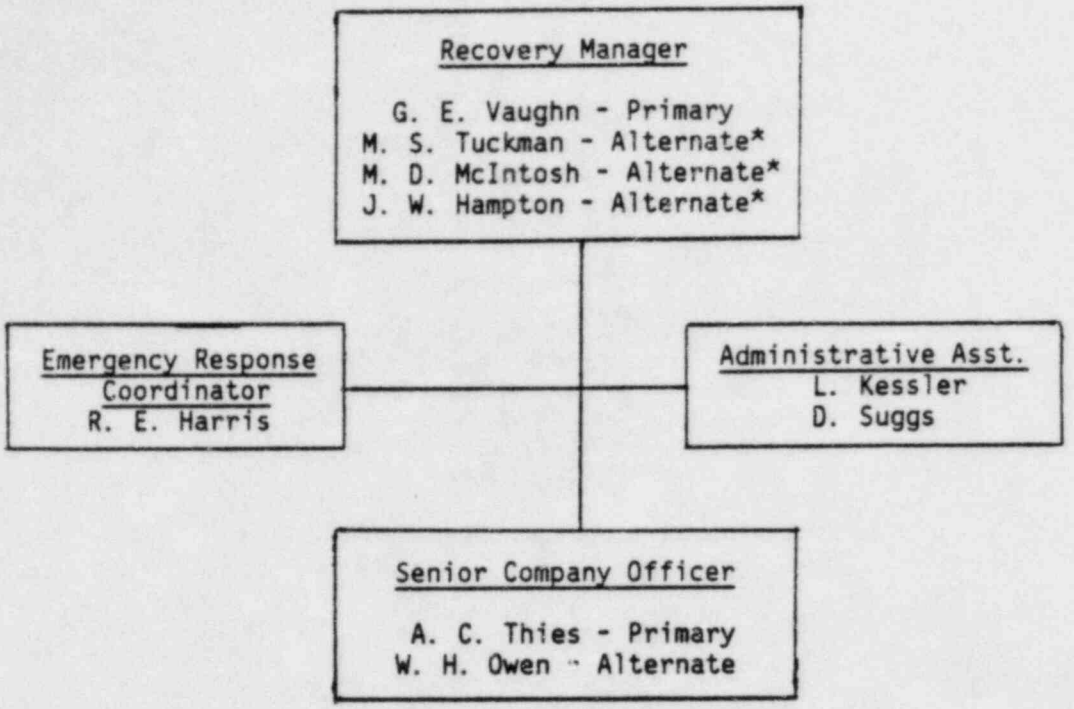
I. SCOPE

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

II. RECOVERY MANAGER AND IMMEDIATE STAFF ORGANIZATION



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

III. FUNCTIONAL RESPONSIBILITIES

A. Recovery Manager

Reports to: Vice President - Nuclear Production Department

Supervises: Immediate Staff and All Functional Managers

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

Primary Responsibilities:

1. Establish a direct line of communications with the Station Manager/Emergency Coordinator to be able to provide input and assistance to the station.

2. To direct the functional area managers in necessary tasks to be performed for resolution of the situation.

3. To provide a Duke Power Company management link for coordination with the NRC and other federal agencies.

4. To provide a means for management review and approval of recommended actions to resolve emergency situations.

5. To make recommendations to offsite agencies for public protective actions.

Principal Working Relationships:

1. Station Manager for status updates, system operation, and other necessary information.

2. Function Managers for distribution of work tasks.

3. NRC and other federal agencies for consultation and recommendations.

4. State and local officials for making public protective action recommendations.

B. Emergency Response Coordinator

Reports to: Recovery Manager

Supervises:

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

Primary Responsibilities:

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

Principal Working Relationships:

1. Recovery Manager for Emergency Plan considerations

2. Functional Managers/Administrative Assistant for work tasks

3. NRC for Emergency Plan considerations

C. Recovery Manager's Administrative Assistant

Reports to: Recovery Manager

Supervises:

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

Primary Responsibilities:

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

Principal Working Relationships:

1. Recovery Manager for work tasks

2. Functional Manager/Emergency Response Coordinator for resolution of tasks

D. Senior Company Officer

Reports to: Duke Power Company President, Board of Directors

Supervises: N/A

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

Primary Responsibilities:

1. This position will make an initial "courtesy call" to the Governors of North and South Carolina, making himself/herself available for followup calls on an as-needed, informal basis. The Governor will be kept up-to-date on the specifics of the situation by his/her staff.

   North Carolina Governor's office 919/733-5811
   South Carolina Governor's office 803/758-3208

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

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

4. This position receives information on the status of the plant from the planning coordinator of the Scheduling/Planning Group.

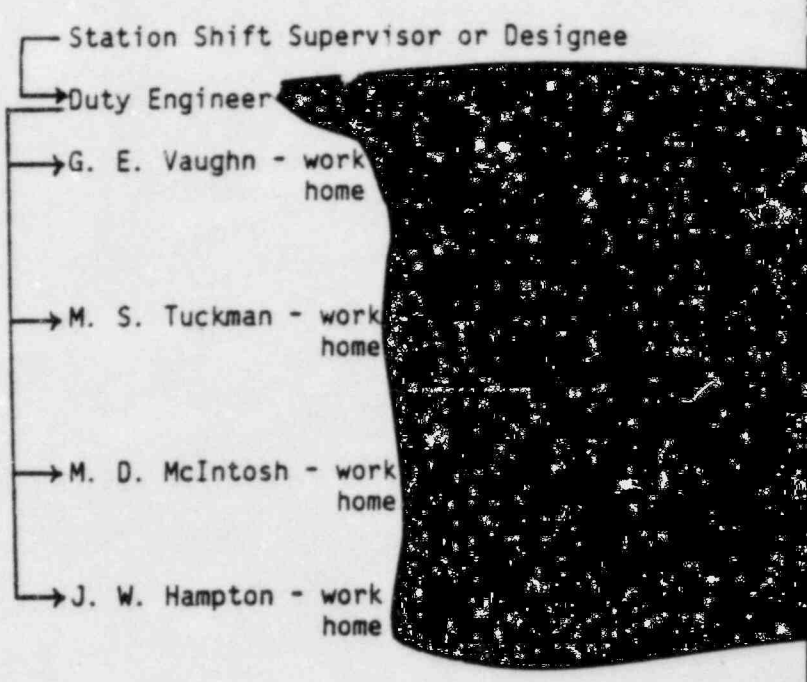
   Scheduling Coordinator Can Be Reached At:

   704/373-7949 (G.O. - WC 1010) McGuire/Catawba CMC;
   *3-882-1711 Oconee CMC

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

IV. NOTIFICATION PROCEDURE - CALL LIST

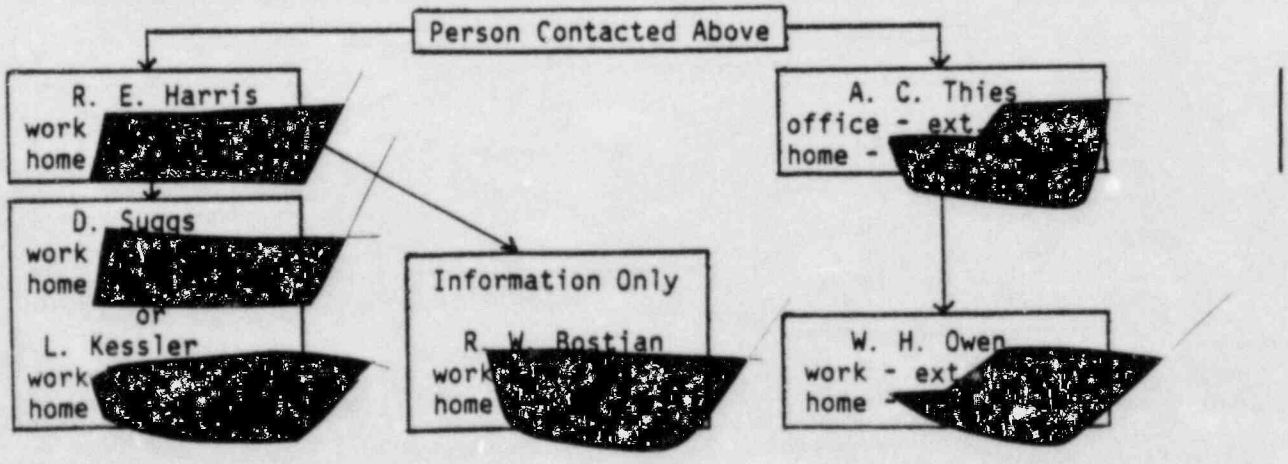
Call From Station



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

Facility Activation Note:

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



CRISIS MANAGEMENT PLAN

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5.3.4 - 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 upper-level management (primary).

   b. Maintains awareness of the situation, provides updates to the Recovery Manager every 30 minutes, and considers the potential release pathways in determining critical parameters.

   c. Update INPO at [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 notepad entries on the situation. An entry will be prepared, will be approved by the Recovery Manager, and will be logged onto notepad by either support personnel in Scheduling/Planning or G.O. staff normally responsible for this activity.

2. In the recovery phase of an incident:

   a. Provide 24 hour coverage throughout the incident for this function.

Figure 3
SCHEDULING/PLANNING FUNCTION
TELEPHONE DIRECTORY

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

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5.3.6 - Nuclear Technical Services Group

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I. SCOPE

The Nuclear Technical Services Group is responsible for providing support to the Recovery Manager in matters relating to onsite and offsite 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 Offsite Radiological Support Section is responsible for offsite activities/assessments including dose assessment, offsite 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 Offsite Radiological Support Section of the Group is responsible for:

1. Determining projected and actual doses to the public.

2. Determining environmental effects.

3. Advising the Nuclear Technical Services Manager of any recommendations for public protective actions in accordance with EPA Protective Action Guides.

II. FUNCTIONAL RESPONSIBILITY

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

A. Nuclear Technical Services Manager

Reports to: Recovery Manager

Supervises: Technical Services Support Staff;
Offsite Radiological Coordinator & Staff

Basic Function:

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

Primary Responsibilities:

1. Direct the activities of the Technical Services Support Staff in the development and implementation of plans and procedures to minimize radiation exposure and off-site releases.

2. Assure the Technical Services Support and Offsite Radiological Support Staffs are adequately staffed and equipped to respond in a timely fashion.

3. Assure that Technical Services Support and Offsite Radiological Support specialists are available on a pre-planned basis for assisting the Station Technical Support personnel as required.

4. Approve schedules and priorities for tasks assigned to the Group.

5. Coordinate plans and schedules of tasks with appropriate managers of the recovery organization.

6. Provide information and recommendations to the Recovery Manager concerning future operations that could affect the plant or the environment.

Principal Working Relationships:

1. Nuclear Station Manager regarding dose control measures and implementation of plans to obtain samples and process liquid, gaseous and solid wastes, and to obtain data on plant waste systems status.

2. Nuclear Engineering Services Manager concerning review and approval of proposed modifications to procedures, systems, and equipment.

3. Design and Construction Support Manager concerning implementation of proposed modifications to systems and equipment.

4. Off-Site Radiological Coordinator 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 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 conditions and the need for any action.

Primary Responsibilities:

1. Direct the activities of the Technical Services Support Staff.

2. Advise Nuclear Technical Services Manager of results and recommendations of Technical Services Support Staff.

3. Advise Nuclear Technical Services manager of existing and potential radiological conditions in the plant.

Principle Working Relationships:

1. Nuclear Technical Services Manager regarding activities or recommendations of the Technical Services Support Section.

2. Scheduling/Planning Manager regarding the implementation of Technical Services Support activities.

C. Resources Coordinator

Reports to: Technical Services Support Director

Basic Function:

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

Primary Responsibilities:

1. Assist the Technical Services Support Director in the direction and scheduling of activities.

2. Obtain personnel and equipment as needed.

Primary Working Relationships:

1. Technical Services Support Director, Health Physics Coordinator, Radwaste Coordinator, and Chemistry Coordinator regarding personnel, equipment and supplies.

2. Administration and Logistics Manager regarding personnel, equipment, and supplies procurement and storage until needed.

D. Health Physics Coordinator

Reports to: Technical Services Support Director

Supervises: Health Physics Staff Personnel

Basic Functions:

Directs the Health Physics Staff in providing technical support and assistance to the Station Health Physicist concerning radiation protection aspects of the recovery operation.

Primary Responsibilities:

1. Directs the Health Physics staff.

2. Develop and assist in the implementation of radiation exposure control (ALARA) measures and procedures, and in the planning, scheduling, mock-up training, and performance of jobs involving personnel exposure to radiation and contamination.

3. Assist in the implementation of Health Physics related design requirements for waste system processing and

design modification activities; and develop decontamination plans for affected plant areas.

4. Assist in the design, construction, and use of special contamination containment enclosures, temporary ventilation systems, temporary shielding, remote handling equipment, special tools, special means of communication, and other facilities to maintain personnel exposure to radiation and contamination ALARA.

5. Provide technical support for resolution of technical problems related to the Health Physics aspects of the recovery operation.

6. Complements station dosimetry services by providing all personnel other than station personnel with required dosimetry, conducting body burden analysis, issuing TLD badges, obtaining and maintaining required NRC and corporate personnel exposure records, and submitting personnel dosage reports through appropriate channels to the NRC and individual workers.

7. Prepare and present special Health Physics training directly related to recovery activities involving Health Physics consideration, assures that routine radiation protection training, and respiratory protective equipment training and fitting is accomplished.

8. Select and coordinate the procurement of additional or special Health Physics instruments, supplies, and manpower to support the recovery operations and for long term basis; direct instrument control services such as instrument calibration, repair, etc.

9. Maintain Health Physics related computer programs (exposure control, exposure record keeping, respiratory qualification and training, body burden analysis, etc.) and provide required reports to support the recovery operation.

Principal Work Relationships:

1. Station Health Physicist regarding radiation protection support and dose management.

2. Conceptual design group regarding shielding or equipment to be used in modifications.

3. Radwaste Coordinator regarding liquid, gaseous, and solid waste system processing, and decontamination plans.

E. Radwaste Coordinator

Reports to: Technical Services Support Director

Supervises: Radwaste Staff Personnel

Basic Function:

Responsible for the development of plans and procedures to quantitate source term for potential effluent releases; for minimizing off-site effluent releases by developing plans and procedures to control liquid, gaseous, and solid waste processing; and for defining design requirements for any modifications or additional equipment necessary to facilitate waste processing in support of the recovery operation.

Primary Responsibilities:

1. Direct the Radwaste staff.

2. Develop and assist with the implementation of plans and procedures for monitoring and quantitating off-site releases.

3. Develop and assist with the implementation of plans and procedures for processing liquid wastes to minimize off-site releases.

4. Develop and assist with the implementation of plans and procedures for storage and filtration of gaseous wastes to minimize off-site releases.

5. Develop and assist with the implementation of plans and procedures for solidification of liquid and slurry wastes and for solid waste disposal.

6. Recommend equipment and vendors for use in radiation monitoring and waste processing activities.

7. Provide manpower to receive and ship radioactive materials at the station.

Principal Working Relationships:

1. Off-site Radiological Coordinator and Station Health Physicist regarding the magnitude of off-site releases and affects of waste processing of off-site releases.

2. Nuclear Engineering Services Group regarding technical and licensing feasibility of processing plants.

3. Station Radwaste Coordinator and Chemistry Coordinator regarding the feasibility of processing plans, status of radwaste processing including radwaste volumes.

4. Vendors regarding radwaste processing equipment and services and radiation monitors.

5. Health Physics Coordinator regarding specialized procedures or equipment to be used to reduce radiation exposures to personnel during radwaste sampling and processing.

6. Station Health Physicist regarding off-site shipments of radioactive wastes.

F. Chemistry Coordinator

Reports to: Technical Services Support Director

Supervises: Chemistry Staff Personnel

Basic Function:

Responsible for the development of plans and procedures to determine the extent of core damage that has occurred; to evaluate the types and quantities of fission products released to the containment in the liquid and gas phase; to evaluate the chemistry (dissolved gases, boron, and pH) of reactor coolant; to evaluate the containment hydrogen levels; and to reduce airborne radioactive iodine levels by chemical treatment.

Primary Responsibilities:

1. Direct the chemistry staff.

2. Develop and assist with the implementation of plans and procedures for determining the extent of core damage.

3. Develop and assist with the implementation of plans and procedures to collect and analyze reactor coolant and reactor building sump samples.

4. Develop and assist with the implementation of plans and procedures to evaluate the results of analyses of reactor coolant and containment atmosphere samples for fission products, dissolved gas, boron, pH, and hydrogen content.

5. Develop and assist with the implementation of plans and procedures to reduce airborne radioactive iodine by chemical treatment.

Principal Working Relationships:

1. Station Chemist and Nuclear Engineering Services Group regarding the extent of core damage.

2. Station Chemist and Radwaste Coordinator regarding collection and analysis of liquid samples.

3. Radwaste Coordinator and Station Health Physicist regarding collection and analysis of air samples.

4. Radwaste Coordinator regarding the feasibility of processing plans, status of radwaste processing including radwaste volumes.

5. Design and Construction Support personnel and Nuclear Engineering Services personnel regarding any modifications necessary to collect or analyze chemistry samples.

6. Station Operations Superintendent regarding chemistry and radio chemistry problems affecting operations.

7. Health Physics Coordinator regarding specialized procedures or equipment to be used to reduce radiation exposures of personnel collecting and analyzing reactor coolant and containment atmosphere samples.

8. Station Chemist and Health Physics Coordinator regarding chemicals and procedures to reduce airborne radioactive iodine levels.

G. Off-Site Radiological Coordinator

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 offsite. 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. Station Emergency Coordinator & 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 Coordinator

Supervises: Field Monitoring Crews

Basic Functions:

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

Primary Responsibilities:

1. Direct the activities of the field monitoring crews; implement monitoring strategies and sample collection requirements.

2. Assure adequate staffing and resources for field crews.

3. Review and compile field monitoring results and advise Off-Site Radiological Coordinator.

Principal Working Relationships:

1. Laboratory Analyses Coordinator regarding sample collection for analyses.

2. Dose Assessment Coordinator regarding monitoring results used to calculate doses and develop distribution maps.

I. Laboratory Analyses Coordinator

Reports to: Off-Site Radiological Coordinator

Supervises: Laboratory Technicians (2 people)

Basic Functions:

Directs the efforts of the laboratory staff to assure quality of and expedite sample analyses. Advises Dose Assessment Coordinator (primarily) and Off-Site Radiological Coordinator (secondarily) of results of laboratory analyses. Located at off-site analytical laboratory. In telephone or radio contact with Crisis Management Center.

Primary Responsibilities:

1. Direct the activities of the laboratory staff; assure implementation of analytical requirements.

2. Assure adequate staffing and resources for laboratory.

3. Review and compile laboratory results and advise Dose Assessment Coordinator (primarily) and Off-Site Radiological Coordinator (secondarily).

Principal Working Relationships:

1. Field Monitoring Coordinator regarding sample collection for analyses.

2. Dose Assessment Coordinator regarding laboratory results used to calculate doses and develop distribution maps.

Lab Analysis Group Operations:

The Laboratory Analyses Coordinator (LAC) will direct and coordinate the Enviromental Radiological Laboratory (ERL) which will participate in the Crisis Management Plan by analyzing enviromnemtal 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 Coordinator and Dose Assessment Coordinator for use in determining the radiological status of the environment.

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

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

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

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

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

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

A final report would be printed for each sample which would include sample location, sample type, collection date, all activities of the radionuclides present and the results of any special analysis performed on the sample. The original report will be kept on file at the ERL and a copy will be sent to the ORC for his use.

J. Dose Assessment Coordinator

Reports to: Off-Site Radiological Coordinator

Supervises: NA

Basic Functions:

Performs required dose calculations under direction of ORC and develops radioactive material (contamination) distribution maps. Advises Off-Site Radiological Coordinator of results. Located at the Crisis Management Center.

Primary Responsibilities:

1. Directs the efforts of one technician who assists in performance of calculations, runs computer programs, and plots charts and maps.

2. Computes doses based on release data, meteorology, monitoring results, and analytical results using dose calculation models.

3. Review and compiles results into a concise form and advises Off-Site Radiological Coordinator.

Principal Working Relationships:

1 Field Monitoring Coordinator regarding monitoring results.

2. Laboratory Analyses Coordinator regarding laboratory results.

3. General Office Meteorology Group regarding meteorological consultation and forecasts.

4. Design Engineering Radiation Analysis Group regarding dose calculation consultation.

General Description of Dose Assessment Group Operations

1. Nature & Scope

The Dose Assessment Coordinator and his assistant will be located at the Crisis Management Center (CMC) during the accident. His primary responsibility is to advise the Off-Site Radiological Coordinator of the doses to the population in the vicinity of the station during an accident. The Dose Assessment coordinator calculates the doses based on release data, meteorology, monitoring results and analytical results using dose calculation models.

2. Principal Working Relationships

In addition to reporting directly to the Off-Site Radiological Coordinator, the Dose Assessment Coordinator must interact with other groups to obtain the information he needs to perform his job. The four principal groups he will be interacting with during the emergency situation are the Field Monitoring Coordinator, the Laboratory Analyses Coordinator, the General Office Meteorology Group and the Design Engineering Radiation Analysis Group. From the Field Monitoring Coordinator, he will gather results of direct field radiation measurements being made during the emergency. The Laboratory Analysis Coordinator will provide him with all laboratory results. The Dose Assessment Coordinator will use the field measurements and laboratory results to confirm his dose calculations. The G.O. Groups (Meterology and Design Engineering Radiation Analysis Groups) will be available for consultation as needed.

Emergency Actions and Response:

1. Notification of Personnel

In the event of a crisis, the Dose Assessment Coordinator will be manned as described in Table 2.

If the primary cannot be reached either at his office or at home, then the alternates should be contacted.

If the accident occurs after regular working hours, it is recommended that the ONS representative be contacted if the accident occurs at ONS. Similarly, if the accident occurs at MNS or Catawba, then the MNS/CNS representative should be called. These people live closer to their respective stations and can be at the CMC faster than the others.

If the accident occurs at ONS and the ONS alternate cannot be reached, then anyone of the other three alternates can be called since they all live at approximately the same distance from ONS. However, it is recommended that if the emergency is at MNS or Catawba and the MNS/CNS alternate cannot be reached, the G.O. alternates should be called because they live closer to MNS and Catawba. Regardless of the situation or where it occurs, the primary will be called before any of the alternates are notified.

2. Dose Assessment Coordinator's Arrival at CMC (Initial Evaluation)

It is expected that the initial evaluation of the magnitude of the release and the dose projections will be performed by station personnel.

As soon as the Dose Assessment Coordinator arrives, he should establish contact with the Off-Site Radiological Coordinator and with the other groups with whom he will be closely interacting to inform them of his arrival. He then should review the available information with the Acting Dose Assessment Coordinator.

As part of his initial evaluation of the accident, the Dose Assessment Coordinator should review the following information:

1. Date and time of accident
2. Class of emergency
3. Type of actual release (i.e., airborne, waterborne, surface spill) and estimated duration time
4. Estimate of quantity released or being released and height of release
5. Isotopic composition of material and relative quantities (i.e., noble gases, iodines and particulates)
6. Prevailing weather (i.e., wind velocity, direction, temperature, atmospheric stability data form of precipitation, if any)
7. Calculated dose rates and integrated doses from release
8. Estimate of any surface contamination
9. Emergency response actions underway (e.g., evacuation)
10. Recommended emergency actions including protective measures
11. Prognosis for worsening or termination of event based on plant information.

The initial review of the situation should be performed as quickly and efficiently as possible. After the initial review, the Dose Assessment Coordinator will be ready to assume his responsibilities and can take over the dose assessment role.

3. Dose Evaluation and Confirmatory Measurements

Once the Dose Assessment coordinator assumes his role, he will calculate the doses to the population in the vicinity of the station using the dose isopleths, release data and meteorology data. He will also use the field measurements to confirm his dose calculations. The method of dose assessment can be generally described in the following steps:

1. From the meteorological data available, choose proper overlays and sector.
2. Using release rate data, calculate doses and plot on maps.
3. Keep Off-Site Radiological Coordinator informed and up-to-the minute on all dose estimates.
4. Follow up dose estimates with environmental measurements.

All projected environmental doses/rates should have follow up field measurements made to confirm. Hence, extensive field measurements should be made continuously during the entire course of the emergency.

During the first several hours of the accident, it is expected that the Dose Assessment Coordinator (and his alternates) will work 12-hour workshifts until the emergency is under full control and the accident does not pose a threat to the population.

K. Special Assistance Coordinator

Functional Responsibilities:

Location/Background Requirements/Basic Function -

There will be two Special Assistance Coordinators (as a minimum) on each shift, located in the Recovery Manager's office. They work together to stay abreast of the Radiological and Plant Operations

status, respectively. Based on the information gathered, they are responsible for keeping the State/County agencies up-to-date.

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

The basic function of the Special Assistance Coordinator will be to assist the Off-Site Radiological Coordinator (ORC) as an individual contributor on any matter which the ORC cannot handle due to priorities.

Responsibilities -

1. Maintain contact with federal and state agencies (e.g., BRH-S.C., RPS-N.C., NRC, EPA, etc.) on environmental matters. Update State and Counties periodically (approx. 30 to 60 minutes).

2. Be familiar with site facilities including location of CMC and ORC facilities.

3. Be familiar with the local nuclear station environs, civil defense personnel, and established communications networks.

L. Radio Operator

Reports to: Field Monitoring Coordinator

Supervises: N/A

Function/Responsibilities:

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

M. Local Agency Liaison

Reports to: Off-Site Radiological Coordinator

Basic Functions:

Serves as company representative first at local Emergency Operations Center and then at State center, as required.

Primary Responsibilities:

1. Provides answers to local/state EOC staff regarding company-related questions.

2. Interprets information sent to EOC from Crisis Management Center.

3. Keeps ORC informed on EOC actions.

Principal Working Relationships:

1. State EOC staff regarding questions and information.

2. County EOC staff and agencies regarding questions and information.

3. Receives information updates on questions regarding plant status by contacting the Systems Analysis Coordinator in Nuclear Engineering Services. This person can be reached at numbers shown in procedures 5.3.10 and 5.3.11.

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 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. Offsite Radiological Coordinator and Group

The OSRC will be contacted by the Nuclear Technical Services Manager or designee. The OSRC will contact his section according to the call tree in Table 4. Table 2 lists the office and home phone numbers for members of this section.

Activation of the OSRC group will be in room 1222 of the Wachovia Center for McGuire and Catawba or at the Oconee Training Center, or the Liberty, South Carolina retail office for Oconee.

D. Message Format

Table 6 will be used to relay the emergency information. Information on this form will direct each individual to their duty station. It is the responsibility of the Off-Site Radiological Coordinator to direct his section's response appropriate to the incident.

E. Call Tree

The "call tree" for use in initiating the Group Plan is described in Tables 3 and 4. The person contacted by the Recovery Manager or his

designee will call the Technical Services Support Director, the Offsite Radiological Coordinator, and the alternate managers. The Technical Services Support Director and the Offsite Radiological Coordinator will contact the primary coordinators who will contact their staff as needed. If the Nuclear Technical Services Manager is unable to reach the Technical Services Support Director or the Offsite Radiological Coordinator, he will contact the primary coordinators in that section.

IV. FACILITIES, EQUIPMENT, AND RESOURCES

A. Facilities - The Nuclear Technical Services Manager is located in the Crisis Management Center (location as specified by the Recovery Manager upon initial notification). This center is the headquarters of the Recovery Manager and his staff and from here all emergency and recovery activities will originate. The near-site and backup CMC for Oconee Nuclear Station are the Oconee Training Center and Liberty Retail Office, respectively. The CMC location for McGuire and Catawba Nuclear Stations is in the General Office. The Recovery Manager is in Room WC-1010. The Technical Services Support Section will operate out of Wachovia Center 2390. The Offsite Radiological Coordinator and his section will operate out of room WC-1222 for McGuire and Catawba and at the Oconee Training Center for Oconee.

B. Equipment and Resources

1. Communication

a. Crisis Management Center - redundant two-way communications with the Emergency Operation Center, the Control Room, other appropriate off-site agencies and telephone.

b. Alternate Crisis Management Center - Has some communications capability as described for Crisis Management Center.

c. Support Group Personnel at Site - Telephone connections with Crisis Management Center and Alternate Crisis Management Center, and with the station.

d. Personnel at General Office - Telephone, public or private.

2. Technical and Professional Personnel

a. Health Physics

(1) Coordinator - 1

(2) ALARA Planning/Engineering - 8

For HP Organization:	(a)	D. T. Parsons
	(b)	1 Vendor supplied engineer/ professional
For Oconee:	(a)	R. L. Clemmer
	(b)	J. G. Weinbaum
	(c)	2 Vendor supplied engineer/ professionals
For Catawba:	(a)	G. Terrell
	(b)	2 Vendor supplied engineer/ professionals

For McGuire:

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

(3) Dosimetry Service - 9

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

(4) Training and Respiratory Fitting - 3

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

(5) Instrument Calibration (long term) - 2

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

b. Radwaste

(1) Coordinator - 1

(2) Planning/Engineering - 3

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

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

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

(3) Offsite Releases - 2

(a) J. M. Stewart
(b) H. J. Dameron
(c) K. Jones

(4) Vendor Interfaces - 1

(a) Vendor Representative

(5) Shipping/Receiving - 4

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

c. Chemistry

(1) Coordinator - 1

(2) Sample Collection - 10

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

(b) 5 alternates:
P. W. Downing
C. L. Hathcock
W. M. Funderburke
S. Biswas
T. P. Lee
M. Neill
G. Barker

(3) Data Evaluation - 3

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

(4) Special Projects - 8

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

3. Equipment and Supplies

a. Computer input/output capability including dedicated phone lines

b. Calculators - batteries, chargers

c. Stationery Supplies

d. Recorders - extra tapes, batteries, chargers

e. Floor plans of station - projected radiation levels
electrical outlets
breathing air header outlets
instrument air header outlets
demineralized water outlets
sampling locations
radiation monitor location
high radiation area doors

f. Flow Diagrams of Processing Capabilities including storage capacity

g. System Descriptions for waste and ventilation systems

h. Technical Specifications and 10CFR, 49CFR, State Reg.

i. Elevator Capacities and Floor Loading

j. Station Organization Charts - names and phone numbers

k. Emergency mobile counting capabilities

l. Lists of vendor/utility contacts for services, equipment and supplies

4. HP/Radwaste Emergency Kits

HP/Radwaste Emergency Kits are located in Room 2374 of Wachovia Center. Should the near-site CMC at Oconee be activated, these kits will be delivered to the CMC by the Administration and Logistics Group. Contact personnel will be R. B. Baker and C. F. Lan in HP/Radwaste and S. M. Kessler in Administration and Logistics.

V. LONG RANGE RECOVERY FUNCTIONS

As described in Table M-1 of the Crisis Management Plan, the Nuclear Technical Services group plays a vital role in recovery from a major incident.

The group responsibilities during recovery be will in:

a. Direct chemistry and radiochemistry support

b. Coordinate sample analysis

c. Implement radiological work control checklists

d. Assure regulatory compliance in radwaste storage

e. Radwaste reduction

f. Maintaining budgetary control in these areas.

VI. PROCEDURE REFERENCE

The following procedures are carried out by the referenced coordinators during an incident:

Special Assistance Coordinator

5.3.12 - "Initial and Followup Emergency Messages - Oconee"
5.3.13 - "Initial and Followup Emergency Messages - McGuire and Catawba"

Field Monitoring Coordinator

5.3.14 "Crisis Management Center Environmental Monitoring For Emergency Conditions Within The Ten Mile Radius of McGuire Nuclear Station"

5.3.15 "Crisis Management Procedcure - Environmental Monitoring - Oconee Nuclear Station"

5.3.18 "Environmental Monitoring For Emergency Conditions Within The Ten Mile Radius of Catawba Nuclear Station"

Dose Assessment Coordinator

Oconee Procedures:	HP/O/B/1009/10	"Quantifying Releases Through Steam Relief Valves"
	HP/O/B/1009/11	"Releases Via The Vent"
	HP/O/B/1009/14	"Releases Other Than The Vent"
	AP/O/B/1000/07	"Control Room Dose Assessment"
McGuire Procedures:	HP/O/B/1009/06	"Qualifying High Level Releases"
	HP/O/B/1009/08	"Reactor Coolant Leak Inside Containment"
	HP/O/B/1009/09	"Release Via The Vent"
	HP/O/B/1009/10	"Liquid Release"
	HP/O/B/1009/05	"Control Room Dose Assessment"
Catawba Procedures:	HP/O/B/1009/06	"Alternative Method For Dose Rate Calc. Inside Containment"
	HP/O/B/1009/12	"Quantifying Release Through Steam Relief Valves"
	HP/O/B/1009/13	"Releases via The Vent"
	HP/O/B/1000/14	"Liquid Release"
	HP/O/B/1009/15	"Releases Other Than The Vent"
CMC Procedures	5.3.19	"Ingestion Pathway Dose Projections"

TABLE 1

NUCLEAR TECHNICAL SERVICES GROUP

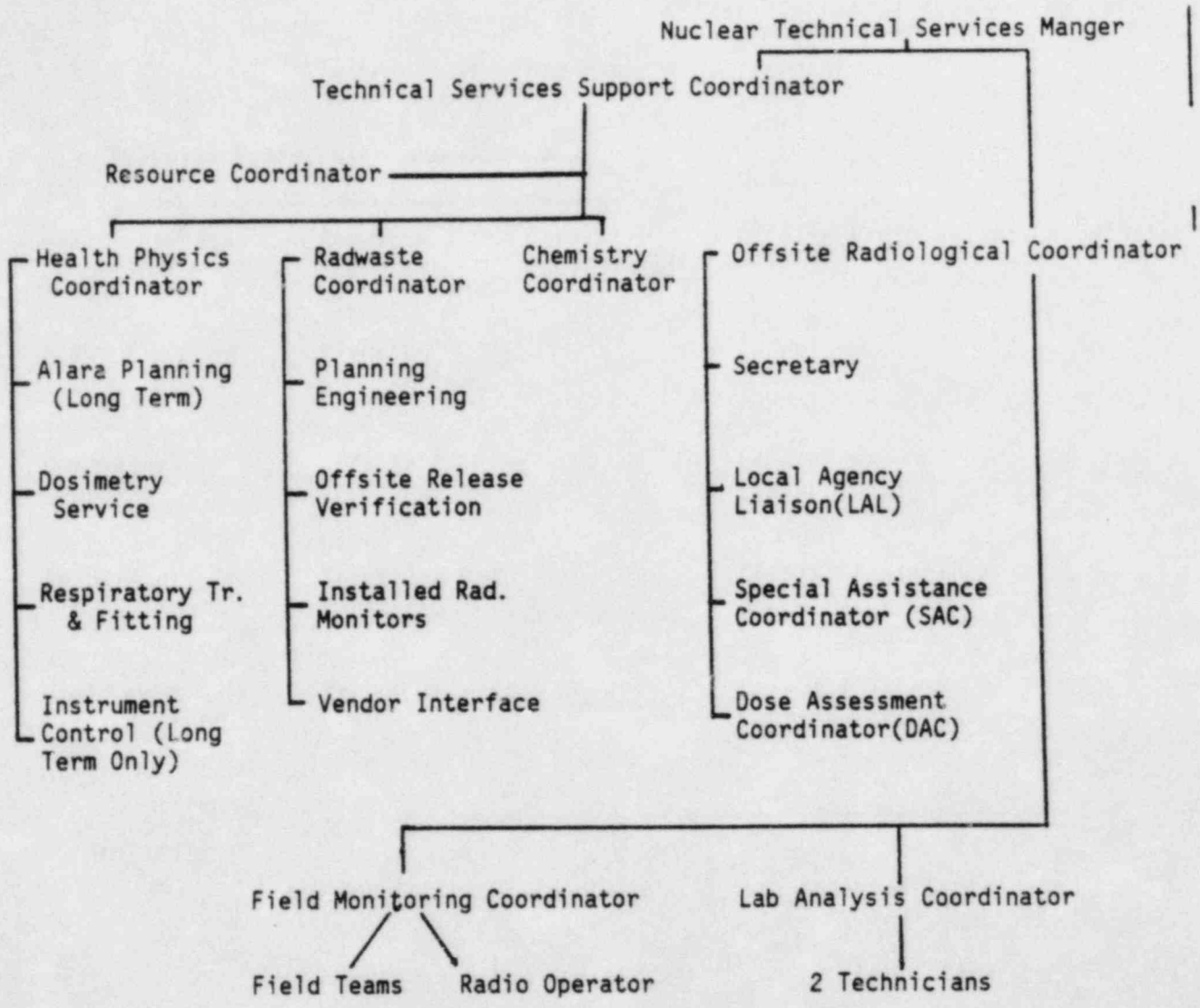


TABLE 2

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

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

TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
Health Physics Support			
Primary:	D. Davidson		
	G. Rawr		
	H. Smith		
	R. Cole		
Radwaste Support			
Primary:	B. Wood		
	J. Thornton		
	M. G. Case		
	M. G. Kriss		
Chemistry Support			
Primary:	C. L. Hathcock		
	J. C. Morcock		
	T. P. Lee		
Off-Site Radiological Coordinator			
Primary:	L. Lewis (All)		
	F. G. Hudson (All)		
Alternates:	W. P. Deal (MNS or ONS)		
	M. S. Tuckman (MNS or ONS)		
	C. T. Yongue (MNS or CNS)		
	T. J. Keane (ONS or CNS)		

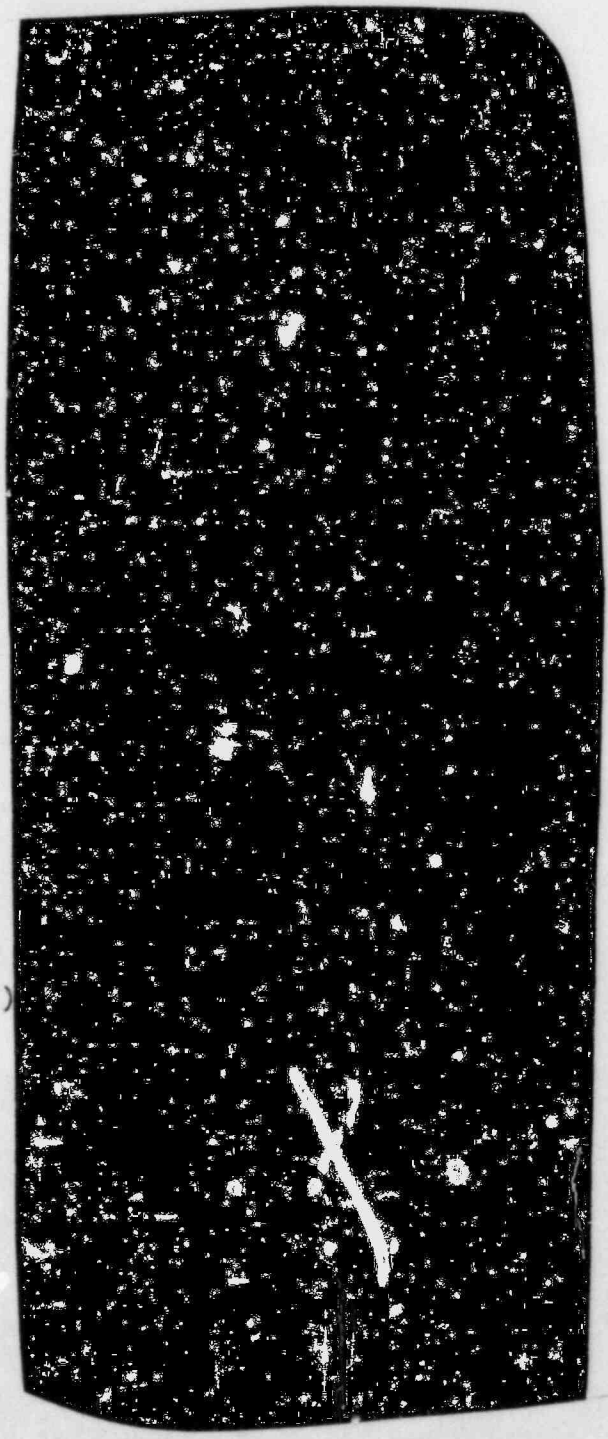


TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
Field Monitoring Coordinator			
Primary:	J. M. Ferguson (All)		
Alternates:	J. J. Sevic (Oconee)		
	J. R. Leonard (McGuire)		
	C. V. Wray (Catawba)		
Laboratory Analyses Coordinator			
Primary:	J. S. Isaacson (All)		
Alternates:	G. T. Mode (ONS or MNS)		
	W. F. Byrum (ONS or CNS)		
Technicians:	B. A. Broadway (All)		
	Jesse Arias (All)		
	Linda McDermid (All)		
Dose Assessment Coordinator			
Primary:	R. E. Sorber (All)		
	H. D. Brewer (All)		
	M. J. Geer (All)		
	L. J. Azzarello (All)		
Alternates:	D. J. Berkshire (MNS or CNS)		

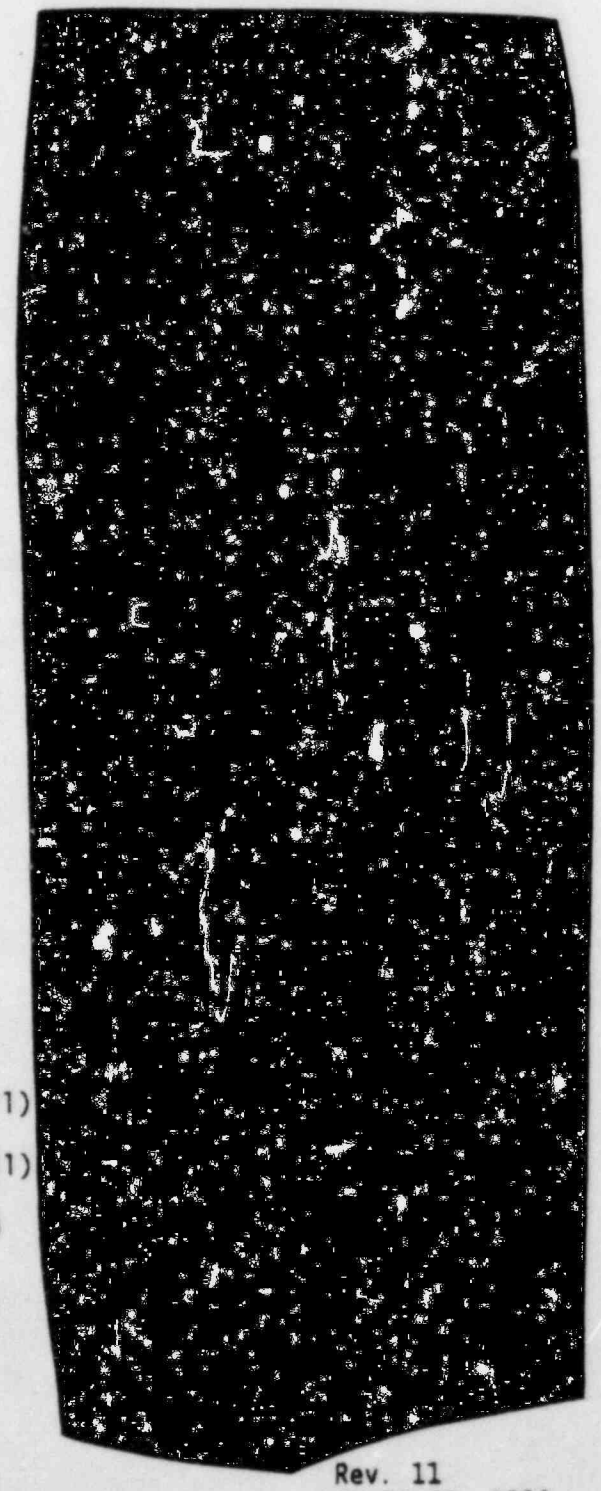


TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
Dose Assessment Coordinator (cont'd)			
Alternates:	G. L. Courtney (MNS or ONS)		
	S. A. Coy (MNS or CNS)		
	C. L. Harlin (MNS or CNS)		
	R. D. Kinard (MNS or ONS)		
	W. B. McRee (ONS or CNS)		
	Cathy Crupa		
	P. N. McNamara (ONS or MNS)		
	Cindy Martineck		
Consultants:	S. T. Apple (All)		
	M. A. Casper (All)		

NOTE: Each shift requires 3 dose assessment staff members.

Special Assistance Coordinator			
Primary:	S. T. Rose		
	J. Crumpler		
	W. C. Barker		
Alternates:	J. W. Cox (ONS or MNS)		
	M. Sample (ONS or CNS)		

TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

Position	Name	Business Phone	Home Phone
Special Assistance Coordinator (cont'd)			
	F. N. Mack (ONS or MNS)		
	E. Estep (ONS or CNS)		
Alternates:	R. T. Bond (MNS or CNS)		
Radio Operator			
Primary:	J. Painter		
	S. A. Gewehr		
	R. Ouellette		
Alternates:	R. L. Rivard (ONS or MNS)		
	G. Sain (MNS or CNS)		
	J. Head (MNS or CNS)		
	S. E. LeRoy (ONS or CNS)		
	G. M. Harrison (ONS or CNS)		

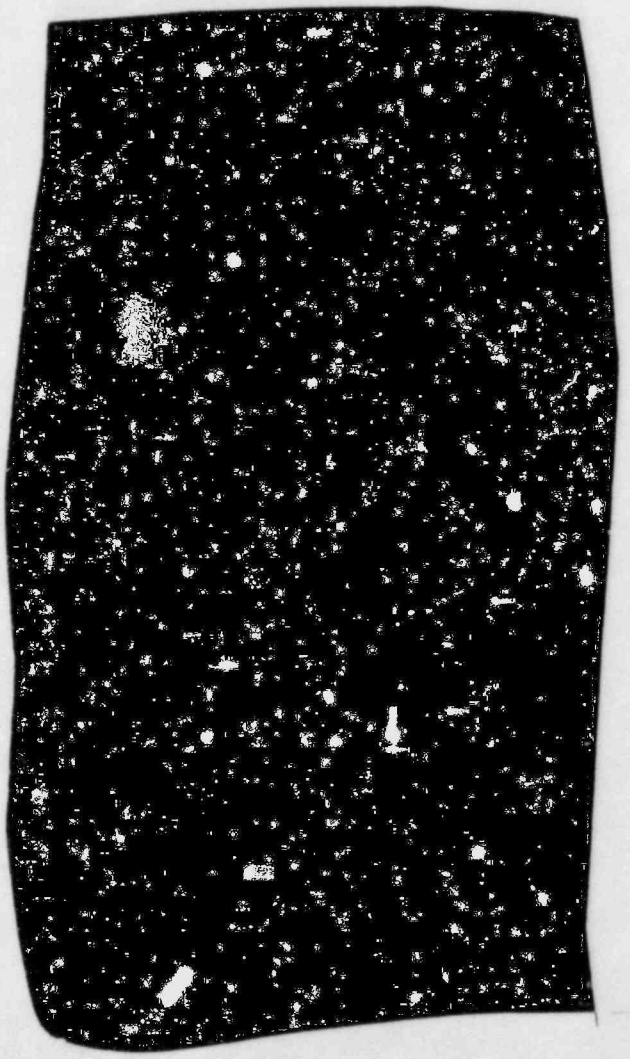


TABLE 2 (cont'd)

NUCLEAR TECHNICAL SERVICES GROUP PERSONNEL

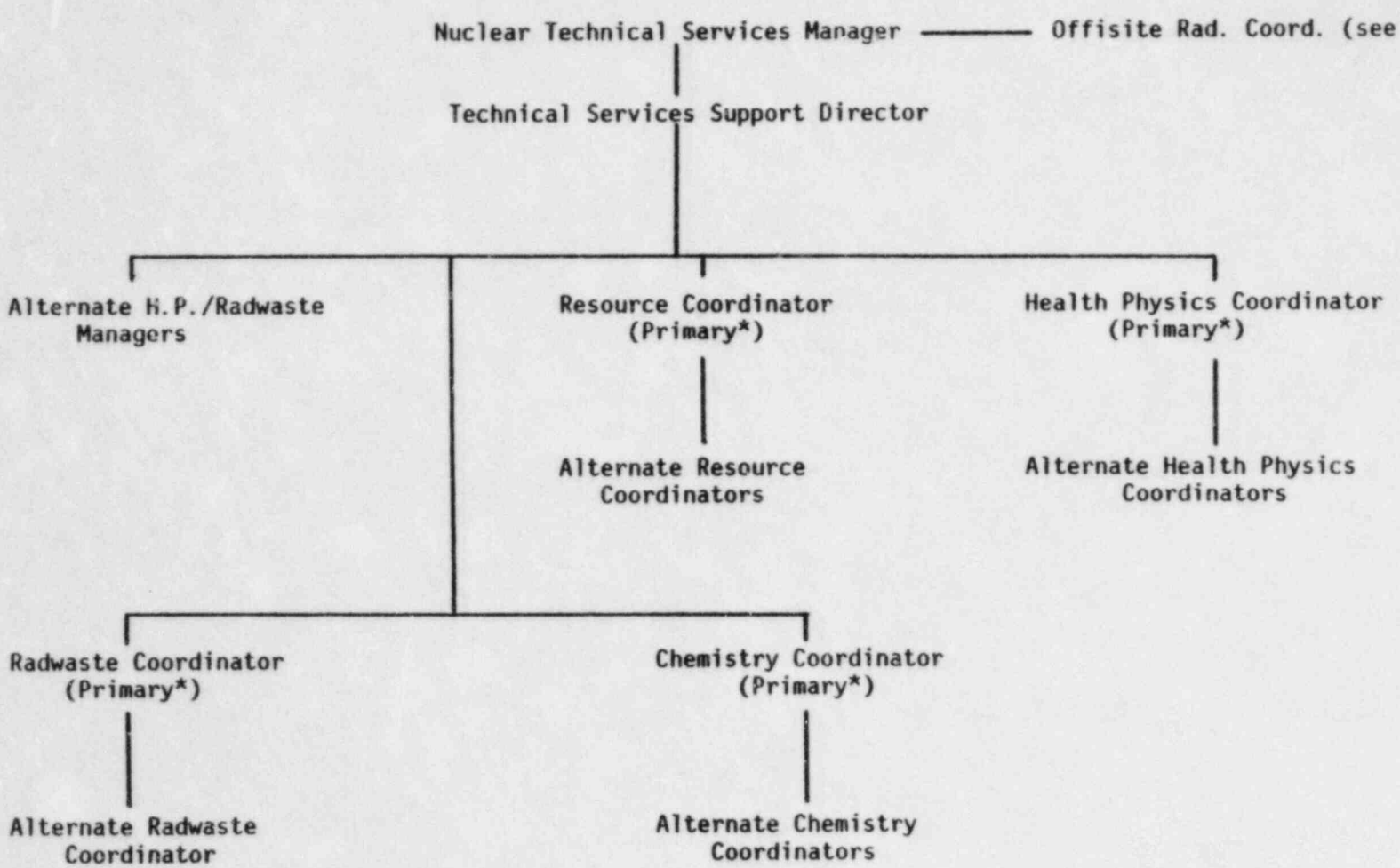
Position	Name	Business Phone	Home Phone
Local Agency Liaison (cont'd)			
Local Agency Liaison			
Primary:	C. A. Majure (All)		
Alternates:	W. McDowell		
	R. A. Harris		
Civil Air Patrol (111th Air Rescue Squad)			
Lt. Eric Karnes			
Lt. Eric Karnes (ALERT-BEEPER)			
Airport			
REACTS -	Karl Hubner		

To obtain helicopter(s) for emergency service contact:

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

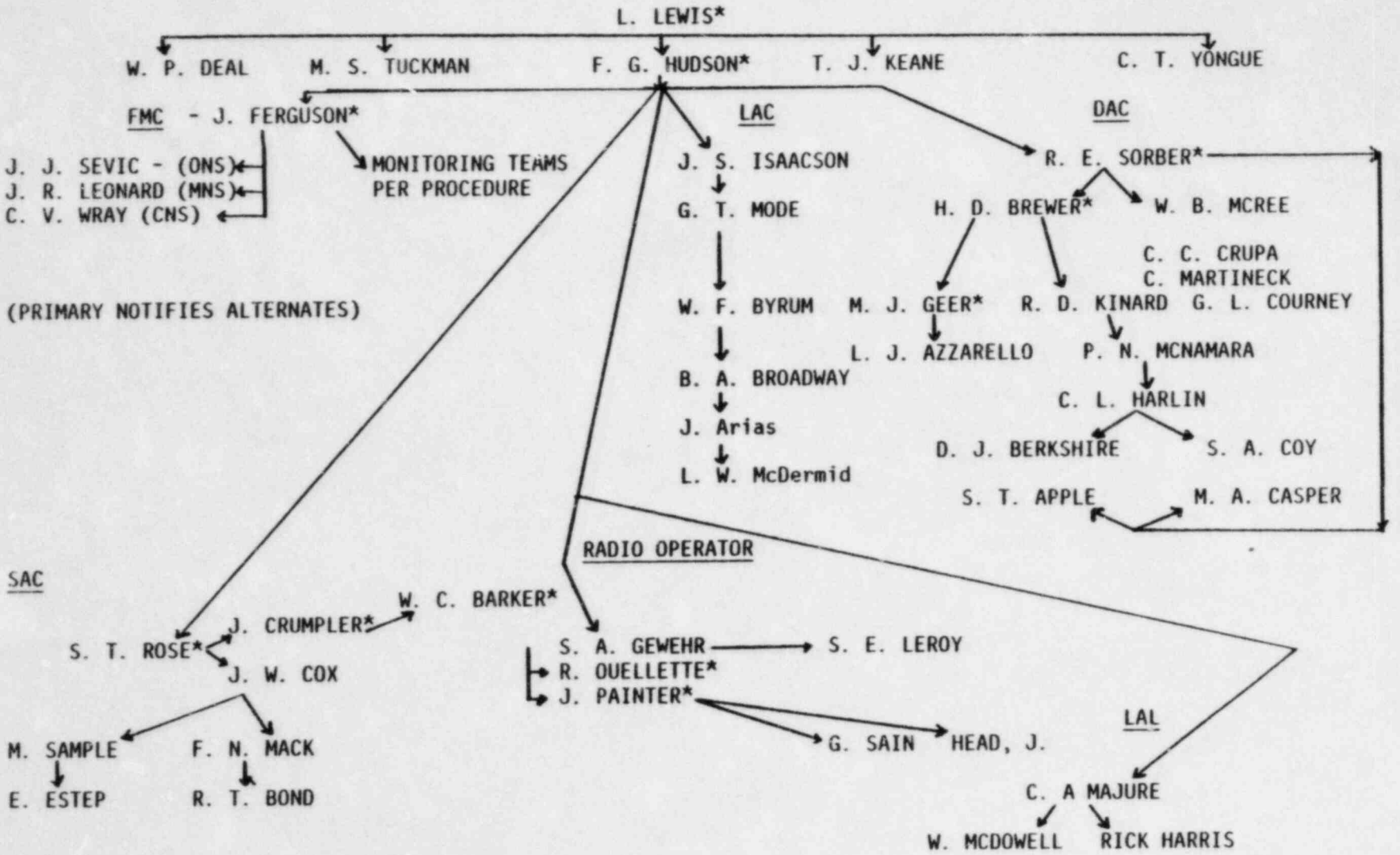
These contacts are in Duke Power Company Transmission Department, Line Division.

TABLE 3 - NUCLEAR TECHNICAL SERVICES "CALL TREE"



*The Nuclear Technical Services Manager will attempt to contact the primary Coordinators, who will then contact the alternates for their position. If the primary coordinators cannot be reached, the Nuclear Technical Services Manager will contact all of the alternates in that area.

TABLE 4 OFF-SITE RADIOLOGICAL SUPPORT "CALL TREE"



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

DUKE POWER COMPANY

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE 5.3.9

DELETED

REV. 3

APRIL 30, 1984

DUKE POWER COMPANY

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE 5.3.11

MCGUIRE/CATAWBA CRISIS

TELEPHONE DIRECTORY

Rev. 7
April 30, 1984

TABLE OF CONTENTS

MCGUIRE/CATAWBA CRISIS MANAGEMENT CENTER
(CHARLOTTE GENERAL OFFICE)

RECOVERY MANAGER/SCHEDULING AND PLANNING (WACHOVIA 1010)*

Recovery Manager: Centrex to TSC Emerg. Coord.--------
Dedicated Line to State EPD Director ---
Ringdown Line to TSC Emergency Coordinator

Scheduling and Planning: Two Centrex Lines ----------

OTHER GROUPS/MANAGERS IN WACHOVIA 1010:

Selective Signaling System Phone for SAC ---------- See pp. 10-11

Administration & Logistics ----------

Crisis News ----------

Design & Construction ----------

Nuclear Technical Services ----------

Special Assistance Coordinator ----------

Dedicated Line to State(s) Rad. Health Director---

Nuclear Engineering ----------

"Red Phone" to NRC ----------

State Line ----------

NRC ----------

OTHER CRISIS MANAGEMENT CENTER PERSONNEL

Offsite Radiological Coordinator (Wachovia 1222) ----------

State Representative(s) with Offsite Radiological Group (WC-1222) --

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

NRC FTS Line (Temporarily not installed) ----------

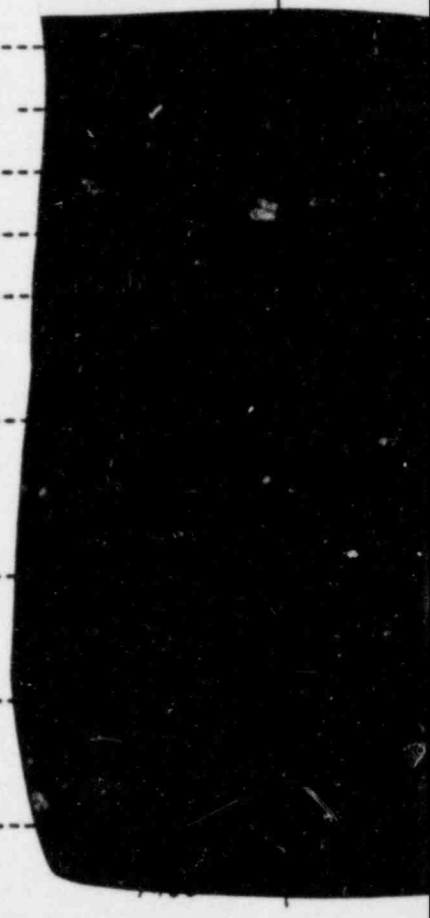
Administration and Logistics Staff (Wachovia Room 0925) ----------

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

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

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

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



NEWS CENTER

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

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

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

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

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

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

NRC Public Information Officer (Charlotte Supply Bldg. - Room

FEMA Public Information Officer (Charlotte Supply Bldg - Room

TECHNICAL SUPPORT CENTER
MCGUIRE NUCLEAR STATION

875-1357 (McGuire Switchboard)

Extension

Station Manager

Administration

Superintendent
Coordinators/Admin., Trng. Safety
Contract Coordinator
(Security etc.)

Maintenance

Superintendent
Mechanical Engineer
IAE Engineer
Planning

Operations

Superintendent

Technical Services

Superintendent
Performance Engineer
Reactor Engineer
Chemistry
Health Physics
Projects and Licensing Engineer
Support Functions Coordinator
Surveillance and Control Coordinator
Dedicated Dose Assessment Line
Updates to States and Counties

NRC

Telecopier

TECHNICAL SUPPORT CENTER - CATAWBA

	Telephone No.
Station Manager	
Outside Line	
Station Extension	
Administration	
Superintendent - Outside Line	
Station Extension	
Security	
Training & Safety	
Admin. Coordinator	
Maintenance	
Superintendent - Outside Line	
Station Extension	
Mechanical Engr.	
I&E Engr.	
Planning	
Technical Services	
Superintendent - Outside Line	
Station Extension	
Performance Engr.	
Reactor Engr.	
Chemistry	
Health Physics	
Project & Licensing Engr.	
Support Coord.	
Surveillance and Control Coordinator	
Dedicated Dose Assessment Line	
Updates to States and Counties	
Field Monitoring Coordinator	
Operations	
Superintendent	
Operations Engr.	
Asst. Operations Engineers	
NRC	
Telecopier	
Data Coordinator in TSC	
Westinghouse	

MCGuire Offsite Agency Telephone List

Counties

Mecklenburg Warning Point	Ringdown, or	Emergency Radio Code
Gaston Warning Point	Ringdown, or	Emergency Radio Code
Iredell Warning Point	Ringdown, or	Emergency Radio Code
Catawba Warning Point	Ringdown, or	Emergency Radio Code
Lincoln Warning Point	Ringdown, or	Emergency Radio Code
Cabarrus Warning Point	Ringdown, or	Emergency Radio Code

NOTE: Radio Code activates all county radio units

States

N.C. (E.O.C. Raleigh)
N.C. Warning Point
N.C. (SERT Headquarters, Air National Guard Armory)

Ringdown Phone or , or
Emergency Radio (no code required)

S.C. Emergency Operations Center - Columbia

S.C. Warning Point-Department of Health and Environmental Control

(8:30 A.M.-5:00 P.M. weekdays)
(After hours and weekends/ holidays)

DOE - Savannah River

NRC - Operation Center-Washington
-Region II

"ed Phone" o or
or

American Nuclear Insurers

INPO

Special "Open Bell Lines" at SERT Headquarters - Air Guard Armory

1. Recovery Manager open line to State Director
2. Duke Special Assistance Coord. line to State Rad. Health
3. N.C. PIO at News Center to N.C. PIO at SERT
4. Direction & Control Line (State to Counties)

CATAWBA OFFSITE AGENCY TELEPHONE LIST

Counties

York County Warning Point	Ringdown, or [redacted]	or Emergency Radio Code [redacted]
Gaston County Warning Point	Ringdown, or	or Emergency Radio Code
Mecklenburg County Warning Point	Ringdown, or	or Emergency Radio Code
(Radio Code 20 activates all units)		
York County EOC-Rock Hill City Hall Basement	(Ringdown NOT yet Installed)	[redacted] (maintain an open line)
Gaston County EOC-Gastonia, N.C.	(See Ringdown List)	or [redacted]
Mecklenburg County EOC-County Police Office - Charlotte, N.C.	(See Ringdown List)	or

States

N.C. EOC Raleigh N.C. Warning Point N.C. SERT Headquarters	[redacted] Ringdown Phone or Emergency Radio (No Code) or: State Director State Rad. Health State PIO [redacted]
S.C. EOC Columbia S.C. Warning Point	[redacted] (After hours/weekends/holidays)
S.C. FEOC - Clover Armory	Ringdown Phone or Emergency Radio (Code [redacted] or: State Director State Rad. Health State PIO

Others

DOE - Savannah River NRC - Operation Center-Washington American Nuclear Insurers INPO NRC - Operations Center-Region II	[redacted]

*NOTE: See Page 9 for instructions on operation of the Selective Signalling System.

TO OPERATE THE CRISIS MGMT. RADIO

Hookup

1. Plug power cords into receptacles.
2. Hook leads to batteries (red to plus, black to negative).
3. Insert radio jack into wall plug.

To Contact Field Teams or the State(s)

1. Depress the bar on the microphone and say, "CMC to _____ Team" (Alpha, Bravo, Charlie, Delta, Echo, or Foxtrot.) Release the bar.
2. They will respond, "_____ Team to CMC".
3. Depress the bar again and give instructions.
4. When finished for the day say, [redacted] out".

To Contact the TSC or Control Room

1. Depress the intercom button on the radio unit and say "CMC to TSC". Release the intercom button.
2. They will respond "TSC to CMC".
3. Depress the intercom again and discuss.

To Contact the Counties

1. Key in the code for the individual county or all tone activated squelch units and allow time for it to transmit (5 seconds). (See emergency phone and radio directory for codes.)
2. Depress the bar on the microphone and say, "CMC to _____ County". Release the bar.
3. They will respond, "_____ County to CMC".
4. Depress the bar again and discuss.
5. When finished say [redacted] out".

OPERATION OF THE SELECTIVE SIGNALING SYSTEM (SSS)

FOR MCGUIRE NUCLEAR STATION

To operate the system

1. Pick up the receiver - you will not hear a dial tone.
2. Dial the number for the party you wish to speak with. If you desire more than one party dial the group number shown or dial each individual number to tie them on.

LOCATION	PHONE NO.
Mcguire Control Room	
McGuire Technical Support Center	
Crisis Management Center	
Mecklenburg County	
Gaston County	
Lincoln County	
Iredell County	
Catawba County	
Cabarrus County	
N.C. Air Guard Armory	
WBCY Radio	

Group Calls

Mecklenburg County, Gaston County, Iredell County, Cabarrus County, Catawba County, Lincoln County, N.C. Air Guard Armory can be tied in by dialing 11*.

NOTE: The Selective Signaling System (SSS) is used for contacting the counties prior to arrival of the State of N.C. Once N.C. has set up their center, they use the SSS to call the counties and we contact the State on the dedicated Bell lines.

To cancel a call or to stop a ring initiated to one of these numbers dial 11# or 31# depending upon which of the numbers initially dialed.

OPERATION OF THE SELECTIVE SIGNALING SYSTEM FOR

CATAWBA

To operate the system

1. Pick up the receiver - you will not hear a dial tone.
2. Dial the number for the party you wish to speak with. If you desire more than one party dial the group number shown or dial each individual number to tie them on.

LOCATION	PHONE NO.
Catawba Control Room	
Catawba TSC	
Crisis Management Center	
York County Warning Point	
Clover Armory	
Gaston County (EOC & Warning Point)	
Mecklenburg County (EOC & Warning Point)	
N.C. Air Guard Armory	

NOTE: The Selective Signaling System (SSS) is used for contacting the counties prior to arrival of the States. Once the States have set up their centers, they use the SSS to call the counties and we contact the States on the dedicated Bell lines.

To cancel a ring initiated by a call to one of these numbers dial 11# or 51# depending upon the number initially called.

CRISIS MANAGEMENT PLAN

IMPLEMENTING PROCEDURE

5.3.16

QUARTERLY INVENTORY/COMMUNICATIONS EQUIPMENT CHECK

Rev. 7
April 30, 1984

QUARTERLY INVENTORY PROCEDURE

1.0 Purpose

1.1 To ensure that Crisis Management Center emergency supplies are in-place and available for use, if needed.

2.0 References

2.1 Crisis Management Plan Section H

3.0 Limits and Precautions

3.1 None

4.0 Procedure

4.1 The Emergency Response Coordinator or his/her designee will conduct an inventory of each of the kits or stored supplies listed in the attachments.

4.2 All inventories performed will be attached to a copy of this procedure indicating a completion date and stored in the Emergency Response Coordinator's files.

5.0 Attachments

5.1 Technical Services Emergency Kits
5.2 CMC/CNC Communications Equipment
5.3 Reg'stration Trailer Supplies
5.4 Administrative and Logistics Emergency Supplies - General Office
5.5 Scheduling/Planning Support Group Equipment/Supplies
5.6 Offsite Radiological Coordinator Decisional Aids

Attachment 5.1

QUARTERLY INVENTORY
CRISIS MANAGEMENT
TECHNICAL SERVICES EMERGENCY KIT
Duke Power Company General Office

	Item	Number In Plan	Number In Inventory
1.	All Purpose Markers	1	—
2.	Cotton Gloves-Bundle	1	—
3.	Coins for Telephone-Roll of Dimes	1	—
4.	Flashlight and Extra Batteries	2	—
5.	KI Tablets (14 per Bottle)--Bottles	25	—
6.	Marking Tape: 1" Roll; 2" Roll	1 each	—
7.	Protective Clothing: Coveralls, Disposable	4	—
8.	Poly Bags	6	—
9.	Radiation Waste Signs (4" x 6")	25	—
10.	Caution: Radiation/Radioactive Material Tags	6	—
11.	Respirator Mask w/Filters, (MSA)	1	—
12.	Rubber Gloves, Pairs	6	—
13.	Scotch Tape Roll and Dispenser	1	—
14.	Surgeon's Gloves, Box	1	—
15.	Wet Suit Disposable	1	—
16.	Weather-Proof Caution Signs w/inserts	4	—
17.	Box A		
	RM-14 w/DT-260 or DT-210 Probe	1	—
	Box B		
	Beta-Gamma Probe E-530	1	—
	Gamma Detection Instruments (PIC-6A Ion Chamber) 0-1000 R/hr	1	—
	Box C		
	TLD Badges (& 1 Record Card)	5	—
	Steno Pad with 2 Pencils	1	—
	Personnel Dosimeters	10	—
	Dosimeter Charger	1	—

Inventory Performed By: _____

Date: _____

Attachment 5.2

QUARTERLY INVENTORY/CHECK

COMMUNICATIONS EQUIPMENT

Catawba/McGuire CMC/CNC

Room	Telephone/ Radio/Headphones	Inplace?	Operational?*
Recovery Manager/ Scheduling & Planning WC-1010	To TSC		
	Signal Sys.		
	NRC Red Phone (later)		
	3 spkr. phones		
	modules		
Offsite Radiological Support WC-1222	radio system		
	(Green)		
Administration & Logistics WC-0925			
Data Coordination WC-1704			
Design & Construction EC-3-32			
Technical Services Support 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

Room	Telephone/ Radio/Headphones	Inplace?	Operational?*
Engineering Services WC-1704	w/speaker		
NRC/State/ Counties WC-1488	w/speaker		
News Staff Charlotte Supply Building 3rd Floor			
S.C. News Staff Charlotte Supply Building Room 215			
N.C. News Staff Charlotte Supply Building Room 215			
NRC News Staff Charlotte Supply Building Room 215			
FEMA News Staff Charlotte Supply Building Room 215			
Media Lines O. J. Miller			

Room	Telephone/ Radio/Headphones	Inplace?	Operational?*
	[redacted]		

Inventory Performed By _____

Date _____

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

Attachment 5.2 (continued)

QUARTERLY INVENTORY/CHECK

COMMUNICATIONS EQUIPMENT

OCONEE CMC

Room	Telephone/ Radio/Headset	Inplace?	Operational?*
Recovery Manager/ Scheduling & Planning	[redacted]		
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	(spkr. phone)	____	____
	Red Phone	____	____
	Headsets & lights From other rooms	____	____
Nuclear Technical Services	[redacted]		
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	Headset & light	____	____
Nuclear Engineering Services/ Design & Construction	[redacted]		
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	Headset & light	____	____
Offsite Radiological Coordinator	Radio System	____	____
	Headset & light	____	____
	Ringdown phone	____	____
	[redacted]		
	plant ext.	____	____
	plant ext.	____	____
Administration & Logistics	882-9028	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	plant ext.	____	____
	Headset & light	____	____

Attachment 5.2 (continued)

QUARTERLY INVENTORY/CHECK

COMMUNICATIONS EQUIPMENT

OCONEE CMC

Room	Telephone/ Radio/Headset	Inplace?	Operational?*
NRC/State/Counties	plant ext. [redacted]	____	____
	plant ext.	____	____
	plant ext.	____	____
Data Coordinators	plant ext	____	____
	plant ext	____	____
	plant ext	____	____

Inventory Performed By _____

Date _____

*Operationally check one phone per room.

Attachment 5.2 (continued)

QUARTERLY INVENTORY/CHECK

COMMUNICATIONS EQUIPMENT

OCONEE CNC

Room	Telephone	Inplace?	Operational?*
Crisis News Group	[redacted] plant ext.		
	plant ext.		
	plant ext.		
	plant ext.		
	plant ext.		
	plant ext.		
	plant ext.		
	plant ext.		
State/County Public Information Officers	[redacted]		
Media Lines			

*Operationally check one phone per room.

Inventory Performed By _____

Date _____

Attachment 5.2 (continued)

QUARTERLY INVENTORY

COMMUNICATIONS EQUIPMENT

LIBERTY OFFICE

Room	Telephone	Inplace?	Operational?*
Recovery Manager/ Scheduling & Planning	[redacted]	____	____
		____	____
Crisis News		____	____
		____	____
		____	____
Design & Construction		____	____
		____	____
Nuclear Engineering Services		____	____
		____	____
Offsite Radiological Support		____	____
		____	____
Administration & Logistics		____	____
		____	____
Nuclear Technical Services		____	____
		____	____
NRC/State/Counties		____	____
		____	____

*Operationally check 4 of the 17 phones.

Inventory Performed by _____

Date _____

Attachment 5.3

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer at Catawba

	Item	Number In Plan	Number In Inventory
1.	Transportation		
	a. Spare Tires	2	___
	b. Jack Stands	8	___
	c. Plywood Pads	8	___
	d. Screw Jacks	8	___
	e. Screw Jacks Handles	4	___
	f. Fire Extinguishers	3	___
	g. Set of metal steps	1	___
	h. Boxes of wooden wedges	2	___
	i. 50 lb. box nails	1	___
2.	Commissary		
	a. Trash Cans and Lids	22	___
3.	Administration		
	a. 7½ volt batteries	36 each	___
	b. D size flash lights	12	___
	c. 7½ volt lanterns	24	___
	d. Spotlights	25 each	___
4.	Security		
	a. Security Foot Locker	1	___
	Contents: 6 volt batteries	26	___
	Blinking beacons	14	___
	D size directional flashlights	10	___
	Vests	9	___

Attachment 5.3 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer at Catawba

	Item	Number In Plan	Number In Inventory
4.	Security (continued)		
	b. Road Barriers & Signs	6	___
	c. Security Signs	10	___
5.	Communications		
	a. Cord Assemblies	14	___
	b. Phones	3	___
	c. Phone Amplifiers	2	___
6.	Human Resources		
	a. Wind Sock	1	___
7.	Other		
	a. Metal Sign Stands	37	___
	b. Informational Signs	27	___
	c. Small Informational Signs	14	___
8.	Accommodations		
	a. ID Camera	1	___
	b. Extra Plate (Duke Power)	1	___
	c. Plain Plate	1	___
	d. Chairs	16	___
	e. Wire Baskets	6	___
	f. Hole Punchers	2	___
	g. Pencil Sharpeners	2	___
	h. Ink Pads	2	___

Attachment 5.3 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer at Catawba

Item	Number In Plan	Number In Inventory
8. Accommodations (continued)		
i. Bottles of Ink	3	___
j. "Temporary" Stamps	2	___
k. "Press" Stamps	2	___
l. "Recovery Team" Stamps	2	___
m. Package of ID cards (Form 08027)	1	___
n. Box Insurance Info. Pouches	1	___
o. Boxes of Pouches	3½	___
p. Standard Box Staples	1	___
q. Broom	1	___
r. IBM Selectric Typewriter	1	___
s. Carolina Ribbon & Carbon	3	___
t. Ribbon for IBM Selectric	1	___
u. Boxes of Black Ball Point Pens	2½	___
v. Tape Dispensers	2	___
w. Liquid Paper	4	___
x. Pair Scissors	1	___
y. Telephone Directories		
-Seneca	1	___
-Charlotte	1	___
-Anderson	1	___
-Greenville	1	___
-Easley	1	___
-Statesville	1	___
-Concord	1	___
-Mooresville	1	___
-North Mecklenburg	1	___

Attachment 5.3 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer at Catawba

Item	Number In Plan	Number In Inventory
8. Accommodations (continued)		
z. Dots (packages)		
-Red	3	___
-Navy	2	___
-Black	2	___
-Gold	2	___
-Light Blue	2	___
-Green	2	___
-Yellow	3	___
-Silver	1	___
aa. Boxes of Pencils	2	___
ab. Boxes of Spring Clips	2	___
ac. Pack of Rubber Bands	1	___
ad. Standard Pads	7	___
ae. Small Pads	3	___
af. 1 Roll (Partial) Filament Tape	1	___
ag. 1 Roll (Partial) 2 Sided Tape	1	___
ah. Blank ID Cards	3 packs	___
ai. Training Packages	199	___
aj. Box Paper Clips	1	___
ak. Reams of Bond Paper	½	___
al. Boxes of Carbon Paper	1	___
am. Duophone 101 Electronic Telephone Amplifier System	1	___
an. ITT Desk Telephone	1	___

Attachment 5.3 (continued)

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

Location: In Dedicated Trailer at Catawba

Item	Number In Plan	Number In Inventory
8. Accommodations (continued)		
ao. Motel Verification Forms	200	___
ap. Registration Forms	200	___
aq. Motel Room Assignment Forms	200	___
ar. Copies of Registration Forms	200	___
as. Motel Space Availability Forms	45	___
at. Screw Eyelets	60	___
au. Boxes with 2 @ Balkamp Fastners	12	___

Inventory Performed By: _____

Date: _____

Attachment 5.4

QUARTERLY INVENTORY

ADMINISTRATION & LOGISTICS EMERGENCY SUPPLIES

LOCATION: GENERAL OFFICE

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

Attachment 5.4 (continued)

Item	Number In Plan	Number In Inventory
Medium Paper Clip	2 bx.	___
Tape Erase w/Dispenser	2 ea.	___
Transparencies	100 ea.	___
Rubberbands (#18)	1 pack	___
Letter Openers	2 ea.	___
12" Wooden Rulers	10 ea.	___
Legal Size Clipboard	1 ea.	___
Letter Size Clipboard	1 ea.	___
8½ x 14 Xerocopy Paper	1 pack	___
File Folder Labels Wht. w/Blue	1 Bx.	___
Name Tags (Hello My Name Is)	1 Carton	___
Trash Can Liners	30 ea.	___
Black China Markers	10 ea.	___
Red - Watercolor Markers	12 ea.	___
Blue - Watercolor Markers	12 ea.	___
Black - Watercolor Markers	12 ea.	___
Dictionary	1 ea.	___
Wire Ltr. Size File Trays	15 ea.	___
Disposable Ash Trays	1 Case	___
Flashlight Batteries D Size	72 ea.	___
Safety Wands	1 Bx.	___
Flashlights	24 ea.	___
Metal Name Card Holders	6 ea.	___
Telecopiers	2 ea.	___
Typewriter Table	1 ea.	___
Bulldog Forms	1 bx.	___
Envelope Containing Stamp Pads, Holders and ID Stamps for VISITOR CONSTRUCTION	1 ea.	___
Wooden Placecard Holders and Placecards	1 Carton	___

Inventory Performed By: _____

Date: _____

Attachment 5.5

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010 - LOCKED CABINET

Item	Number In Plan	Number In Inventory
Crisis Management Plan	1	
Crisis Management Implementing Plans	1	
Oconee Emergency Plan	1	
McGuire Emergency Plan	1	
Oconee Implementing Plan	1	
Telephone	3	
Speaker Telephone	1	
McGuire CMC Directory	4	
Oconee CMC Directory	4	
G.O./McGuire/Oconee Directory	4	
N.C. County Maps	1 set	
S.C. County Maps	1 set	
GA. County Maps	1 set	
McGuire 10 Mile Radius Wall Map	1	
Oconee 10 Mile Radius Wall Map	1	
Oconee Wall Data Sheet-Set	1	
Oconee Wall Aerial Photograph	1	
Wall Trending Sheets	3	
McGuire Wall Data Sheet-Set	1	
McGuire Wall Data Sheet-Auxiliary	1	
McGuire Wall Aerial Photograph	1	
Scheduling/Planning Manager's Kit	1	

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010 - LOCKED CABINET

Item	Number In Plan	Number In Inventory
Large Company Mailers	6	
Small Company Mailers	6	
Administration/Logistics Manual	1	
Empty File Folders	10	
Telephone Message Pads	6	
5x7 Paper Pads	4	
3x5 Paper Pads	4	
Chalk	1 box	
Chalk Dispensers	2	
Legal Paper Pads	6	
Felt Tip Markers (Black)	6	
Rubber Bands	1 box	
Grease Pencils	1 set	
Dry Erase Markers	2 sets	
Transparent Tape	2 rolls	
Transparent Tape Dispensers	2	
N.C. State Map	1	
S.C. State Map	1	
GA. State Map	1	
VA. State Map	1	
Thumb Tacks	2 boxes	
Paper Clips-Assorted	1 box	
Water Color Markers	1 set	
Table E-1 Message Forms	1 file	
Dry-Erase Rags	3	

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: GENERAL OFFICE ROOM WC-1010 - LOCKED CABINET

Item	Number In Plan	Number In Inventory
24 Hour Clocks	1	_____
Stapler	2	_____
Staples	1 box	_____
Scissors	2	_____
No. 2 Pencils	1 box	_____
10 mile radius county overlay maps	1 set	_____

Inventory Performed By: _____

Date: _____

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: SCHEDULING/PLANNING MANAGER'S KIT-P.H. BARTON'S OFFICE

Item	Number In Plan	Number In Inventory
Crisis Management Plan (CMP)	1	
Crisis Management Implementing Plans	1	
Oconee CMC Telephone Directory	1	
McGuire CMC Telephone Directory	1	
G.O./McGuire/Oconee Directory	1	
Scheduling/Planning Manager's File	1	
Scheduling Coordinator's File	1	
Planning Coordinator's File	1	
Performance Monitor's File	1	
Clipboard/Pad	1	
Large Envelopes	8	
Small Envelopes	3	
Large Company Mailers	3	
Small Company Mailers	3	
N.C. County Maps	1 set	
S.C. County Maps	1 set	
Telephone Message Pads	2	
Chalk Marker	1	
Pointer	1	
Scissors	1	
Transp. Tape/Dispenser	1	
Rubber Bands	1 bag	

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: SCHEDULING/PLANNING MANAGER'S KIT-P.H. BARTON'S OFFICE

Item	Number In Plan	Number In Inventory
8½ x 11 Paper Pads	3	
Felt Tip Pen Set	1	
Paper Clips-No. 1	1 box	
Adhesive Note Pads	1	

Inventory Performed By: _____

Date: _____

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: OCONEE CRISIS MANAGEMENT CENTER

Item	Number In Plan	Number In Inventory
Oconee Emergency Plan	1	
Oconee Implementing Plan	1	
Oconee 10 Mile Radius Wall Map	1	
Oconee Wall Data Sheets	1 set	
Wall Trending Sheet	1	
Large Company Mailers	6	
Small Company Mailers	6	
Empty File Folders	10	
Masking Tape	1 roll	
Telephone Message Pads	6	
5x7 Paper Pads	4	
3x5 Paper Pads	4	
Chalk	1 box	
Chalk Dispenser	1	
8½x11 Paper Pads	6	
Felt Tip Markers (Black)	6	
Rubber Bands	2 bags	
Grease Pencils	1 set	
Dry Erase Markers	2 sets	
Transparent Tape	2 rolls	
Transparent Tape Dispensers	2	
Thumb Tacks	1 box	
Paper Clips-No. 1	1 box	

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: OCONEE CRISIS MANAGEMENT CENTER

Item	Number In Plan	Number In Inventory
Paper Clips-Large	1 box	
Water Color Markers	1 set	
Table E-1 Message Forms	1 file	
Dry Erase Rags	2	
Stapler	1	
Staples	1 box	
Scissors	2	
No. 2 Pencils	1 box	
Water Bottle	1	

Inventory Performed By: _____

Date: _____

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: LIBERTY CRISIS MANAGEMENT KIT

Item	Number In Plan	Number In Inventory
Oconee Emergency Plan	1	
Oconee Implementing Plan	1	
Oconee 10 Mile Radius Wall Map	1	
Oconee Wall Data Sheets	1 set	
Wall Trending Sheet	1	
Large Company Mailers	6	
Small Company Mailers	6	
Empty File Folders	10	
Masking Tape	1 roll	
Telephone Message Pads	6	
5x7 Paper Pads	4	
3x5 Paper Pads	4	
Chalk	1 box	
Chalk Dispenser	1	
8½x11 Paper Pads	6	
Felt Tip Markers (Black)	6	
Rubber Bands	2 bags	
Dry Erase Markers	1 set	
Transparent Tape	2 rolls	
Transparent Tape Dispensers	2	
Thumb Tacks	1 box	
Paper Clips-No. 1	1 box	

Attachment 5.5 (continued)

QUARTERLY INVENTORY

SCHEDULING/PLANNING SUPPORT GROUP

EQUIPMENT/SUPPLIES

LOCATION: LIBERTY CRISIS MANAGEMENT KIT

Item	Number In Plan	Number In Inventory
Paper Clips-Large	1 box	
Water Color Markers	1 set	
Table E-1 Message Forms	1 file	
Dry Erase Rags	2	
Stapler	1	
Staples	1 box	
Scissors	2	
No. 2 Pencils	1 box	
Water Bottle	1	

Inventory Performed By: _____

Date: _____

Attachment 5.6

QUARTERLY INVENTORY

OFFSITE RADIOLOGICAL COORDINATOR DECISIONAL AIDS

LOCATION: WC-1222 CABINET

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

Inventory Performed By: _____

Date: _____

CRISIS MANAGEMENT PLAN
IMPLEMENTING PLANS/PROCEDURES
-REVISION-

DOCUMENT TRANSMITTAL SHEET

To: Holders of Admin. & Logistics Plan 5.3.3

Date: 5/24/84

Revision Description:

DELETE	ADD (Rev. 8)
Cover Sheet	Cover Sheet
Table of Contents Page V	Table of Contents Page V
B-33, B-34	B-33, B-34
C-1, C-2, C-3, C-4, C-5, C-6	C-1, C-2, C-3, C-4, C-5, C-6
C-9, C-10, C-29, C-30	C-9, C-10, C-29, C-30 thru C-36
E-1, E-2, E-3, E-4, E-7, E-8	E-1, E-2, E-3, E-4, E-7, E-8
H-1, H-2	H-1, H-2
I-3, I-4	I-3, I-4
Entire Section K	K-1, K-2, K-3, K-4
Alphabetical Index a, b, c, d, e, f	Alphabetical Index a, b, c, d, e, f

DUKE POWER COMPANY

CRISIS MANAGEMENT PLAN

IMPLEMENTING PLAN 5.3.3

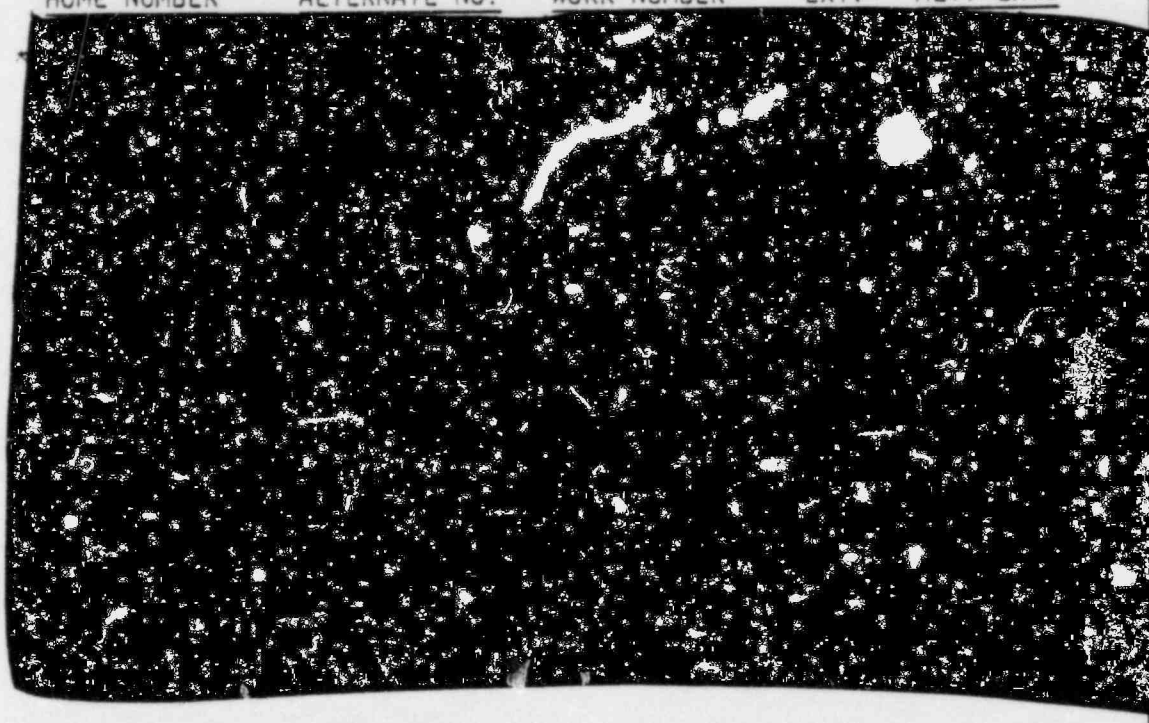
ADMINISTRATION AND LOGISTICS PLAN

April 15, 1984

TABLE OF CONTENTS

NAME	HOME NUMBER	ALTERNATE NO.	WORK NUMBER	EXT.	ALT. EXT.
D. ADKINS (NP)					
P. AGERTON (PUR)					
N. ALEXANDER (QA)					
G. ALLEN (CT)					
B. ALLRED (CT)					
B. ANDERSON					
R. BEARD (GO)					
C. BOSTIC (CT)					
M. BOWEN (O-SSD)					
R. BUGERT (OTC)					
D. COFER (GO)					
G. COX (NP)					
R. CROSS (NP)					
L. CROUSE (O-SSD)					
B. DAVID (CT)					
D. DOBBINS (CK)					
S. DRESSLER (CT)					
B. DUGAN (CS)					
E. FAULKNER (CT)					
S. FRIDAY (PUR)					
A. FURR (PUR)					
T. GUILL (NP)					
B. HARBIN (CT)					
J. HARDY					
J. HART (SMS)					
D. HOUSE (C INS)					
T. HUNT (CT)					
J. HUSKEY (CS)					
R. JOHNSON (CT)					
K. JONES (CT)					
S. KESSLER (PUR)					
K. LANIER (CS)					
R. LAVENDER (CT)					
L. LAWSON (C INS)					
M. LENDERMAN (CT)					
J. MCCLURE (CT)					
L. MCPHERSON (PUR)					
H. MILLER (CN)					
J. MILLER (PUR)					
T. MILLER (MT-SSD)					
J. MINTON (LIB)					
B. MOORE (MC)					
E. MORTON (PUR)					
D. MOSS (TELE)					
G. PATTERSON (CK)					
D. PEELER (M-SSD)					
D. PHILLIPS (NP)					

NAME	HOME NUMBER	ALTERNATE NO.	WORK NUMBER	EXT.	ALT. EXT.
R. PRICE (PUR)					
J. PUETT (PUR)					
B. RANDLETT (NP)					
A. RITTER (DE)					
T. ROACH (O)					
D. SCEARCE (CMM)					
K. SHANNON (NP)					
T. SKELTON (O-SSD)					
J. SMITH (PUR)					
K. SMITH					
R. SMITH (PUR)					
M. SPILLARS (PUR)					
B. TAYLOR (M-SSD)					
E. TAYLOR (GEN SVC)					
C. TOMPKINS (O-SSD)					
B. TURNER (O-SSD)					
d. WALKER (GS)					
B. WATSON (CT)					
G. WILSON (ALLEN)					
M. WILSON (CT)					



* Indicates long distance from Charlotte

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

Cen Taylor
Bill Watson
Jane Hart
Jim Smith
Terry Guill

C.3 ADDITIONAL PERSONNEL REQUIRED

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

C.4 MAJOR FUNCTION - CRISIS SITUATION

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

C.4.b The individual reporting to the off-site CMC will secure lodging, make travel arrangements upon request, and maintain contact with appropriate A&L manager in order to provide coordination for the near-site Accommodations Group. Upon notification of going into the Recovery effort, notify group members at the site, and contact necessary personnel to provide adequate support at the near-site CMC.

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

1-ID Cameras (Minimum requirements if near-site is
1-Typewriters staffed)

C.6 MAJOR FUNCTIONS - RECOVERY EFFORT

C.2.a Registers incoming personnel.

C.2.b Provides general employee training.

C.2.c Provides hotel/motel accommodations

C.2.d Assists with airline arrangements

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

1-ID Camera
2-Typewriter

C.8 INTERFACING WITH PLANT SECURITY

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

C.9 CENTRAL PROCESSING CENTER

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

C.9.a REGISTRATION

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

approved list will be delayed during processing.

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

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

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

C.9.b TRAINING

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

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

Directors requesting additional permanent team member(s) will complete Appendix C-1. This form can be obtained from the Crisis Management Manager(s).

C.9.d IDENTIFICATION CARDS

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

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

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

C.9.e. SLED PASS/BADGE CARDS

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

C.9.f FORMS

Appendix C-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.10 LODGING

Upon implementation of the Recovery Effort, the Accommodations Group will assess the lodging requirements. On the basis of this assessment, hotels/motels will be contacted as required for reservations. It is the responsibility of this group to make the decision concerning room assignments. Appendices C-11 (Oconee), C-12 (McGuire/Catawba), and C-13 (Catawba) list hotels/motels availability. Appendix C-14 lists armories in the vicinity.

C.11 AIRLINE RESERVATIONS

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

C.12 AUDIT PROCEDURES

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

REQUEST FOR DUKE POWER CRISIS MANAGEMENT TEAM IDENTIFICATION CARD

Instructions:

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

- -

Date ______________________________

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

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

Name ______________________________ Phone ______________________________

Department ______________________________ Location ______________________________

Crisis Management Team Group ______________________________

Reason ______________________________

____

Will this person be involved in drills in South Carolina?

Yes ______________ No ______________ (SLED Badges)

Access required to Crisis Management Center? Yes____ No____ (Green Dot)

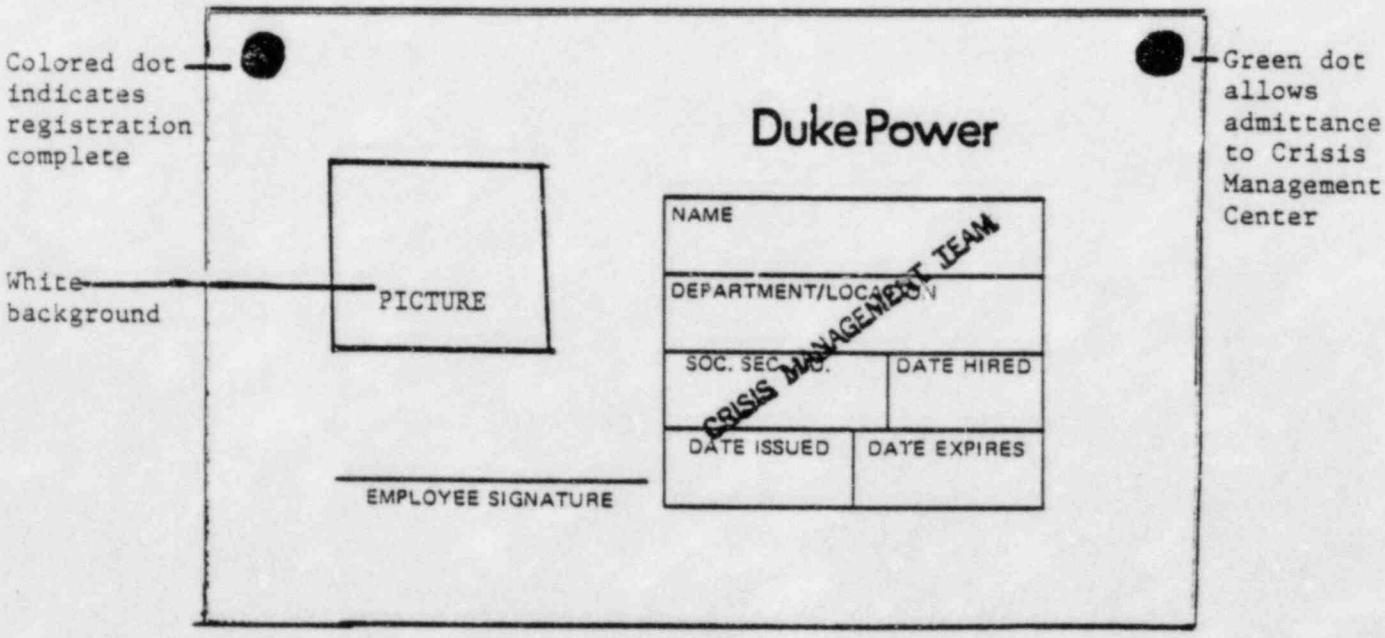
______________________________ Director or Group Leader's Signature

______________________________ Manager of Appropriate Crisis Management Group

______________________________ Approved (Employee's Supervisor)

CRISIS MANAGEMENT TEAM
· IDENTIFICATION CARD
TEMPORARY

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



Form 04156 (5-82)

CRISIS MANAGEMENT TEAM

"INDIVIDUAL REGISTER"

Please Print

Name: _____

Social Security Number: _____ Employee Number: _____

Company/Agency: _____

Department: _____

Principal Work Location: _____

City: _____ State: _____

Requirements:

Do you need - Hotel Accommodations: Yes ____ No ____

- Transportation: Yes ____ No ____

- Other _____

Drill Location: _____ _____

MCGUIRE/CATAWBA

	TOTAL RMS	8-HRS	24-HRS
*U.S. 21 Motel 1415 Shelton Avenue Statesville, NC 28677 704) 873-8062	13		

TOTAL RMS	8-HRS	24-HR

CATAWBA

	TOTAL RMS	8-HRS	24-HRS
*Holiday Inn of Fort Mill- Carowinds I-77 & Carowinds Blvd. Fort Mill, SC 29715 (803) 548-2400	211	20	50
*Econo Lodge I-77 Exit 66B & Cherry Rd. Rock Hill, SC 29730 (803) 329-3232	64		
*Holiday Inn of Rock Hill Mt. Gallant Rd. & US 21 Bypass Rock Hill, SC (803) 329-2100	201		
*Howard Johnson's Motor Lodge I-77 & U.S. 21 North Rock Hill, SC (803) 329-3121	103		
**Pine Rest Motor Inn Bypass 21 & Business 21 North Rock Hill, SC (803) 366-7121	22		
**Porter's Motel Hwy US 21 North Rock Hill, SC (803) 329-3100	35		
*Ramada Inn I-77 & U.S. 21 North Rock Hill, SC (803) 329-1122	130		
**Red Coach Motor Inn 503 E. Main Street Rock Hill, SC (803) 329-3131	40		

CATAWBA

	TOTAL RMS	8-HRS	24-HRS
*Best Western - Coliseum 3024 E. Independence Blvd. Charlotte, NC 28205 (704) 375-4424	151		
*Best Western - Downtown 900 N. Tryon Street Charlotte, NC 28206 (704) 373-0300	118		
*Best Western Motel Douglas Municipal Airport Charlotte, NC 28219 (704) 392-5311	56	45	50
*Catalina Motor Lodge 2403 Wilkinson Blvd. Charlotte, NC 28208 (704) 375-8851	105		
*Charlotte Marriott Executive Park 5700 Westpark Drive Charlotte, NC 28210 (704) 527-9650	300	20	35
*Comfort Inn - Coliseum 3016 E. Independence Blvd. Charlotte, NC 28205 (704) 375-8444	109		
*Cricket Inn 4115 Glenwood Drive Charlotte, NC 28208 (704) 394-4131	100		
*Days Inn I-77 & Woodlawn Road Charlotte, NC 28210 (704) 527-1620	143		
*Days Inn - Airport 4419 Tuskaseegee Road Charlotte, NC 28208 (704) 392-5181	120	0-80	20-03
*Days Inn - Sugar Creek 1408 W. Sugar Creek Road Charlotte, NC 28213 (704) 597-8110	151	30	100

CATAWBA

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

CATAWBA

	TOTAL RMS	8-HRS	24-HRS
Holiday Inn - Woodlawn 212 Woodlawn Road Charlotte, NC 28210 (704) 525-8350	423	200	100
*Holiday Inn I-85 Airport 2707 Little Rock Road Charlotte, NC 28214 (704) 394-4301	220	5	12
**New Imperial Motel 1025 S. Tryon Street Charlotte, NC 28203 (704) 377-3611	40		
*Nova Plaza Hotel 5321 E. Indepedence Blvd. Charlotte, NC 28212 (704) 535-8300	72		
*Oak Tree Inn - Airport 3101 I-85 @ Mulberry Rd. Charlotte, NC 28208 (704) 394-3381	119		
*Howard Johnston's 2400 Wilkinson Blvd. Charlotte, NC 28208 (704) 377-6961	114	35	50
*Howard Johnson's Motor Lodge 118 E. Woodlawn Road Charlotte, NC 28210 (704) 525-6220	96		
*Ramada Inn - Downtown 600 S. Kings Drive Charlotte, NC 28204 (704) 377-6800	100		
*Ramada Inn - South 515 Clantan Road Charlotte, NC 28210 (704) 527-3000	173		
*Ramada Inn - North 4330 I-85 North Charlotte, NC 28213 (704) 596-8020	100		

CATAWBA

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

CATAWBA

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

AIRLINES

Greenville-Spartanburg Airport

Eastern Airlines:
Greenville - [redacted] (Passenger Reservations & Information)
Spartanburg - [redacted] (Passenger Reservations & Information)

Republic Airlines:

Greenville - [redacted]
Spartanburg - [redacted] (Passenger Reservations & Information)

Douglas Municipal Airport - Charlotte

Eastern Airlines - [redacted] (Passenger Reservations & Information)

Delta Airlines - [redacted] Passenger Reservations & Information)

Piedmont Airlines [redacted] (Passenger Reservations & Information)

United Airlines - [redacted] Passenger Reservations & Information)

World Travel Agency - Charlotte

[redacted]

E.0 PURCHASING DIRECTOR

E.1 PURPOSE

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

E.2 MAJOR FUNCTIONS

E.2.a Issues requisitions

E.2.b Negotiates contracts

E.2.c Issues purchase orders

E.2.d Expedites hardware and software

E.2.e Coordinate receipt of material

E.2.f Coordinate distribution of material

E.3 MEMBERS OF GROUP

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

E.3.a PRIMARY (DIRECTOR)

Leonard McPherson

E.3.b ALTERNATES

Bill Turner
Mike Spillars
Dean Dobbins
Hooper Miller
Jay Miller

E.4 ADDITIONAL PERSONNEL REQUIRED

Since most of the purchasing functions will be handled in the General Office, the entire Purchasing Department will be at the Purchasing Director's disposal. Teams and back-ups have been assigned within GO Purchasing. See Appendix E-2. The CMC Purchasing Team will utilize the clerical support provided by the Administration Director for typing, sending telecopies, answering telephones, handling material control paperwork, etc.

E.5 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 Team. See Appendix E-3.

E.6 ARRIVAL AT CMC

The Purchasing Director will access 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 the Nuclear Production Department concerning the receipt and distribution of equipment and material.

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

E.9 PROCEDURES

E.9.a REQUISITIONING EQUIPMENT

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

E.9.b EXPEDITING

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

E.9.c RECEIVING

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

E.10 MAJOR EQUIPMENT IDENTIFICATION

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

E.11 PARTS INFORMATION

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

E.12 UTILITIES WITH SIMILAR EQUIPMENT

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

E.13 AUDIT PROCEDURES

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

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

	Contacts and Titles	Nuclear Plants	Reactor Supplier
Texas Utilities Generating Co. 2001 Bryan Tower Dallas, Texas 75201 Ph. [redacted]	Perry G. Brittain - President Carroll Graves - Manager Purchasing Ph. [redacted]	Comanche Peak 1 - 1150 MW Comanche Peak 2 - 1150 MW Glen Rose, Texas Ph. [redacted] Mgr. Nuclear Operations: James C. Kuykendall Status: Active Construction	Westinghouse
Toledo Edison 300 Madison Avenue Toledo, Ohio 43652 Ph. [redacted]	W. A. Johnson - President	Davis-Besse 1 - 906 MW Davis-Besse 2 - 906 MW Davis-Besse 3 - 906 MW Oak Harbor, Ohio Ph. [redacted] Plant Superintendent: T. D. Murray	B&W
Union Electric Company 1901 Gratiot Street St. Louis, Missouri 63103 Ph. [redacted]	Charles J. Dougherty - Chairman Board, CEO D. F. Schnell - V.P. Nuclear J. W. Iselin - Purchasing Agent	Callaway 1 - 1150 MW Callaway 2 - 1150 MW Fulton, Missouri Ph. [redacted] (Union Elec.) Plant Superintendent: S. E. Miltenberger Status: Active Construction	Westinghouse
Virginia Electric and Power Co. One James River Plaza Richmond, Virginia 23261 Ph. [redacted]	W. W. Berry - President F. B. McNeil - Mgr. Purchasing	North Anna 3 - 938 MW North Anna 4 - 938 MW Mineral, Virginia Ph. [redacted] Station Mgr.: W. R. Cartwright	B&W

CRISIS MANAGEMENT TEAM
PURCHASING DEPARTMENT
G.O. TEAMS

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

12 hour shifts. (24 hours off)

CRISIS MANAGEMENT TEAM
PURCHASING DEPARTMENT
FIELD PURCHASING CONTACTS

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

H.0 HUMAN RESOURCES DIRECTOR

H.1 PURPOSE

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

H.2 FUNCTIONS

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

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

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

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

H.2.e. Insures Heliport preparation

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

H.3 MEMBERS OF GROUP

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

H.3.a PRIMARY (DIRECTOR)

Mike Lenderman

H.3.b ALTERNATES

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

H.4 TECHNICAL AND CRAFT PERSONNEL

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

Catawba

Mike Couch
C. B. Aycock
Ralph Morrison

[redacted]

McGuire — Bob Bivens, Carey York

SSD 803 — D. L. Freeze, Terry Chappell

SSD — Carey York, Bob Moore, Ben Taylor

System Maintenance Support — R. Fred Gray — Work / Home

Harvey Lyerly — Work / Home

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

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

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

Refer to Section I.0-Transportation Section

H.7 ELECTRICIANS, BUILDERS, UTILITIES

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

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

H.7.b Builders and utility personnel requirements will be met initially through contacts in Section H.2. Additional personnel requirements will be met through the following contacts:

Builders: Sonny Helton
Utility: Ed Lecroy

H.8 OTHER UTILITY COMPANIES

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

I.10 AUDIT PROCEDURE

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

Appendix I-1
Catawba Nuclear Project
Personnel and Equipment

Marion Wilson
Home -

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

Drivers

Jesse E. Johnson, Gaffney, SC
Home -

Ken Harvell
Home -

Jimmy Honeycutt
Home -

Paul L. Harvey, Gaffney, SC
Home -
Other -

Carpenter

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

K.0 SECURITY DIRECTOR

K.1 PURPOSE

To provide security support for Crisis Management activities.

K.2 MAJOR FUNCTIONS

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

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

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

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

K.3 MEMBERS OF GROUP

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

K.3.a Primary (Director)

Randy Cross

K.3.b Alternates

Bill Randlett
Keith Shannon
Guy Cox
Dave Adkins

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

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

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

K.4.a Security Checkpoints

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

CHECKPOINT 1

Located on the 1st Floor of the Electric Center, General Office, Charlotte, N. C. the O. J. Miller auditorium shall be the Emergency News Center Checkpoint 1 shall be established in the Electric Center lobby. Checkpoint 1 shall be manned by two (2) uniformed security force members.

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

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

CHECKPOINT 2

Located in the Charlotte Supply Building, General Office, Charlotte, N. C. the Corporate Communications Office area shall be the News Group Work Area. Checkpoint 2 shall be established at the building entrance. Checkpoint 2 shall be manned by one (1) uniformed security officer.

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

K.4.b. Security Monitors

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

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

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

K.5 SITE SECURITY CHECKPOINTS

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

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

K.6 ASSISTANCE TO THE STATION SECURITY OFFICER

The Security Director shall maintain contact with the Station Security Offices 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

Catawba

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

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

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

K.8 REQUEST FOR LAW ENFORCEMENT ASSISTANCE

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

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

K.9 AUDIT PROCEDURE

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

ALPHABETICAL INDEX

CRISIS MANAGEMENT PLAN
IMPLEMENTING PLANS/PROCEDURES
-REVISION-

DOCUMENT TRANSMITTAL SHEET

To: NRC Date: 5/23/84

Revision Description:

Table of Contents		4/30/84
Distribution List		4/30/84
5.3.1	Rev. 8	4/30/84
5.3.3	Rev. 8	Insert Revised Pages
5.3.4	Rev. 10	Insert Revised Pages
5.3.6	Rev. 11	4/30/84
5.3.9		Delete
5.3.11	Rev. 7	4/30/84
5.3.16	Rev. 7	4/30/84

Control Copy No. 20A -22A

Please sign and return this transmittal sheet to R.M. Glover within 15 days, indicating you have received the attached Revision(s) and incorporate (it) (them) into your manual.

Received By: _____ Date: _____