

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURES (CEPIP)

| <u>Number</u> | <u>Procedure Title</u> | <u>Revision #</u> |
|---------------|--|-------------------|
| 1 | Corporate Emergency Plan Notification | 1 |
| 2 | Emergency Response Team Transportation | 1 |
| 3 | Emergency Response Manager | 1 |
| 4 | Technical Analysis Manager | 1 |
| 5 | Administrative and Logistics Manager | 1 |
| 6 | Radiological Control Manager | 1 |
| 7 | Corporate Emergency Operations Center Manager | 1 |
| 8 | Corporate Emergency Operations Center Activation and Operation | 1 |
| 9 | Corporate Emergency Operations Center Operations Coordinator | 1 |
| 10 | System Communications Coordinator | 1 |
| 11 | Headquarters Public Information Coordinator | 1 |
| 12 | Corporate Spokesman | 1 |
| 13 | Site Public Information Coordinator | 1 |
| 14 | Health Physics Support Equipment Control Procedure | 1 |
| 15 | Construction Support Equipment Control Procedure | 1 |
| 16 | Document Control Procedure | 1 |
| 17 | Plan Maintenance, Update, and Distribution | 1 |
| 18 | Emergency Response Exercises and Drills | 1 |
| 19 | Emergency Plan Training Program | 1 |

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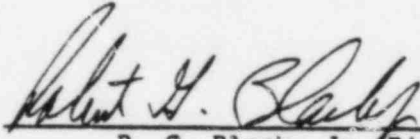
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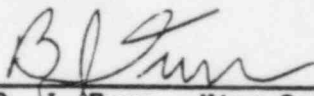
CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURES (CEPIP)

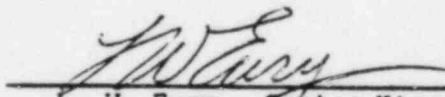
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CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 1

TITLE: Corporate Emergency Plan Notification

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/2/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 1, CORPORATE EMERGENCY PLAN NOTIFICATION

1.0 PURPOSE

This procedure sets forth the sequence in which notification will be made in the event the Corporate Emergency Plan is partially or completely activated.

2.0 DISCUSSION

Once an emergency has been declared by the Site Emergency Coordinator, the individuals of the emergency response organization will be notified. Speedy and accurate notification of the emergency response organization is necessary to ensure that the individuals involved report to the Emergency Operations Facility (EOF) of their respective emergency stations as rapidly as possible.

3.0 RESOURCES

- 3.1 Bell Telephone System
- 3.2 Company Telephone System
- 3.3 Company Radio Network
- 3.4 Company Emergency Communication System
- 3.5 Emergency Notification System (Red Phones)

4.0 RESPONSIBILITIES

Expeditious notification of required off-site personnel will be the responsibility of the individuals named in this procedure. Managers at the Corporate office may elect to notify other company personnel than those listed as their responsibility in order to meet the requirements of a particular emergency; however, they must carry out their responsibilities and assignments listed below. All notifications will be made as quickly as possible using the resources available. Telephone numbers for use in notification are shown in Exhibit 4.1. Figure 1.4-1 shows notification responsibilities.

Notification of Significant Events will be accomplished in accordance with 10CFR paragraph 50.72 and the Nuclear Plant Significant Event Notification Procedure NO-7.13.

Notification of plant personnel will be accomplished in accordance with plant specific emergency procedures.

5.0 METHOD

- 5.1 Site Emergency Coordinator is responsible to notify the Vice President - Nuclear Operations or his alternate subject to all nuclear plant emergency conditions. If activated, the Vice President - Nuclear Operations or his alternate reports to the affected site and assumes the role of Emergency Response Manager.
- 5.2 The Vice President - Nuclear Operations or his alternate notifies the individuals listed below, at his discretion, during an UNUSUAL EVENT: however, he must notify all personnel listed below in case of an ALERT, SITE EMERGENCY, or GENERAL EMERGENCY:
 - 5.2.1 Senior Vice President - Power Supply or his alternate. If activated, this person assumes the role of Corporate Emergency Operation Center (CEOC) Manager.
 - 5.2.2 Manager - Radiological and Chemical Support Section or his alternate. If activated, this person reports to the affected site and assumes the role of Radiological Control Manager.
 - 5.2.3 Manager - News Services or his alternate. If activated, this person reports to the affected site and assumes the role of Site Public Information Coordinator.
 - 5.2.4 Vice President - Nuclear Safety and Research or his alternate. If activated, this person reports to the affected site and assumes the role of Corporate Spokesman.
 - 5.2.5 Assistant to Vice President - Nuclear Operations or Alternate, Manager - Nuclear Training. If activated, this person reports to the affected site and assumes the role of Assistant to the Emergency Response Manager.
- 5.2 The Senior Vice President - Power Supply or his alternate notifies individuals listed below, at his discretion, during an UNUSUAL EVENT: however, he must notify all personnel listed below in case of an ALERT, SITE EMERGENCY, or GENERAL EMERGENCY.
 - 5.3.1 CEOC Operations Coordinator
 - 5.3.2 Executive Vice President
 - 5.3.3 Corporate Vice Chairman, as appropriate
 - 5.3.4 Corporate Chairman/President, as appropriate

- 5.3.5 Vice President - Corporate Communications or his alternate
- 5.3.6 Director - Corporate Health Physics or his alternate. If activated, this person reports to the State Emergency Operations Center (SEOC) and assumes the role of SEOC Technical Representative.
- 5.4 The Assistant to the Vice President - Nuclear Operations or his alternate notifies the individuals listed below during an ALERT, SITE EMERGENCY, or GENERAL EMERGENCY:
 - 5.4.1 Manager - Corporate Quality Assurance. If activated, this person reports to the affected site and assumes the role of alternate Emergency Response Manager.
 - 5.4.2 Manager - Nuclear Training. If activated, this person reports to the affected site and assumes the role of alternate Assistant to the Emergency Response Manager.
 - 5.4.3 Director - Safety Review, Nuclear Engineering or his alternate. If activated, this person reports to the affected site and assumes the role of Technical Analysis Manager.
 - 5.4.4 Manager - Construction Procurement & Contracting or his alternate. If activated, this person reports to the affected site and assumes the role of Administrative and Logistics Manager.
- 5.5 The CEOC Operations Coordinator notifies individuals listed below during an UNUSUAL EVENT or ALERT as directed by the Senior Vice President - Power Supply or his alternate; however, he must notify AMERICAN NUCLEAR INSURERS (ANI) in the case of an ALERT. He must notify all personnel listed below in case of a SITE EMERGENCY or GENERAL EMERGENCY.
 - 5.5.1 CEOC System Communications Coordinator
 - 5.5.2 Manager - Corporate Administrative Services or her alternate to open and staff the General Office Garage, and if required set up the CEOC (rooms 1112B and 1113).
 - 5.5.3 CEOC Personnel
 - 5.4.7.1 Administrative Coordinator
 - 5.4.7.2 Environmental and Radiation Control Coordinator
 - 5.4.7.3 Operations and Maintenance Coordinator
 - 5.4.7.4 Office Services Coordinator

- 5.5.4 American Nuclear Insurers (ANI)
- 5.6 Vice President - Corporate Communications or his alternate notifies if considered appropriate:
 - 5.6.1 The Executive Vice President and General Counsel
Alternate: Chairman/Chief Executive Officer
 - 5.6.2 The Vice President - Eastern Division
Alternate: Manager - Wilmington District
 - 5.6.3 The Vice President - Southern Division
Alternate: Manager - Governmental Affairs, S.C.
 - 5.6.4 The Vice President - Rates & Services Practices
Alternate: Manager - Wholesale Contracts & Rate Planning
 - 5.6.5 The Vice President - Planning & Coordination
Alternate: Director of Staff Services
 - 5.6.6 Atomic Industrial Forum
 - 5.6.7 Edison Electric Institute
- 5.7 Executive Vice President and General Counsel or his alternate notifies State Government if considered appropriate:
 - 5.7.1 Governor, North Carolina
 - 5.7.2 Secretary - Crime Control & Public Safety
 - 5.7.3 N.C. Utilities Commission, Chairman; N.C.U.C. Public Staff, Director
 - 5.7.4 Governor, South Carolina
 - 5.7.5 Deputy Commissioner for Health & Safety
 - 5.7.6 S.C. Public Service Commission Chairman
Alternate: Executive Director
- 5.8 Vice President - Planning & Coordination or his alternate notifies if considered appropriate:
 - 5.8.1 South Carolina Public Service Commission Staff
 - 5.8.2 North Carolina Utilities Commission
 - 5.8.3 North Carolina Utilities Commission Public Staff
- 5.9 Vice President - Southern Division or his alternate notifies if considered appropriate:

- 5.9.1 District Manager - Sumter, South Carolina
- 5.9.2 Area Manager - Hartsville, South Carolina
- 5.9.3 Area Manager - Darlington, South Carolina
- 5.10 Manager - Eastern Division notifies the District Manager -
Wilmington, North Carolina if considered appropriate.
- 5.11 Manager - Corporate Administrative Services or her alternate
notifies:
 - 5.11.1 Personnel to operate Corporate Switchboard
 - 5.11.2 Manager - Corporate Facilities who will notify
personnel to operate Corporate General Office Garage,
Harris E&EC Motor Pool, and the Corporate Helicopter
Service in accordance with CEPIP 2, "Emergency
Response Team Transportation."
 - 5.11.3 Personnel to set up CEOC in accordance with CEPIP-8,
"CEOC Activation and Operation."
- 5.12 CEOC System Communications Coordinator notifies appropriate
communications personnel.
- 5.13 Emergency Organization Managers notify members of their teams as
appropriate. If urgency exists, individual Emergency
Organization Managers should arrange their own transportation to
the affected site in accordance with CEPIP-2, "Emergency
Response Team Transportation".
- 6.0 DOCUMENTATION
 - 6.1 Records of notification will be maintained by all individuals
responsible for making any notification.
- 7.0 REFERENCES
 - 7.1 Corporate Emergency Plan
 - 7.2 H. B. Robinson Steam Electric Plant Emergency Response Plan
 - 7.3 Brunswick Steam Electric Plant Emergency Response Plan

EXHIBIT 4.1
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

Site Emergency Coordinator

To:

1. B. J. Furr
Vice President
Nuclear Operations
919-836-6253
(919-467-4687)
(919-737-0550) Pager
- *Alternates:
Assistant to EOF Manager
J. L. Harness
Assistant to Vice President
Nuclear Operations
919-457-9521
(919-467-3260) Raleigh
(919-278-3596) Long Beach
- Manager - Corporate
Quality Assurance
(919-876-3587)
- Assistant to EOF Manager
J. R. Bohannon
Manager: Nuclear
Training
919-362-8633
(919-787-7493)

*An alternate should be notified in the order listed whenever the Vice President - Nuclear Operations cannot be contacted.

EXHIBIT 4.1 (Cont'd)

CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Vice President
Nuclear Operations

1. L. W. Eury 919-836-6331
Senior Vice President (919-787-6295)
Power Supply

Alternates:

Alternate:

Manager - Corporate Quality Assurance

- E. E. Utley 919-836-6464
Executive Vice President (919-787-8562)

Assistant to Vice President
Nuclear Operations

2. Mac S. Harris 919-836-6216
Manager - News Service (919-872-3109)

1-7
Manager - Nuclear Training

Alternate:

- W. L. Ennis 919-836-6189
News Coordinator (919-787-7383)
News Services

3. T. S. Elleman 919-836-7617
Vice President (919-782-6685)
Corporate Nuclear Safety & Research

Alternate:

- P. W. Howe 919-457-9521 Ext. 361
Vice President (919-278-3549)
Brunswick Nuclear Project

4. B. H. Webster 919-362-8633
Manager (919-467-7119)
Radiological & Chemical Support

Alternate:

- J. A. Padgett 919-352-8633
Director - Health Physics (919-467-4291)
Radiological & Chemical Support

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Vice President Nuclear Operations (cont'd)

5. J. L. Harness
Assistant to Vice President
Nuclear Operations

919-457-9521
(919-467-3260) Raleigh
(919-278-3596) Long Beach

Alternate:
J. R. Bohannon
Manager - Nuclear Training

919-362-8633
(919-787-7493)

EXHIBIT 4.1 (Cont'd)

CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

Senior Vice President
Power Supply

Alternate: Executive Vice President

1. A. L. Morris 919-836-6216
Vice President (919-787-0132)
Corporate Communications

Alternate:
D. L. Anderson 919-836-6571
Manager - Communications Services (919-787-7278)

2. R. M. Coats 919-836-6031
Assistant to Group Executive - (919-467-8454)
Power Supply

Alternate:
W. G. Gambrell 919-836-7045
Principal Specialist 919-851-8011
Nuclear Administration

3. E. E. Utley 919-836-6464
Executive Vice President (919-787-8562)

4. J. A. Jones 919-836-6222
Vice Chairman (919-787-5296)

5. S. H. Smith, Jr. 919-836-6382
Chairman/President (919-782-2224)
Chief Executive Officer

6. R. L. Mayton, Jr. 919-836-6254
Director - Corporate Health (919-847-0012)
Physics

Alternate:
E. M. Rollins 919-836-7607
Senior Specialist (919-848-0489)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notifications Initiated By:

Assistant to Vice President -
Nuclear Operations

Alternate:
Manager - Nuclear Training

To:

1. J. L. Harness
Assistant to Vice President
Nuclear Operations
919-457-9521
(919-467-3260) Raleigh
(919-278-3596) Long Beach
2. H. R. Banks
Manager - Corporate
Quality Assurance
919-836-7480
(919-876-3587)
3. J. R. Bohannon
Manager - Nuclear Training
919-362-8633
(919-787-7493)
4. S. McManus
Director - Safety Review
Nuclear Engineering
919-836-7202
(919-772-5870)

Alternate:
J. G. Hammond
Director - On-Site Nuclear Safety
919-836-7321
(919-851-6938)
5. S. H. Hamilton
Manager - Construction
Procurement & Contracting
919-836-6013
(919-772-5235)

Alternate:
J. E. Rice
Manager - Purchasing
919-836-6988
(919-469-1422)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Assistant to Group Executive -
Power Supply

1. C. E. Gustafson
Manager - Transmission Substation
Maintenance 919-836-6505
(919-787-5543)

Alternate:
Principal Specialist Nuclear
Administration

Alternate:
J. W. Townsend 919-836-7642
Manager - Relay and Electronics
Engineering & Construction (919-872-6366)

2. B. K. Allen 919-836-6309
Manager - Corporate
Administrative Services (919-872-1579)

Alternate:
W. A. Simmons 919-836-7202
Manager - Corporate Facilities (919-772-5870)

3. R. E. Cleveland 919-836-7605
Project Specialist - Administration (919-467-5162)

Alternate:
S. F. Stidham 919-836-7752
Project Specialist - Administration (919-781-4690)

4. G. R. Speight 919-836-7645
Senior Health Physicist (919-847-7522)

Alternate:
D. L. Beidelman 919-836-7880
Health Physicist (919-851-5325)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Assistant to Group Executive -
Power Supply (cont'd)

- | | | |
|----|---|--------------------------------|
| 5. | K. E. Bromschenk (PWR) Generation Maintenance Engineer | 919-836-6156 (919-787-3855) |
| | Alternate: W. T. Gainey (PWR) Project Specialist - Special Projects | 919-836-6417 (919-467-8622) |
| 6. | D. C. Stadler (BWR) Project Engineer - Nuclear Licensing | 919-836-6739 (919-781-9461) |
| | Alternate: W. W. Price Principal Engineer - Electrical Unit | 919-836-6424 (919-851-1892) |
| 7. | H. R. Hutchins Office Services Supervisor Nuclear Operations | 919-836-6525 (919-832-3280) |
| | Alternate: M. L. Sparks Office Services Coordinator | 919-836-6328 (919-779-2419) |
| 8. | M. R. Colavito | 919-836-6698 (919-553-4146) |
| | S. Barnette | 919-836-6107 |
| | P. Page | 919-836-6629 |
| | B. Toole | 919-836-6069 (919-847-1021) |
| | K. Belvin | 919-836-7270 (919-876-0143) |

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Assistant to Group Executive -
Power Supply (cont'd)

- | | | |
|----|---------------------------------|--------------------|
| 9. | American Nuclear Insurers (ANI) | 203-677-7305, 7715 |
| 1. | Jack Harwood | Ext. 207 |
| 2. | Joe Marrone | Ext. 203 |
| 3. | Charles Bardes | Ext. 201 |
| 4. | John Quartocchi | Ext. 230 |

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Vice President
Corporate Communications

1. W. E. Graham, Jr. 919-836-6300
Executive Vice President and (919-787-7246)
General Counsel

Alternate:
Manager - Communications Services

Alternate: S. H. Smith, Jr. 919-836-6382
Chairman/President (919-782-2224)
Chief Executive Officer

2. Robert Lively 919-799-6400
Manager (919-799-4801)
Eastern Division

Alternate: Fred Day 919-762-4411
Manager (919-791-2356)
Wilmington District

3. C. Joe Turner 803-662-3264
Vice President (803-665-2925)
Southern Division

Alternate: F. G. Voss 803-662-3264
Manager - Governmental Affairs, S.C. (803-662-5514)

4. B. L. Montague 919-836-7565
Vice President (919-876-4943)
Planning & Coordination

Alternate: W. W. Smith 919-836-7260
Manager - Planning and Support (919-848-1123)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Vice President
Corporate Communications (cont'd)

- | | | |
|----|--|--------------------------------|
| 5. | Norris Edge Vice President - Rates & Service Practices | 919-836-6101 (919-876-2675) |
| | Alternate: Dale M. Bouldin Manager - Wholesale Contracts & Rate Planning | 919-836-6859 (919-772-8325) |
| 6. | Paul Turner Atomic Industrial Forum | 301-654-9260 |
| 7. | W. S. Morris Edison Electric Institute | 202-828-7400 |

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Executive Vice President and General Counsel

1. Richard Riley
Governor of
South Carolina 803-765-2469

Alternate:
Chairman/President
Chief Executive Officer

2. M. V. Dantzler
Deputy Commissioner
for Health & Safety 803-758-5443
(803-787-7449)

3. Henry G. Yonce
Chairman, S. C.
Public Service Commission 803-758-3565
(803-781-4112)

Alternate:
James H. Still
Executive Director 803-758-3621
(803-794-5665)

4. James B. Hunt
Governor of
North Carolina 919-733-3871

Heman R. Clark
Secretary of Crime
Control & Public Safety 919-733-2126

(Call for car 80
via Patrol
Dispatcher) (919-733-3861)

Robert Koger
Chairman,
N. C. Utilities Commission 919-733-4070
(919-787-3153)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Executive Vice President and General Counsel
(Cont'd)

Alternate:
Robert Fischbach
Director, N.C.U.C.
Public Staff

919-733-2435
(919-781-2515)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Vice President
Planning &
Coordination

1. Richard Smith
S.C. Public Service
Commission Staff
803-758-2342

Alternate:
Manager -
Planning & Support

Alternate:
R. M. Bryson
S. C. Public Service
Commission Staff
803-758-2342

2. Allen Clapp
N. C. Utilities Commission
919-733-3969

Alternate:
Robert Gruber
N. C. Utilities Commission
919-733-3969

3. Dennis Nightingale
N.C.U.C. Public Staff
919-733-2267

Alternate:
Bill Cozzi
N.C.U.C. Public Staff
919-733-2267

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

Vice President
Southern Division

Alternate:
Manager, Governmental
Affairs, S.C.

To:

1. L. F. Owens
District Manager
Sumter, S.C. 803-775-4304
(803-773-3595)
2. L. D. Poe
Area Manager
Hartsville, S.C. 803-332-1151
(803-332-5274)
3. Frances Parnell
Area Manager
Darlington, S.C. 803-393-3511
(803-346-7440)

EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

To:

Robert Lively
Manager
Eastern Division

1. Fred Day
Manager
Wilmington District

919-762-4411
(919-791-2356)

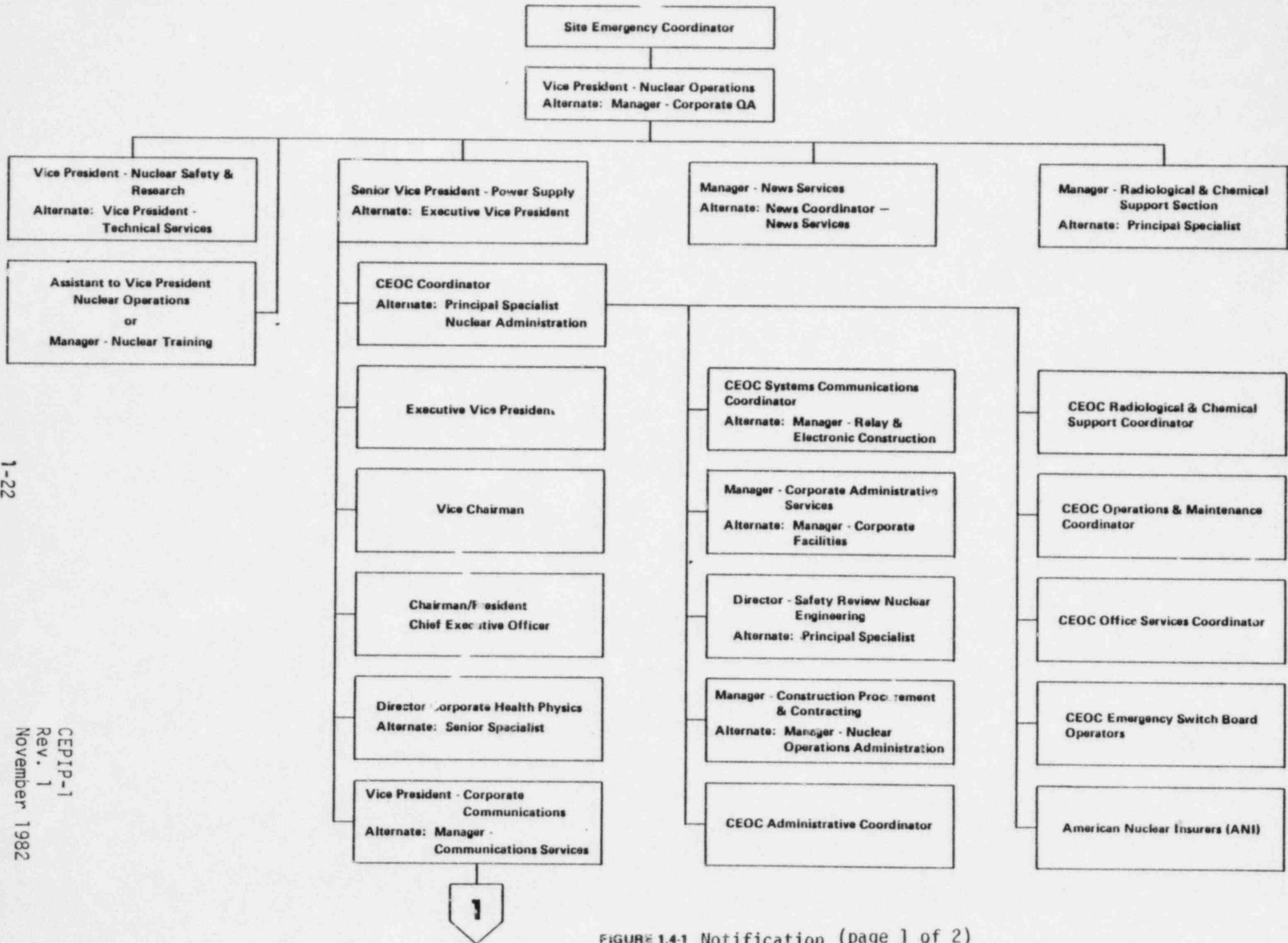
EXHIBIT 4.1 (Cont'd)
CORPORATE EMERGENCY PLAN NOTIFICATION LIST

Notification Initiated By:

Barbara K. Allen
Corporate
Administrative Services

To:

1. B. W. Shearin
Supervisor - Telephone Services 919-836-6109 Manager -
(919-876-5452)
2. W. A. Simmons
Manager - Corporate Facilities 919-836-7202
(919-772-5870)
3. S. E. Thompson
Supervisor - Mail & Office Services 919-836-6497
(919-772-3468)
4. J. E. Peterson
Director - Center Plaza Building 919-836-7349
Operations & Maintenance (919-782-2944)



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CEPIP-1
Rev. 1
November 1982

FIGURE 1.4-1 Notification (page 1 of 2)

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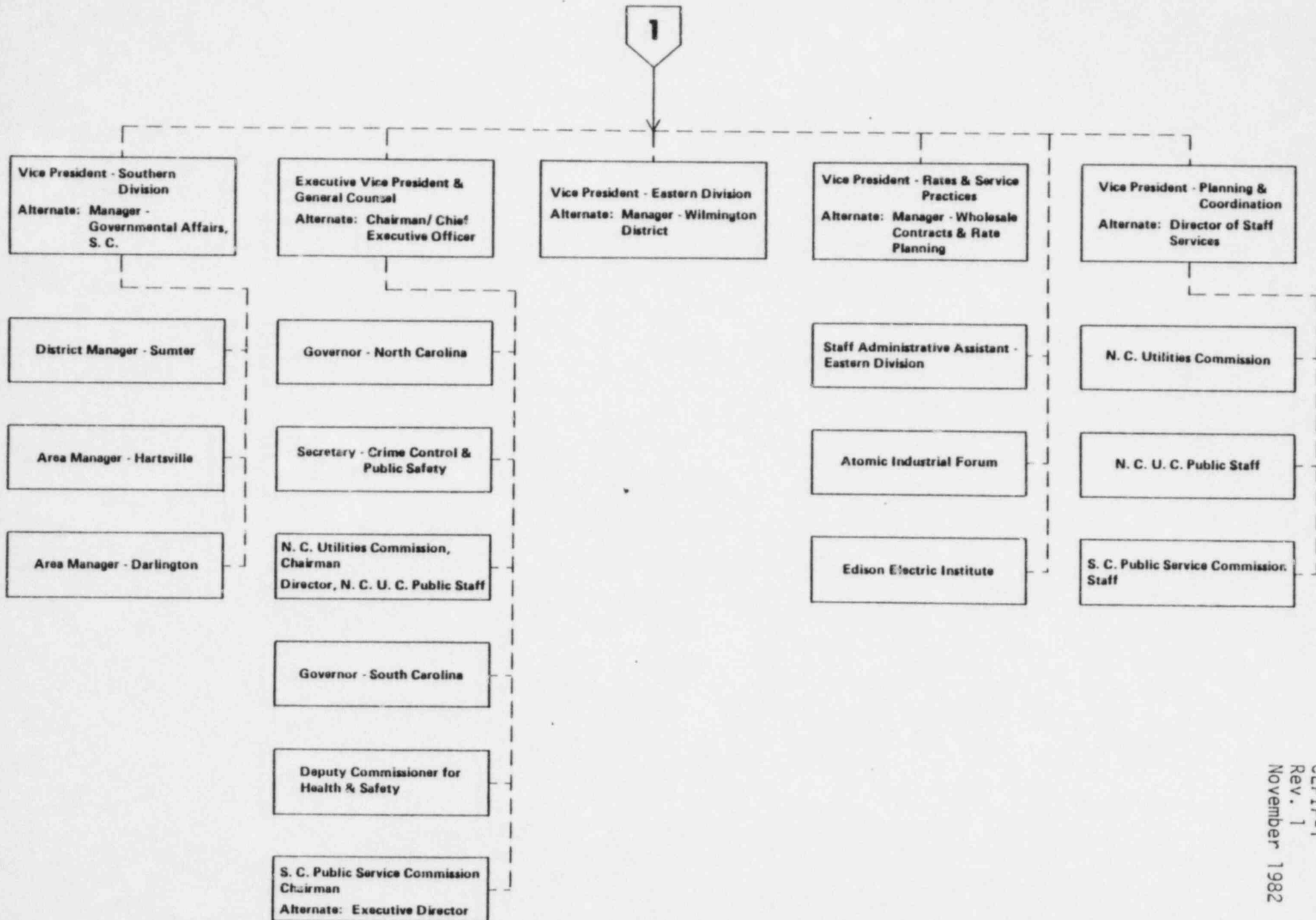
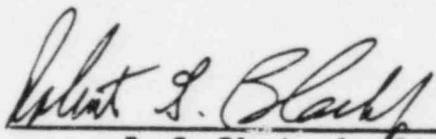


FIGURE 1.4-1 NOTIFICATION (Page 2 of 2)

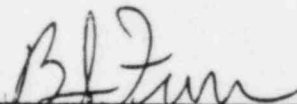
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November 1982

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 2

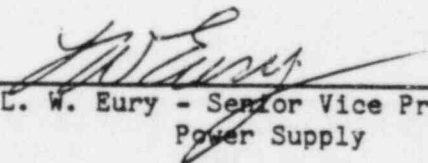
TITLE: Emergency Response Team Transportation

Recommended By: 
R. G. Black, Jr. Director
Emergency Preparedness

Date: Oct 29, 1982

Concurrence By: 
B. G. Furr - Vice President
Nuclear Operations

Date: 11-1-82

Approved By: 
L. W. Eury - Senior Vice President
Power Supply

Date: 11/3/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 2, EMERGENCY RESPONSE TEAM TRANSPORTATION

1.0 PURPOSE

This procedure delineates the responsibilities and outlines the methods necessary to assure prompt transportation of the emergency response team from the Corporate Office to the affected plant site.

2.0 DISCUSSION

Upon activation of the Corporate Emergency Plan, the Manager - Corporate Facilities or his alternate is responsible for providing transportation for the emergency organization managers and their staffs from the Corporate Office to the affected site. Transportation of these managers and staffs will be given priority over other nonemergency use of corporate aircraft and vehicles available within the General Office and Harris Energy and Environmental Center motor pools. When the quantity of vehicles within the Company motor pools is not adequate to meet emergency needs, the Manager - Corporate Facilities has the authority and the responsibility to obtain transportation from sources outside the Company.

If urgency requires, emergency organization personnel may make their own transportation arrangements including using personal vehicles, or directly contacting the motor pool or aircraft service for transportation (see Exhibit 2.2-1).

Helicopter departure points (day or night) in the Raleigh area are the Raleigh-Durham Aviation Terminal at the Raleigh-Durham Airport and a temporary landing pad near the CP&L General Warehouse on Garner Loop Road in Garner, N. C. (see Exhibit 2.2-2 and Exhibit 2.2-3). A temporary landing area has been used at the Brunswick Plant on the gravel parking lot near the access road to the plant (see Exhibit 2.2-4). The H. B. Robinson Plant uses a temporary landing pad that is located on the edge of the CP&L parking lot and Lake Robinson (see Exhibit 2.2-5).

3.0 RESOURCES

- 3.1 Corporate Facilities Staff
- 3.2 General Office Motor Pool
- 3.3 Harris Energy and Environmental Center Motor Pool
- 3.4 Vendor Contracts
- 3.5 Corporate Aircraft

4.0 RESPONSIBILITIES

- 4.1 The Manager - Corporate Facilities or his alternate will maintain a staff notification chart and duty roster to assure

- prompt mobilization of personnel to dispense vehicles to the emergency organization.
- 4.2 Upon notification that the Corporate Emergency Plan has been activated, the Manager - Corporate Facilities or his alternate has the following responsibilities:
- 4.2.1 Notify the appropriate Corporate Facilities staff members to report to respective motor pools and to dispense vehicles to the emergency organization.
 - 4.2.2 Assess the adequacy of available transportation and provide for transportation from outside sources as necessary to assure the availability of prompt transportation for the emergency organization. Letters of agreement from vendors should be maintained and updated at least annually.
 - 4.2.3 Maintain duty roster to assure 24 hour per day operation until the Manager - Corporate Emergency Operations Center or his designee determines the Corporate Facilities staff can return to normal working hours.
- 4.3 The designated motor pool staff personnel will have the following responsibilities:
- 4.3.1 Report promptly to their respective motor pools.
 - 4.3.2 Assign available transportation to the emergency organization managers and their respective staffs in a timely and organized manner.
 - 4.3.3 Procure transportation from outside sources as needed.
- 4.4 The Radiological and Chemical Support Section Manager will, if air transportation is not available, assure transportation for himself and his staff between the Harris Energy and Environmental Center and the affected plant site.
- 4.5 The Emergency Response Manager (Vice President - Nuclear Operations or alternate) will make arrangements for helicopter service and will notify the corporate aircraft pilot (or alternate) of helicopter needs, passenger list, and pickup locations as appropriate. First priority for air transportation to the affected site will be given to the Vice President - Nuclear Operations, Vice President - Corporate Nuclear Safety & Research, Manager - Radiological & Chemical Support, and Manager - News Services or their alternates identified in CEPIP 1, "Corporate Emergency Plan Notification."

- 4.6 The aircraft pilot and copilot will ensure that the phone numbers where he can be reached are up-to-date, that he can be contacted day or night, and that he is capable of performing flight duties.
- 4.7 Emergency organization managers and their staffs will assure transportation for themselves between the Corporate Office and the affected site.

5.0 METHOD

- 5.1 Upon notification that the Corporate Emergency Plan has been activated, the Manager - Corporate Facilities will notify appropriate members of his staff.
- 5.2 The Corporate Facilities staff members will report promptly to their respective facility and begin inventory on available transportation.
- 5.3 If transportation is not available for thirty (30) persons, arrangements should begin immediately to procure transportation from sources outside the Company.
- 5.4 As the emergency organization managers and their staffs arrive, every effort should be made to fully utilize all vehicles; keeping in mind that in some cases, expediency of departure should take precedence over efficient utilization.
- 5.5 Upon notification that the Corporate Emergency Plan has been activated, the corporate aircraft pilot will make available helicopter services as directed by appropriate authority.
- 5.6 Emergency organization managers and their staffs will report to the General Office Garage or the Harris Energy and Environmental Center Motor Pool for vehicle assignments. If urgency requires, personnel may make use of their own personal vehicles. Personnel identified in Section 4.2 above may directly contact aircraft services for transportation.

6.0 DOCUMENTATION

- 6.1 Letters of agreement from vendors
- 6.2 Corporate Facilities notification chart
- 6.3 Corporate Facilities duty roster including telephone numbers

7.0 REFERENCES

- 7.1 Corporate Emergency Plan
- 7.2 Appropriate department and section procedures

EXHIBIT 2.2-1
TRANSPORTATION CONTACT TELEPHONE NUMBERS

HELICOPTER SERVICE

NORMAL WORKING HOURS:

Mrs. Jan Henderson (919) 836-6329 (Gen. Off. Ext. 6329)

Alternate - Mrs. Rhonda Beard

AFTER HOURS/WEEKENDS/HOLIDAYS:

Randall A. Watkins (Randy) Home - (919) 469-2470
Chief Pilot Voice Pager - (919) 737-4440

Thomas J. Haroski Office - (919) 767-4057 (Winston Salem)
Executive Vice President Voice Pager - (919) 761-4457 (Winston Salem)
Triad Helicopter Service Home - (919) 945-9991 (Winston Salem)

Steven P. Karels Office - (919) 767-4057 (Winston Salem)
Director of Maintenance Home - (919) 998-4547 (Winston Salem)
Triad Helicopter Service

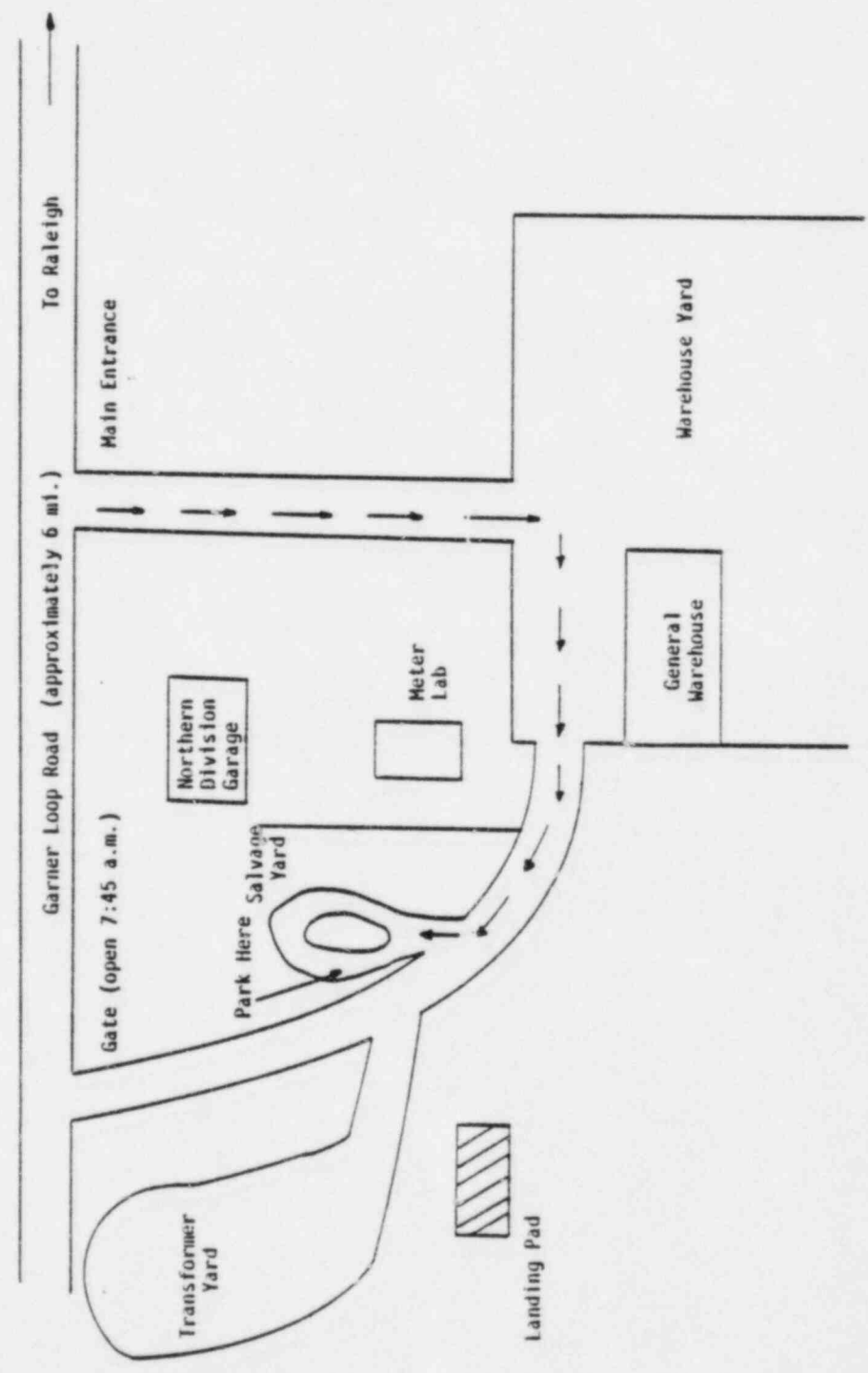
Center Plaza Building Office - (919) 836-7599
Security Guards

AUTOMOBILE SERVICE:

General Office Garage &
HE&EC Motor Pool

R. A. Clark Office - (919) 836-6841
Home - (919) 833-5202

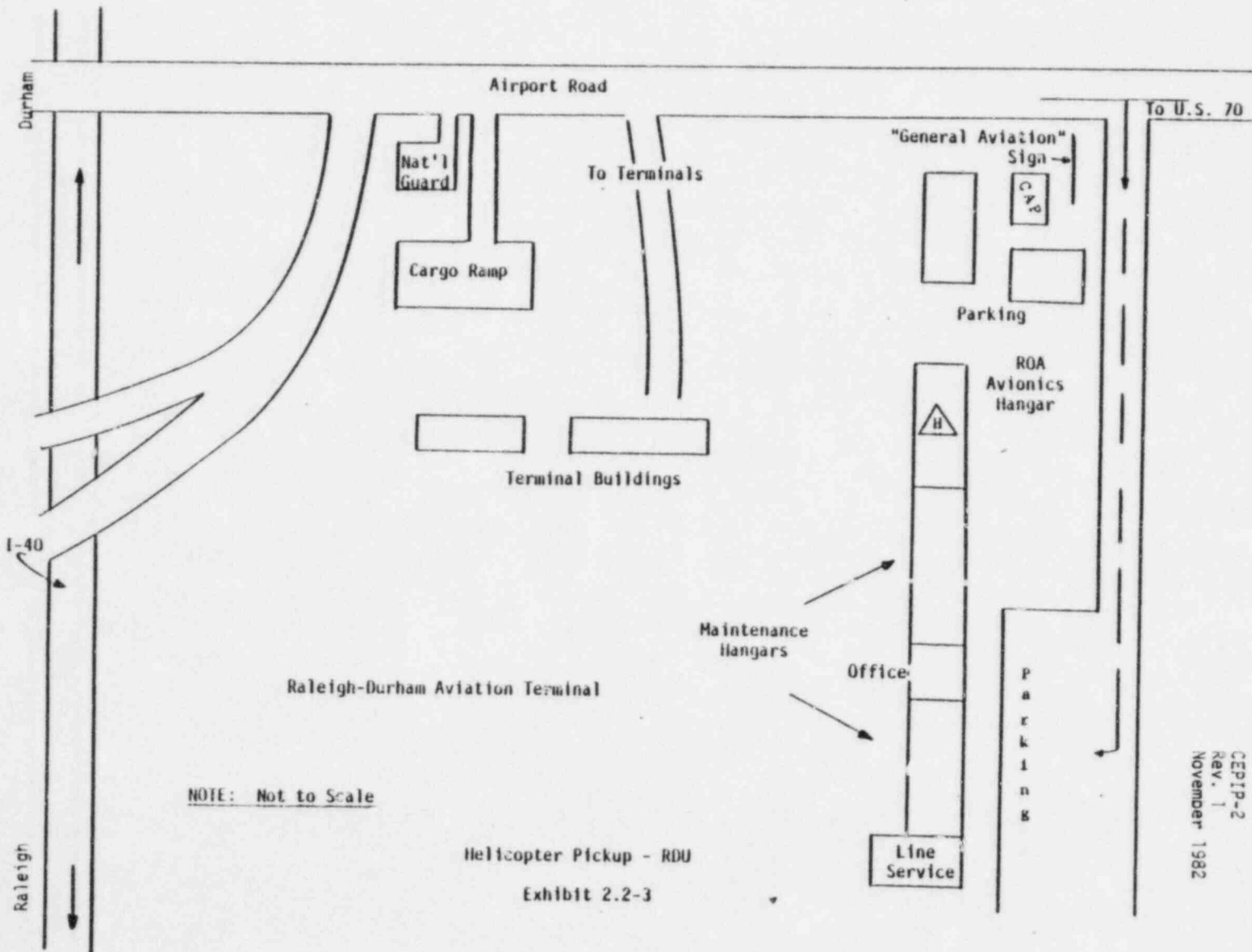
W. A. Simmons Office - (919) 836-7202
Home - (919) 772-5870



Helicopter Pickup General Warehouse Garner, N. C.

Exhibit 2.2-2

2-6

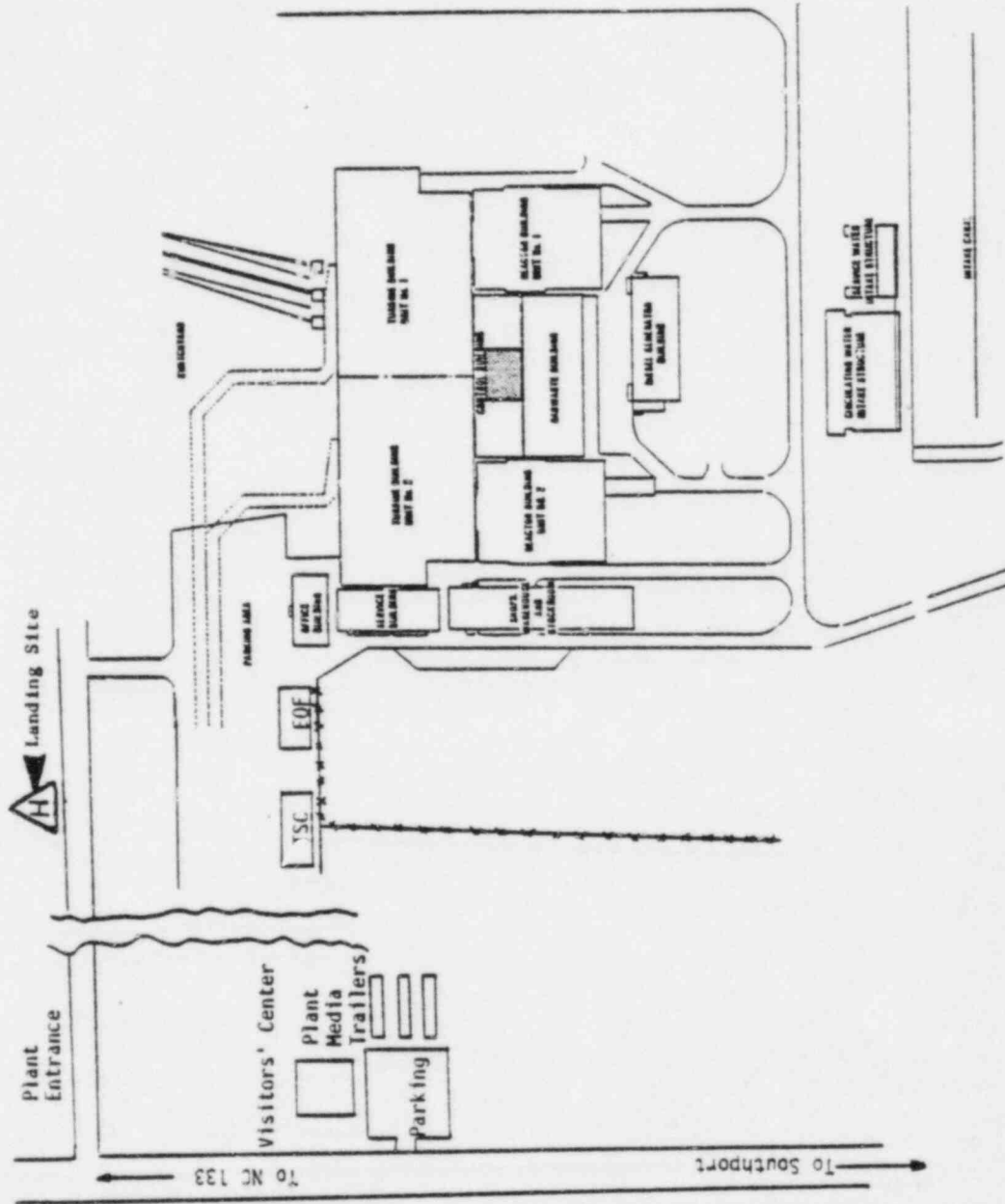


NOTE: Not to Scale

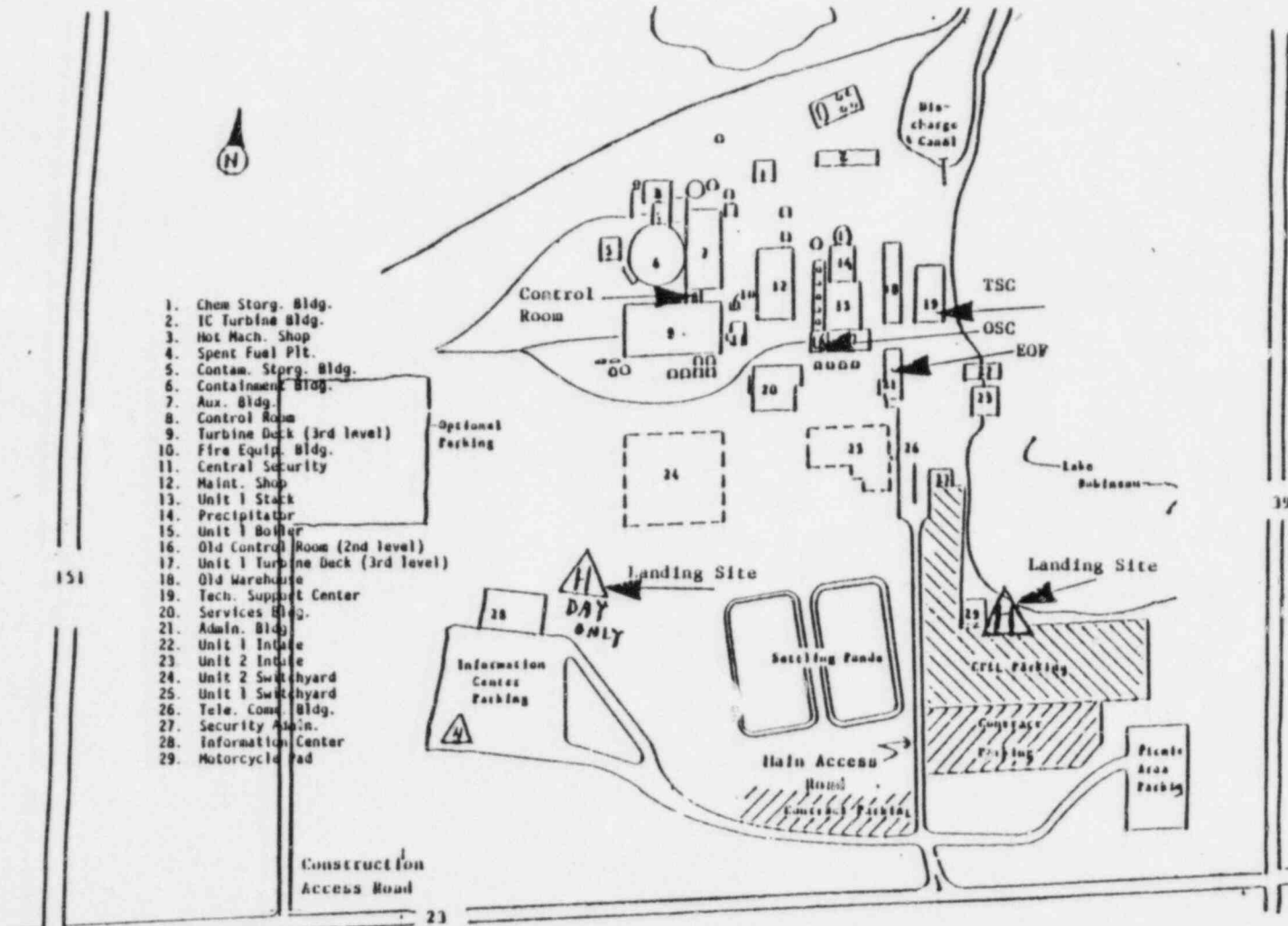
Helicopter Pickup - RDU
Exhibit 2.2-3

CEIP-2
REV. 1
November 1982

CEPIP-2
Rev. 1
November 1982



BSEP HELICOPTER LANDINGS SITE
EXHIBIT 2.2-4

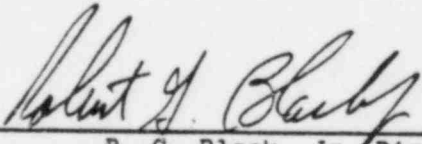


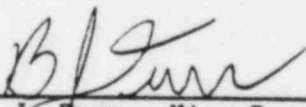
1. Chem Storg. Bldg.
2. IC Turbine Bldg.
3. Hot Mach. Shop
4. Spent Fuel Pit.
5. Contam. Storg. Bldg.
6. Containment Bldg.
7. Aux. Bldg.
8. Control Room
9. Turbine Duck (3rd level)
10. Fire Equip. Bldg.
11. Central Security
12. Maint. Shop
13. Unit 1 Stack
14. Precipitator
15. Unit 1 Boiler
16. Old Control Room (2nd level)
17. Unit 1 Turbine Duck (3rd level)
18. Old Warehouse
19. Tech. Support Center
20. Services Bldg.
21. Admin. Bldg.
22. Unit 1 Intake
23. Unit 2 Intake
24. Unit 2 Switchyard
25. Unit 1 Switchyard
26. Tele. Com. Bldg.
27. Security Ass'n.
28. Information Center
29. Motorcycle Pad

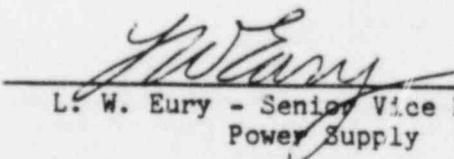
H. B. ROBINSON HELICOPTER LANDING SITES
EXHIBIT 2.2-5

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 3

TITLE: Emergency Response Manager

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/2/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 3, EMERGENCY RESPONSE MANAGER

1.0 PURPOSE

This procedure delineates the activity required of the Emergency Response Manager in order to execute Corporate Emergency Plan.

2.0 DISCUSSION

The Emergency Response Manager assumes responsibility of overall emergency response and coordinates the performance of all off-site related activities. He manages the Corporate emergency response activities from the Emergency Operations Facility (EOF) located onsite and marshals the Corporate resources needed to properly respond to the emergency as requested by the Site Emergency Coordinator and as he deems necessary.

3.0 RESOURCES

- 3.1 All corporate resources including personnel, equipment and financial assets.
- 3.2 Federal, state, and local agencies
- 3.3 Off-site agencies including equipment
- 3.4 Vendors, architect engineers, Nuclear Steam Supply System vendors, nuclear utilities, and educational institutions
- 3.5 Industry-sponsored institutions such as INPO, EPRI, EEI, AIF, and ANS

4.0 RESPONSIBILITIES

The Emergency Response Manager is responsible to the Corporate Emergency Operations Center Manager for:

- 4.1 Providing liaison between the Site Emergency Coordinator and off-site support personnel.
- 4.2 Marshalling off-site support as requires to support the Site Emergency Coordinator.
- 4.3 Supervising a staff located in the Emergency Operations Facility with expertise in dose assessment, environmental monitoring, radiation control, technical analysis, administration, and logistics.

5.0 METHOD

5.1 Upon notification of an emergency condition at a nuclear facility:

5.1.1 Record the following

Emergency classification _____
Notification time _____
Notified by (name) _____

Use one of the following forms to record notification information. These forms can be found in plant specific emergency notification procedures.

| | |
|--|-----------------|
| Unusual Event - | Exhibit 2.2-1 |
| Alert - | Exhibit 2.3-1 |
| Site Emergency | Exhibit 2.4-1 |
| Gen. Emergency | Exhibit 2.5-1 |
| Initial and Follow-Up Communication | Exhibit 3.1.1-1 |

5.1.2 Determine the level of Corporate emergency support necessary. Inform the Site Emergency Coordinator to initiate activation of the EOF if desired. (Activation is required for Site or General Emergency.) The EOF will be set up by plant personnel while EOF managers are in transit to the site.

5.1.3 Complete Emergency Response Manager's Initial Notification of Corporate Emergency Personnel call list (Notification list of Vice President - Nuclear Operations contained in CEPIP 1, "Corporate Emergency Plan Notification.") Request the Senior Vice President - Power Supply (or alternate) to activate, as appropriate, the Corporate Emergency Plan, and the Corporate Emergency Operations Center.

5.1.4 Determine best method of transportation to the site for the immediate response team in accordance with CEPIP-2, "Emergency Response Team Transportation". Proceed to affected plant if deemed necessary.

5.2 Upon arrival onsite, report to the Site Emergency Coordinator for plant status briefing. Review emergency details, plant conditions, radiological conditions, and status of the emergency with the SEC. (Utilize Exhibit 3.3-1 "Site Emergency Coordinator/ Emergency Response Manager Turnover Checklist.")

5.3 Determine need for and activate additional off-site assistance as necessary.

- 5.4 Complete EOF activation procedure contained in individual plant's Emergency Procedures
- 5.5 Inform the following that the EOF is activated:
 - 5.5.1 Site Emergency Coordinator (SEC)
 - 5.5.2 Corporate Spokesman
 - 5.5.3 Site Public Information Coordinator
 - 5.5.4 FEOC Manager/SERT Director (state)
 - 5.5.5 CEOC Manager
 - 5.5.6 NRC
 - 5.5.7 Others as appropriate
- 5.6 Assign additional technical representation to FEOC or SERT and County EOCs if needed.
- 5.7 Maintain communication capability with SEC, CEOC, FEOC or SERT, NRC, plant media center, corporate spokesman, and others as necessary to ensure that needed off-site resources are provided and that appropriate coordination with off-site activities is maintained.
- 5.8 EOF Staffing
 - 5.8.1 Arrange for staffing of two 12-hour shifts for each day for prolonged operations.
 - 5.8.2 Provide for orderly transfer of EOF functions from one shift to the next.
- 5.9 Ensure a continuing surveillance of the following activities to ensure procedure compliance:
 - 5.9.1 Documentation of EOF activities
 - 5.9.2 General Procedure compliance of EOF activities
 - 5.9.3 Security of the EOF
 - 5.9.4 EOF personnel accountability
 - 5.9.5 EOF radiation protection monitoring
 - 5.9.6 EOF communications
- 5.10 Coordinate off-site related activities.
- 5.11 Make NOTEPAD releases if desired.
- 5.12 As time is available, without detracting from full support to the SEC for earliest termination of the emergency, the following activities will be commenced:
 - 5.12.1 Develop a recovery plan.
 - 5.12.2 Identify resources needed to complete the recovery.
 - 5.12.3 Obtain services and equipment necessary to complete the recovery.

- 5.12.4 Conduct post-accident evaluation of the causes and consequences of the incident.
 - 5.12.5 Assess and determine the overall damage.
 - 5.12.6 Obtain necessary licenses required for repair of the unit or disposal of waste products.
- 5.13 Provide emergency termination notification (or EOF deactivated) to all off-site organizations notified of the emergency.
- 5.13.1 NRC
 - 5.13.2 CEOC
 - 5.13.3 FEOC/SERT Headquarters
 - 5.13.4 INPO
 - 5.13.5 FEMA
 - 5.13.6 Westinghouse
 - 5.13.7 Ebasco
 - 5.13.8 TSC
 - 5.13.9 Plant Media Center
 - 5.13.10 Corporate Spokesman

6.0 DOCUMENTATION

- 6.1 Detailed documentation during the emergency operations must be maintained to support the actions taken to recover from the emergency.

7.0 REFERENCES

- 7.1 Corporate Emergency Plan
- 7.2 Plant Radiological Emergency Plans
- 7.3 Plant Operating Manuals
- 7.4 Department and Section Procedures
- 7.5 Plant Drawings
- 7.6 State and Local Emergency Plans
- 7.7 Vendors' Emergency Plans
- 7.8 Technical Manuals
- 7.9 Final Safety Analysis Report (FSAR)

Exhibit 3.3-1

Site Emergency Coordinator/Emergency Response Manager Turnover Checklist

1. Review status of major plant safety equipment and systems. _____
2. Review cause and history of the emergency condition. _____
 - a. Initiating events
 - b. Sequence of follow-up events
 - c. Other details
3. Review and determine emergency actions initiated. _____
 - a. Plant-specific
 - b. Off-site
4. Review resources available on site and resources needed. _____
5. Review off-site notifications made. _____
 - a. Corporate
 - b. State
 - c. NRC
 - d. General Electric/Westinghouse
 - e. United Engineering and Constructors/Ebasco Services
 - f. Other: Duke, VEPCO, SCE&G, INPO, ANI, FEMA
6. Determine what other notifications should be made. _____
7. Determine other resources needed. _____
 - a. Personnel
 - b. Equipment
 - c. Other
8. Identify key personnel on duty. _____
 - a. Site Emergency Coordinator
 - b. Plant Operations Director

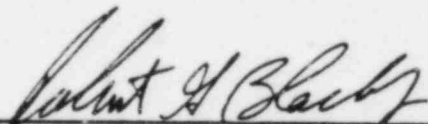
Exhibit 3.3-1 (con't)

- c. Emergency Repair Director
- d. Logistics Support Director
- e. Radiological Control Director
- f. SERT Representative

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 4

TITLE: Technical Analysis Manager

Recommended By:

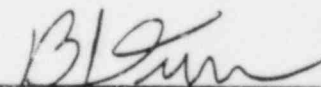


R. G. Black, Jr. Director
Emergency Preparedness

Date:

Oct 29, 1982

Concurrence By:




B. J. Furr - Vice President
Nuclear Operations

Date:

11-1-82

Approved By:



L. W. Eury - Senior Vice President
Power Supply

Date:

11/2/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 4 TECHNICAL ANALYSIS MANAGER

1.0 PURPOSE

This procedure delineates the requirements of the Technical Analysis Manager and the methods used to support the Corporate Emergency Plan (CEP) and the Emergency Response Manager.

2.0 DISCUSSION

- 2.1 The Technical Analysis Manager and staff, as shown on Figure 4.2-1 are responsible for analysis and development of plans and procedures necessary to support emergency response operations and maintain the affected Unit in a safe shutdown condition in a manner which minimizes the effect on the health and safety of the public.
- 2.2 Upon activation of the Corporate Emergency Plan, the Technical Analysis Manager and his staff will report to the affected plant when requested.
- 2.3 The Technical Analysis Manager will report to the Emergency Response Manager in carrying out his responsibilities, which are identified in the Corporate Emergency Plan and Section 4 of this procedure.
- 2.4 The Technical Analysis Manager and staff will be located on the affected plant site in the EOF or other facility as directed by the Emergency Response Manager. Necessary facility and administrative support will be provided in the EOF and other on-site facilities. Other support needed will be obtained with the assistance of Administrative and Logistic Staff Personnel.

3.0 RESOURCES

- 3.1 Technical Analysis Staff
- 3.2 Carolina Power & Light Company personnel as required
- 3.3 Harris Energy and Environmental Center laboratories and equipment
- 3.4 Training Simulator
- 3.5 Off-site agencies including Architect Engineering and Other Engineering/Consulting Firms, Nuclear Steam Supply System Vendors, Equipment Vendors, Nuclear Utilities, and Educational Institutions

4.0 RESPONSIBILITIES

The responsibilities of the Technical Analysis Manager include:

- 4.1 Provide technical support to the Emergency Response Manager in assessing the cause of the emergency.
- 4.2 Provide technical support to the Emergency Response Manager in systems analysis, core analysis, operating and maintenance procedure revisions, licensing information development and coordination, plant systems design data development, continued assessment of plant systems interaction, and continued determination of the safety status of the plant.
- 4.3 Coordinate the receipt and assessment of technical information related to plant systems and facility operations, and submit timely recommendations to the Emergency Response Manager for implementation.
- 4.4 Provide technical interface, as authorized by the Emergency Response Manager, to utility groups, consultants, technical investigation groups, and regulatory agencies.
- 4.5 Assess the impact of the incident on continued operation of other Company nuclear plants, and submit results of this assessment to the Emergency Response Manager for review and subsequent submittal to Corporate Management.
- 4.6 Establish a standby list of Company personnel to provide additional timely technical support as may be requested by the Emergency Response Manager during the emergency response operation.
- 4.7 Develop out-of-normal operating and emergency procedures as requested by the Emergency Response Manager.

5.0 METHOD

- 5.1 A list of personnel identified as members of the Technical Analysis Group will be maintained by the Technical Analysis Manager. Upon notification that the Corporate Emergency Plan has been activated, the Technical Analysis Manager shall notify appropriate members of the Technical Analysis Group and advise them if they are to report directly to the affected site or await further instructions.
- 5.2 When directed, the Technical Analysis Manager and his staff shall proceed to the affected site by utilizing Company and/or personal vehicles as directed in CEPIP-2,

- "Emergency Response Team Transportation". Technical Analysis staff members shall provide 24-hour-per-day coverage until directed otherwise by the Emergency Response Manager. The Technical Analysis Manager will identify lead personnel on each shift and shall also identify the individual to be his representative when he is away from the site.
- 5.3 Upon arrival at the site, the Technical Analysis Manager will report to the Emergency Response Manager and establish necessary communications with other Emergency Response Team Managers. The Technical Analysis Manager and his staff will establish working space in the EOF facilities as defined by the Corporate Emergency Plan, and Plant Emergency Plan or as needed to support the emergency response operation.
- 5.4 The organization chart shown on Figure 4.2-1 identifies the required functions of the Technical Analysis Group. This organization structure may be modified by the Emergency Response Manager as needed to more effectively support the emergency response effort.
- 5.5 As directed by the Emergency Response Manager, the Technical Analysis Manager shall proceed to take actions to carry out required responsibilities of the Technical Analysis Group. The technical support to be provided to the Emergency Response Organization will be in the following areas:
- 5.5.1 Plant systems operational analysis
 - 5.5.2 Fuel/Core analysis
 - 5.5.3 Operating and maintenance procedure revisions
 - 5.5.4 Licensing information development and coordination
 - 5.5.5 Plant systems mechanical/nuclear operational analysis and design data development
 - 5.5.6 Assessment of plant systems interaction and safety status of the plant
 - 5.5.7 Assessment of the impact of the incident on continued operation of other Company nuclear plants
 - 5.5.8 Other technical support as requested by the Emergency Response Manager
- 5.6 Coordination of the receipt and assessment of technical information on site and off site related to plant systems and facility operations will be done by the Technical Analysis Manager or a Lead Specialist as designated by the

Technical Analysis Manager. The technical information will be evaluated by the responsible Technical Analysis personnel and recommendations made to the Technical Analysis Manager. All recommendations requiring action will then be submitted in a timely manner to the Emergency Response Manager for his review and approval.

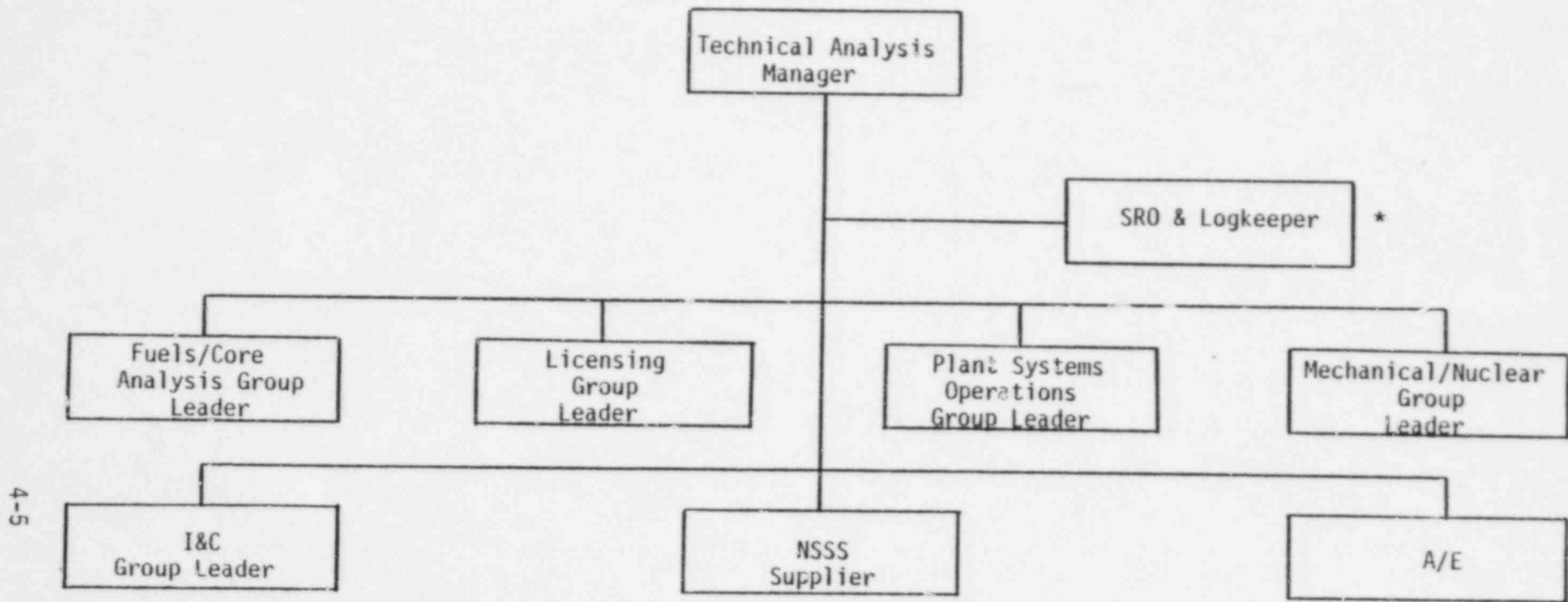
- 5.7 Technical interface will be provided to utility groups, consultants, technical investigation groups, regulatory agencies, or any other outside organization, as requested by the Emergency Response Manager.
- 5.8 The Technical Analysis Manager and staff will provide support to the Emergency Response Manager as needed to report to Corporate Management on the progress of the emergency response operation.

6.0 DOCUMENTATION

The Technical Analysis Manager shall ensure that complete documentation of all actions by the Technical Analysis Group will be maintained for later review, reference, and audit. This documentation shall be kept by the Technical Analysis Manager and given to the Emergency Response Manager or his designated alternate following termination of an emergency.

7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures
- 7.2 Plant Emergency Plan and Emergency Procedures
- 7.3 Plant Operating Manuals
- 7.4 Technical Library Manuals
- 7.5 Component Technical Manuals
- 7.6 Systems Descriptions
- 7.7 Plant Drawings
- 7.8 Plant Vault Documentation Records
- 7.9 Final Safety Analysis Report
- 7.10 Nuclear Steam System Supplier, Architect/Engineer, Vendor Emergency Plans



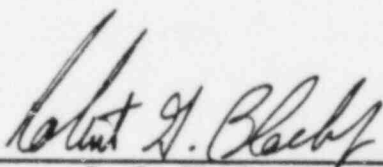
*Personnel furnished by plant

TECHNICAL ANALYSIS GROUP

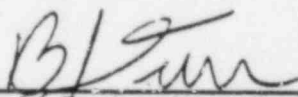
Figure 4.2-1

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 5


TITLE: Administrative and Logistics Manager

Recommended By: 
R. G. Black, Jr. Director
Emergency Preparedness

Date: Oct 29, 1982

Concurrence By: 
B. J. Furr - Vice President
Nuclear Operations

Date: 11-1-82

Approved By: 
L. W. Eury - Senior Vice President
Power Supply

Date: 11/3/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 5 ADMINISTRATIVE AND LOGISTICS MANAGER

1.0 PURPOSE

This Procedure delineates the requirements of the Administrative and Logistics Manager and the methods used to support the Corporate Emergency Plan (CEP) and the Emergency Response Manager.

2.0 DISCUSSION

- 2.1 The Administrative and Logistics Manager and staff as shown on Figure 5.2-1 provides administrative, logistic, on-site communications, and personnel support during the emergency response operations.
- 2.2 Upon activation of the Corporate Emergency Plan, the Administrative and Logistics Manager and his staff will report to the affected plant when requested.
- 2.3 The Administrative and Logistics Manager will report to the Emergency Response Manager in carrying out his responsibilities which are identified in the Corporate Emergency Plan and Section 4 of this procedure.
- 2.4 The Administrative and Logistics Manager and staff will be located on the affected site in the EOF or other facility as directed by the Emergency Response Manager.

3.0 RESOURCES

- 3.1 Administrative and Logistics staff
- 3.2 Company personnel and equipment
- 3.3 Equipment vendors
- 3.4 Nuclear industry sponsored organizations such as INPO, AIF, EEI, EPRI, and ANS
- 3.5 Federal, state, and local government agencies

4.0 RESPONSIBILITIES

The responsibilities of the Administrative and Logistics Manager include:

- 4.1 Provide assistance to the Emergency Response Manager in the planning, scheduling, and expediting of the emergency response operations.

- 4.2 Provide, in coordination with the Systems Communication Coordinator, communications personnel to install, maintain, and operate on-site communications facilities needed to carry out the emergency response activities.
- 4.3 Provide purchasing personnel responsible for locating, ordering, and receiving equipment and materials needed to carry out the emergency response activities.
- 4.4 Prepare an inventory of materials, supplies, and equipment that may be needed, and locate potential suppliers.
- 4.5 Provide processing of expense accounts, distribution of checks from payroll, and administration of other personal financial aspects of the emergency response organization.
- 4.6 Provide logistics arrangements for support personnel called in to assist in the emergency response operations, including communications hardware, transportation, room and board.
- 4.7 Establish and maintain a cost control/accounting system for the emergency operation. Preparation of timely reports to keep the Emergency Response Manager and Corporate Management informed of actual expenditures and committed costs of the emergency response operation will be performed.
- 4.8 Determine additional contracts, facilities, and services required by the emergency response organization.
- 4.9 Serve as a liaison between the Emergency Response Manager and the Legal Department.
- 4.10 Provide appropriate Company and Contractor insurance personnel to process claims for financial losses resulting from emergency activities.
- 4.11 Provide administrative services for the emergency response organization such as clerical, typing, and duplication.
- 4.12 Provide support for the screening, orientation, and badging of support personnel.
- 4.13 Provide any additional support to the Logistics Support Director as requested during the emergency.

5.0 METHOD

- 5.1 A list of personnel identified as members of the Administrative and Logistics Group will be maintained by the Administrative and Logistics Manager. Upon notification to activate the

Administrative and Logistics Group, the Administrative and Logistics Manager, or his designee, shall notify appropriate members of this group and advise them of where they are to report or to await further instructions.

- 5.2 When directed, the Administrative and Logistics Manager and his staff shall proceed to the affected site by utilizing Company and/or personal vehicles as directed in CEPIP-2, "Emergency Response Team Transportation". Administrative and Logistics staff members shall provide 24-hour-per-day coverage until directed otherwise by the Emergency Response Manager. The Administrative and Logistics Manager will identify lead personnel on each shift and shall also identify the individual to be his representative when he is away from the site.
- 5.3 Upon arrival at the site, the Administrative and Logistics Manager will report to the Emergency Response Manager and establish necessary communications with other Emergency Response Team Managers. The Administrative and Logistics Manager and his staff will establish working space in the EOF facilities as defined by the Corporate Emergency Plan and Plant Emergency Plan or as needed to support the emergency response operation.
- 5.4 The organization chart shown on Figure 5.2-1 identified the required functions of the Administrative and Logistics Group. This organization structure may be modified by the Emergency Response Manager as needed to more effectively support the emergency response effort.
- 5.5 As directed by the Emergency Response Manager, the Administrative and Logistics Manager shall proceed to take actions to carry out required responsibilities of the Administrative and Logistics Group. The administrative and logistical support to be provided to the Emergency Response Organization will be in the following areas:
 - 5.5.1 Installation and maintenance of a listing of potential suppliers.
 - 5.5.2 Providing plans to procure, expedite, and warehouse equipment and materials needed to carry out emergency response activities.
 - 5.5.3 Coordination of legal matters and processing of claims against the Company.
 - 5.5.4 Installation, maintenance, and operation of communication facilities.

- 5.5.5 Providing logistical support for personnel transportation, lodging, and payroll.
- 5.5.6 Establishment and implementation of a cost accounting system to reflect expenditures made during an emergency.
- 5.6 Installation, maintenance, and operation of communication facilities will be carried out under the overall direction of the System Communications Coordinator.
- 5.7 The Corporate Insurance Administrator or his alternate will be notified of any claims requiring processing as a result of emergency response activities. Incidents should be reported as soon as possible to ensure expeditious processing. The Claims Processor will perform his functions in accordance with existing corporate procedures pertaining to the reporting/processing of claims resulting in financial losses.
- 5.8 The Scheduling/Planning Supervisor will determine the logistics arrangements required for support personnel assisting in the emergency response operation. Arrangements will be coordinated as follows:
 - 5.8.1 Transportation requirements will be coordinated through the Manager - Corporate Facilities. Company vehicles will be utilized to the maximum. Centralized pick-up points will be designated to aid in the assembling and departure of support personnel.
 - 5.8.2 Lodging accommodations to include meals will be obtained and located in an area which will facilitate travel to and from the affected plant site.
- 5.9 The cost and accounting personnel will develop and maintain a cost control/accounting system for the emergency activities. Timely reports will be furnished to keep the Emergency Response Manager and company management informed of actual expenditures and committed costs of the emergency response operation.
- 5.10 The Financial Aide working under the Administrative Supervisor will provide for the processing of expense accounts, distribution of checks from payroll, and administration of other personal financial aspects of the emergency response organization.

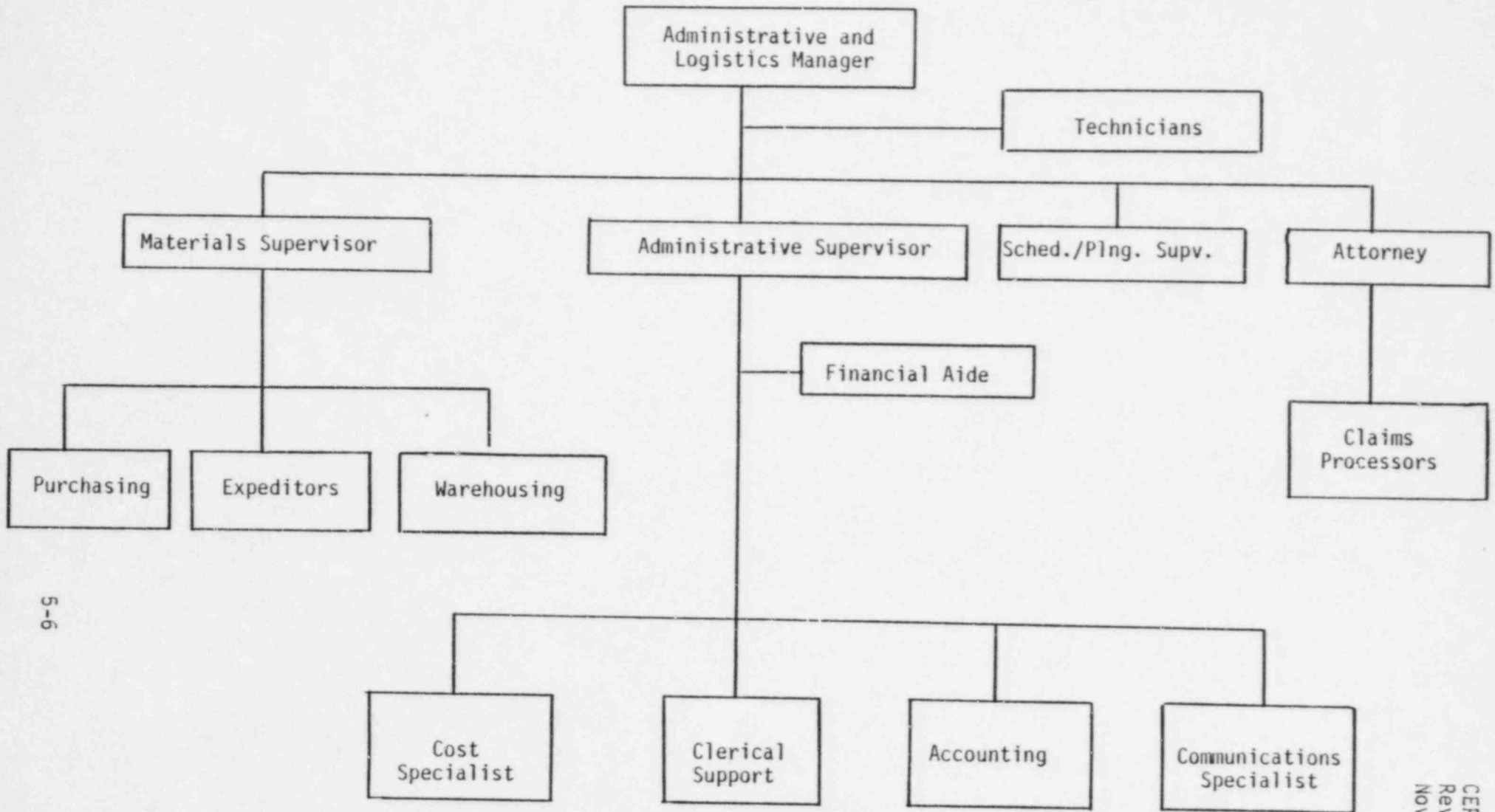
6.0 DOCUMENTATION

The Administrative and Logistics Manager shall ensure that complete documentation of all actions by the Administrative and Logistics Group will be maintained for later review, reference, and audit.

This documentation must be maintained by the Administrative and Logistics Manager and given to the Emergency Response Manager or his designated alternate following termination of an emergency.

7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures
- 7.2 State and Local Emergency Plans
- 7.3 Plant Emergency Plans and Emergency Procedures
- 7.4 Corporate Department Operating Procedures



5-6

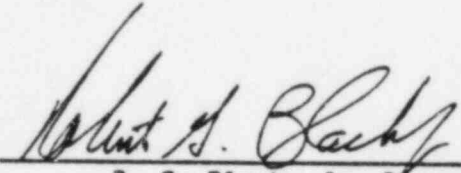
ADMINISTRATIVE AND LOGISTICS GROUP

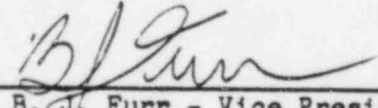
FIGURE 5.2-1

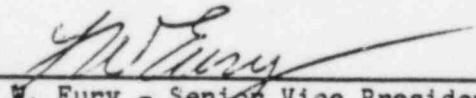
CEPIP-5
Rev. 1
November 1982

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 6

TITLE: Radiological Control Manager

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/2/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 6 RADIOLOGICAL CONTROL MANAGER

1.0 PURPOSE

This procedure delineates the requirements of the Radiological Control Manager (RCM) and the methods used to support the Corporate Emergency Plan and the Emergency Response Manager.

2.0 DISCUSSION

- 2.1 The Radiological Control Manager and staff as shown in Figure 6.2-1 are responsible for providing assistance to the Site Emergency Coordinator and Emergency Response Manager in the areas of Radiation Protection, Environmental Monitoring and Dose Assessment, Radwaste Treatment, and associated areas.
- 2.2 Upon activation of the Corporate Emergency Plan, the RCM and his staff will report to the affected plant when requested.
- 2.3 The Radiological Control Manager will report to the Emergency Response Manager in carrying out his responsibilities which are identified in the Corporate Emergency Plan and Section 4 of this procedure.
- 2.4 The Radiological Control Manager and staff will be located on the affected plant site in the EOF or other facilities as directed by the Emergency Response Manager. Necessary facility and administrative support will be provided in the EOF and other on-site facilities. Other support needed will be obtained with the assistance of Administrative and Logistic staff personnel.

3.0 RESOURCES

- 3.1 Environmental and Radiation Control staff
- 3.2 Harris Energy and Environmental Center laboratories and equipment
- 3.3 Mobile laboratory
- 3.4 Federal, state, and local health physics personnel and equipment
- 3.5 Carolina Power & Light Company personnel as required

4.0 RESPONSIBILITIES

The responsibilities of the Radiological Control Manager include:

- 4.1 Assist in assessment of off-site radiological consequences of the event, utilizing information from available sources, and keep the Emergency Response Manager informed of the assessment.
- 4.2 Provide dose calculations to the Emergency Response Manager for off-site areas based on data from available sources and/or mathematical modeling.
- 4.3 Provide additional off-site monitoring of radiological effluents in the environment as required.
- 4.4 Assist the plant Environmental and Radiation Control personnel with technical assistance as needed.
- 4.5 Assist the Emergency Response Manager by providing as low as reasonably achievable (ALARA) review of engineering modifications and tasks proposed by the emergency organization, including necessary documentation of those reviews.
- 4.6 Coordinate in the design of special packaging required for the transport of radioactive wastes resulting from the emergency operation.
- 4.7 Develop methods for sampling, treatment, and/or disposal of radioactive wastes resulting from the emergency and recovery operation.
- 4.8 Provide information and recommendations to the Emergency Response Manager concerning future operations that could affect the plant or the environment.

5.0 METHOD

- 5.1 A list of personnel identified as members of the Radiological Control Group will be maintained by the Radiological Control Manager. Upon notification to activate the Radiological Control Group, the Radiological Control Manager or his designee shall notify appropriate members of this group to report to the affected site or await further instructions.
- 5.2 When directed, the Radiological Control Manager and his staff shall proceed to the affected site by utilizing Company and/or personal vehicles as directed in CEPIP-2, "Emergency Response Team Transportation". Radiological Control staff members shall provide 24-hour-per-day coverage until directed otherwise by the Radiological Control Manager. The Emergency Response Manager will identify lead personnel on each shift and shall also identify the individual to be his representative when he is away from the site.

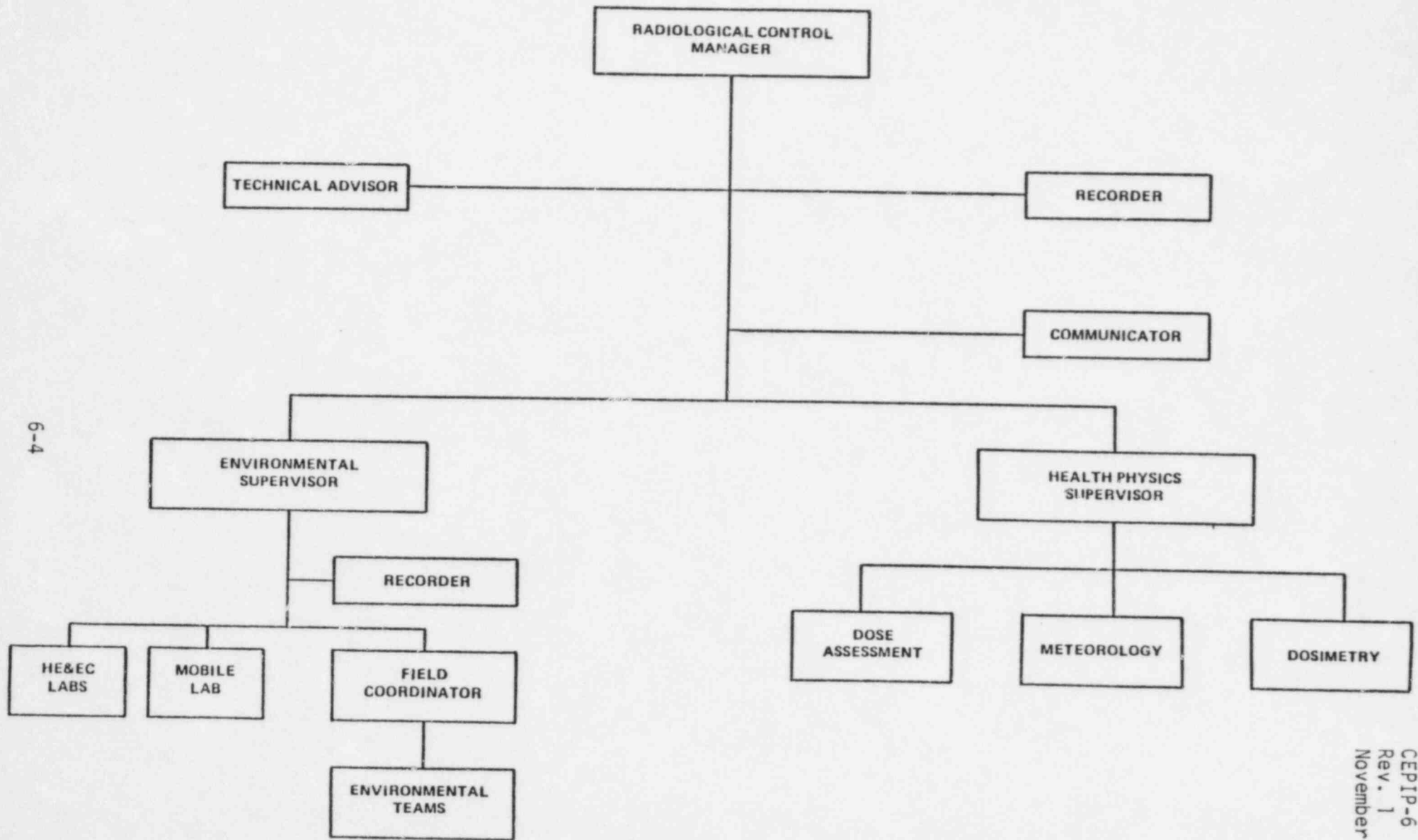
- 5.3 Upon arrival at the site, the Radiological Control Manager will report to the Emergency Response Manager and establish necessary communications with other Emergency Response Team Managers. The Radiological Control Manager and his staff will establish working space in the EOF facilities, as defined by the Corporate Emergency Plan and Plant Emergency Plan or as needed to support the emergency response operation.
- 5.4 The organization chart shown on Figure 6.2-1 identifies the required functions of the Radiological Control Group. This organization structure may be modified by the Emergency Response Manager as needed to more effectively support the emergency response effort.
- 5.5 As directed by the Emergency Response Manager, the Radiological Control Manager shall proceed to take actions to carry out required responsibilities of the Radiological Control Group.
- 5.6 Organization and specific duties of units in the Radiological Control Manager's Group are discussed in the Harris Energy and Environmental Center Radiological and Chemical Support Section Emergency Instructions.

6.0 DOCUMENTATION

- 6.1 Radiation Exposure Records
- 6.2 Records of Environmental Samples and TLD readings
- 6.3 Records of Sample Analyses and results
- 6.4 Records of dose estimates, isopleths, meteorological summaries, dispersion parameters, etc.
- 6.5 Records of messages sent and received
- 6.6 Documentation required to support actions taken during emergency and recovery activities

7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures
- 7.2 Harris Energy and Environmental Center Radiological and Chemical Support Section: RC-EM-1 Emergency Instructions
- 7.3 State and Local Emergency Plans
- 7.4 Plant Emergency Plan and Emergency Procedures



RADIOLOGICAL CONTROL ORGANIZATION

Figure 6.2-1

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 7

TITLE: Corporate Emergency Operations Center Manager

Recommended By: *R. G. Black, Jr.*
R. G. Black, Jr. Director
Emergency Preparedness

Date: Oct 29, 1982

Concurrence By: *B. J. Furr*
B. J. Furr - Vice President
Nuclear Operations

Date: 11-1-82

Approved By: *L. W. Eury*
L. W. Eury - Senior Vice President
Power Supply

Date: 11/2/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 7 CORPORATE EMERGENCY OPERATIONS CENTER MANAGER

1.0 PURPOSE

- 1.1 This procedure delineates the duties and responsibilities of the Corporate Emergency Operations Center Manager required to support the Corporate Emergency Plan.

2.0 DISCUSSION

- 2.1 The Manager of the Corporate Emergency Operations Center will, when requested by the Emergency Response Manager or higher Corporate Management, activate the Corporate Emergency Operations Center located in Room 1113 in the Center Plaza Building Corporate Offices in Raleigh, North Carolina.
- 2.2 The Manager of the Corporate Emergency Operations Center will provide continuing communications between the affected plant and Corporate management.
- 2.3 The Corporate Emergency Operations Center Organization is depicted in Figure 7.2-1.

3.0 RESOURCES

- 3.1 All Corporate resources including personnel, equipment, and financial assets.
- 3.2 Corporate Emergency Operations Center staff
- 3.3 Federal, state, and local agencies
- 3.4 Off-site agencies including equipment vendors, architect engineers, Nuclear Steam Supply System vendors, nuclear utilities, and educational institutions
- 3.5 Industry-Sponsored Institutions such as INPO, EPRI, EEI, AIF, and ANS.

4.0 RESPONSIBILITIES

- 4.1 Activate the Corporate Emergency Operations Center (CEOC) when requested by the Emergency Response Manager or as directed by higher Company management.
- 4.2 Provide continuing communications between Corporate Management and the management personnel responding to the emergency.

- 4.3 Direct the activities of the CEOC Operations Coordinator and his organization to provide technical expertise to higher management as required.
- 4.4 Direct the activities of the CEOC System Communications Coordinator and his organization to assure effective communications channels have been established between the Corporate Headquarters, the affected plant, and other organizations supporting emergency operations.

5.0 METHOD

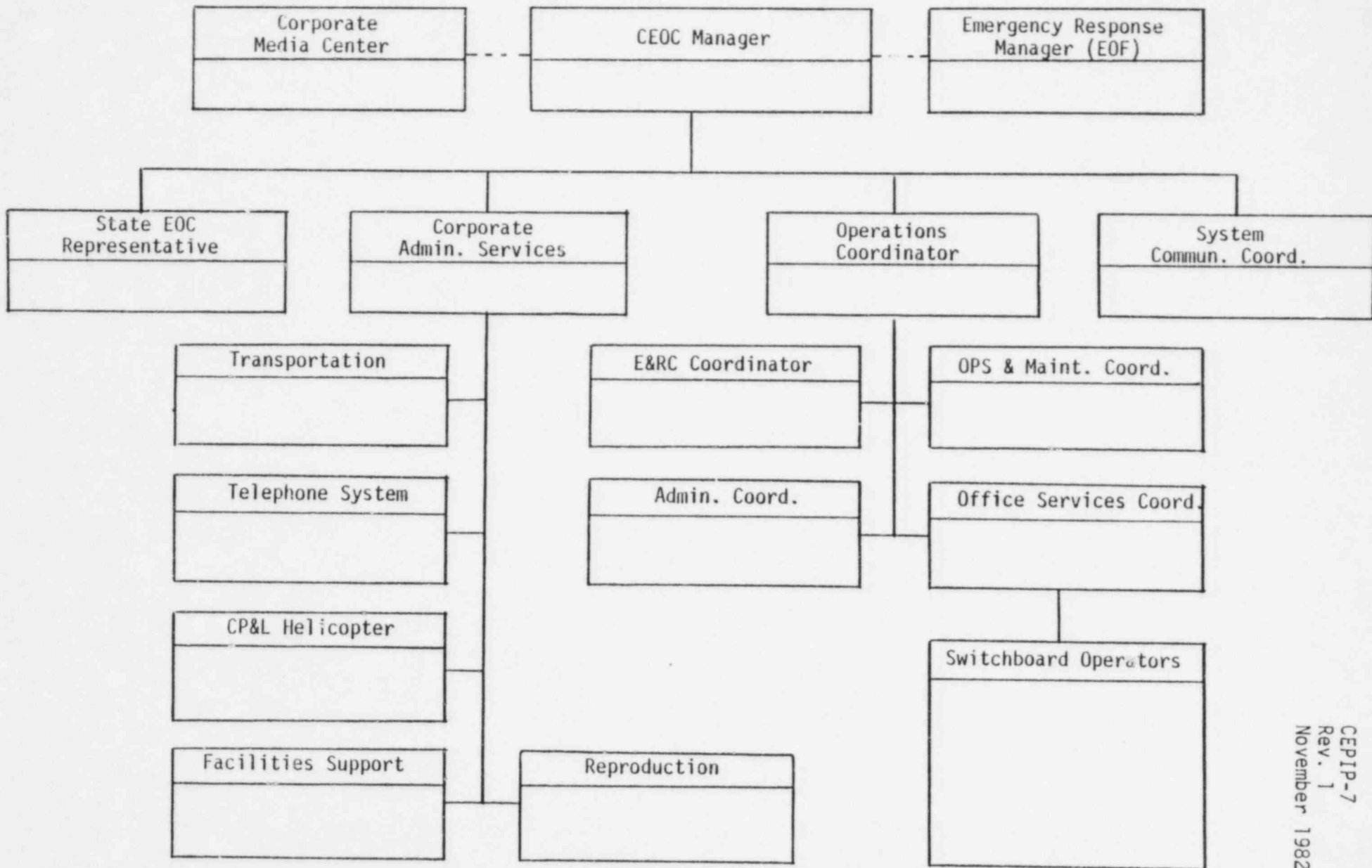
- 5.1 The Corporate Emergency Operations Center Manager will be notified of an emergency condition in accordance with CEPIP-1, "Corporate Emergency Plan Notification Procedure".
- 5.2 The CEOC Manager will notify those individuals as identified in CEPIP-1, "Corporate Emergency Plan Notification", to advise them of the situation and direct mobilization of the Company's emergency response organization as necessary.
- 5.3 The CEOC Manager will direct the CEOC Operations Coordinator to activate the Corporate Emergency Operation Center in accordance with CEPIP-8, "CEOC Activation and Operation".
- 5.4 The CEOC Manager will proceed to the CEOC and monitor/evaluate the situation keeping Corporate Management informed of significant events. With the assistance of his staff, he will be prepared to respond to queries by Corporate Management concerning the status of the affected plant at any time.
- 5.5 The CEOC Manager will determine the need for technical support and communications personnel in the CEOC and will direct the CEOC Operations Coordinator to arrange for the required level of manning.

6.0 DOCUMENTATION

- 6.1 Complete and accurate documentation of all significant communications will be maintained for review, analysis, and audit purposes.
- 6.2 Files will be initiated and maintained of all significant telephone calls, telex transmissions, telecopier messages, correspondence, etc.
- 6.3 All files, documents, etc., generated during the incident will be reviewed and maintained for review and audit following conclusion of the emergency.

7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures
- 7.2 Plant Emergency Plan and Emergency Procedures
- 7.3 Final Safety Analysis Report
- 7.4 Media Kits
- 7.5 Area Maps
- 7.6 Emergency Plans (Federal, State, Local)
- 7.7 Nuclear Steam System Suppliers, Architect/Engineers, Vendor
Emergency Plans
- 7.8 Technical Manuals and Bulletins



CORPORATE EMERGENCY OPERATIONS CENTER ORGANIZATION
 FIGURE 7.2-1

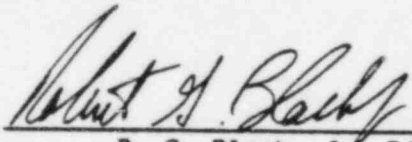
7-4

CEPIP-7
 Rev. 1
 November 1982

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 8

TITLE: Corporate Emergency Operations Center Activation and Operation

Recommended By:

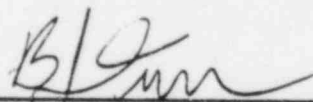


R. G. Black, Jr. Director
Emergency Preparedness

Date:

Oct 29, 1982

Concurrence By:

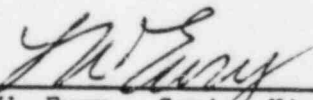


B. J. Furr - Vice President
Nuclear Operations

Date:

11-1-82

Approved By:



L. W. Eury - Senior Vice President
Power Supply

Date:

11/3/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 8 CORPORATE EMERGENCY OPERATIONS CENTER
ACTIVATION AND OPERATION

1.0 Purpose

This procedure describes the setup, staffing, and operation of the Corporate Emergency Operations Center (CEOC).

2.0 Discussion

The CEOC provides a location for Corporate Management to assemble and maintain a communication link between the Corporate offices and the plant emergency organization. The status of major plant systems and off-site environmental conditions are maintained in the CEOC concurrently with the site Emergency Operations Facility. The data and displays available in the CEOC will be utilized by the Technical Briefer to prepare briefings for Corporate Management. These briefings of Corporate Management will be conducted in a room adjacent to the CEOC.

3.0 Activation, Setup, and Operation

When directed to activate the CEOC by the CEOC Manager or higher Corporate Management, the CEOC Operations Coordinator will:

- a. Complete notification of those individuals as required by CEPIP 1, "Corporate Emergency Plan Notification."
- b. Proceed to the CEOC and complete the activation in accordance with the CEOC Activation Checklist, Exhibit 8.3-1.
- c. Continue operation of the CEOC as directed by the CEOC Manager.

4.0 CEOC Staffing

4.1 Initial activation of the CEOC staff should include:

CEOC Manager
CEOC Communications Coordinator
CEOC Operations Coordinator
Two Switchboard Operators
Logkeeper
Plotter

4.2 Above the initial minimum staff, the staffing level may vary as dictated by activities in progress and subject to the the direction of the CEOC Manager. Other positions which may be filled include:

Operations & Maintenance Coordinator
E&RC Coordinator
Administrative Coordinator
Office Services Coordinator
Phone Talkers
Engineering and Technical Staff Personnel
Communication Staff Personnel
Administrative Staff Personnel

5.0 Communications

- 5.1 A continuous open line between CEOC, EOF, and TSC should be maintained. To the maximum extent practical, communications should be passed over this open line. Maximum utilization of this line will minimize telephone dialing and switchboard operations.
- 5.2 In the event of heavy communications, the second open line with EOF/TSC should be established.
- 5.3 Additional communications should be handled through the Emergency Communications System as recommended by the CEOC Communications Coordinator.
- 5.4 Periodic briefings from the EOF should utilize the speaker phone in the CEOC Manager's office.

6.0 Logs and Documentation

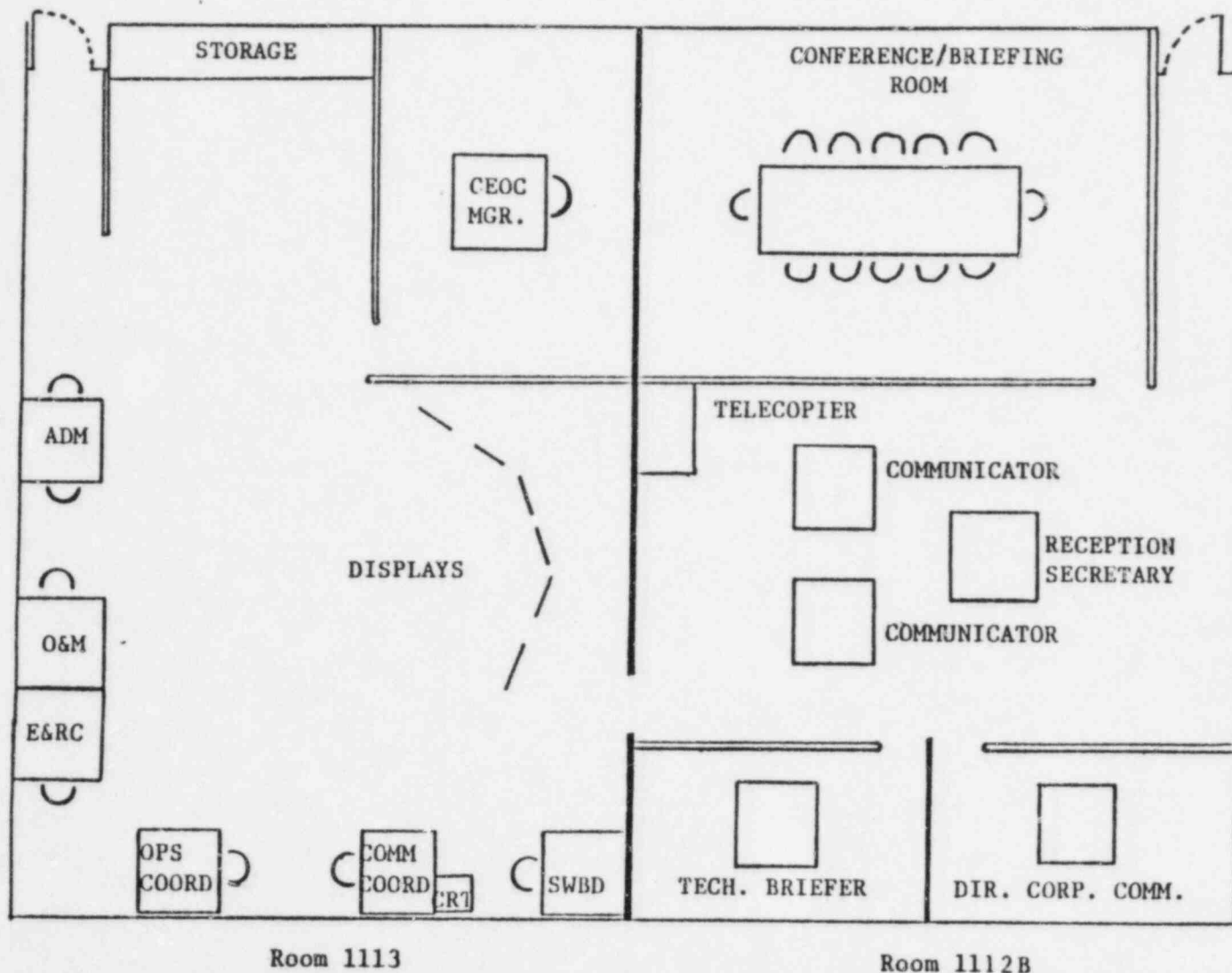
- 6.1 The CEOC Operations Coordinator shall ensure that a CEOC Log is kept in which significant CEOC events are logged.
- 6.2 All significant incoming and outgoing communications shall be documented.

7.0 Securing

- 7.1 When the CEOC is secured, all unused equipment and materials shall be returned to their storage locations.
- 7.2 All records and documents used during operation shall be collected by the CEOC Operations Coordinator and turned over to the Emergency Preparedness Unit.
- 7.3 The CEOC Operations Coordinator shall ensure that the CEOC Emergency Equipment and Materials inventory is conducted and the stock replenished as required in accordance with Exhibit 8.3-1, Attachment 2.

Exhibit 8.3-1
CEOC Activation Checklist

1. Upon arrival at the CEOC, begin keeping CEOC log with date, plant name, event description (e.g., drill, actual emergency) and other preliminary information.
2. Complete notifications required to be made by CEOC Operations Coordinator.
3. Have Communications personnel make emergency switchboard operational and assign operator (preferably two).
4. Complete an "IMMEDIATE NOTIFICATION INFORMATION" form.
5. Ensure the General Office Garage is open and ready to issue cars for transportation, and that the CEOC is set up in accordance with the sketch shown on, Exhibit 8.3-1, Attachment 1 (Manager - Corporate Facilities Services).
6. Assign CEOC communicator on a headset and establish a common telephone line with the CEOC, EOF, and TSC communicators. This telephone line should utilize the emergency lines to the plant. This telephone line will remain open at all times while the CEOC is activated.
7. Set up equipment, supplies, charts, and displays listed in Exhibit 8.3-1, Attachment 2, "CEOC Emergency Equipment and Supplies."
8. Have those documents listed in CEPIP No. 16, "Document Control Procedures," brought to the CEOC.
9. Bring piping and electrical drawings from Vice President - Nuclear Operations' office (3A1) to CEOC.
10. Update all displays to bring them current with EOF displays.
11. Notify the unaffected nuclear plants to activate and man their emergency switchboard.
12. Establish or determine from EOF the schedule to be used by EOF personnel in briefing CEOC Management. Also determine how these briefings are to be conducted.
13. Develop CEOC duty roster for 24-hour coverage.
14. Upon termination of CEOC activities, replenish all materials as listed on "CEOC Emergency Equipment and Supplies."



Corporate Emergency Operations Center

Exhibit 8.3-1
Attachment 1

EXHIBIT 8.3-1
 Attachment 2
 CEOC Emergency

Equipment & Supplies

| Quantity Required | On Hand |
|----------------------|------------|
|----------------------|------------|

A. CEOC Equipment - General
 (Kept in Room 1113)

| | |
|--|----|
| 1. Wall Clock | 1 |
| 2. Tables | 12 |
| 3. Easel and Paper Pad | 1 |
| 4. Whiteboard | 1 |
| 5. Chairs | 24 |
| 6. Partitions (8' x 5' high) | 5 |
| 7. Wastebaskets | 3 |
| 8. Storage Cabinet for Emergency Materials | 1 |
| 9. Blue Telephones | 5 |
| 10. Beige Telephones | 5 |
| 11. Telephone Headsets | 2 |
| 12. Easels With Boards for Displays | 7 |
| 13. Flashlights with Batteries | 3 |

B. CEOC Equipment Available Elsewhere But Not Moved to Room 1113

- | | |
|---|---|
| 1. Telecopier - | 3rd Floor Telephone # - 836-7346 11th Floor - Telephone # - 836-7678 |
| 2. Photocopy Machines - | 3rd Floor 11th Floor |
| 3. Dictaphone - | 3rd. Floor Steno Pool |
| 4. Plant FSARs, Technical Specifications, Plant Operating Manuals - | 3rd Floor Library |

EXHIBIT 8.3-1
 Attachment 2 (cont)

C. General CEOC Supplies Maintained in CEOC

| | |
|-------------------------------|----|
| 1. Paper Pads | 12 |
| 2. Pencils | 24 |
| 3. Pencil Sharpener | 1 |
| 4. Logbooks | 12 |
| 5. Stapler | 1 |
| 6. Three-Hole Punch | 1 |
| 7. Two-Hole Punch | 1 |
| 8. Roll Acetate | 1 |
| 9. Cellophane Tape, Roll | 2 |
| 10. Masking Tape, Roll | 2 |
| 11. Thumbtacks, Box | 1 |
| 12. Paper Clips, Box | 1 |
| 13. Grease Pencils - Black | 12 |
| Red | 12 |
| 14. Felt Marking Pens - Black | 4 |
| (Non-Bleeding) Blue | 4 |
| Green | 4 |
| Red | 4 |
| 15. File Folders, Box | 1 |
| 16. Scissors | 2 |

D. Documents/Displays/Charts - General

| | |
|--|----|
| 1. NC/SC Road Map | 1 |
| 2. **Organization Chart | 5 |
| 3. *Time/Event Chart | 10 |
| 4. *Plant Condition Status Display | 5 |
| 5. Corporate Emergency Plan Procedures | 1 |
| 6. Identification Signs | |
| a. CEOC Manager | |
| b. Operations Coordinator | |
| c. System Communications Coordinator | |
| d. E&RC Coordinator | |
| e. O&M Coordinator | |
| f. QA Coordinator | |
| g. Administrative Coordinator | |
| 7. *Off-Site Radiological Status | |

EXHIBIT 8.3-1
Attachment 2 (cont)

E. Brunswick Documents/Displays (Kept in Room 1113)

| | | |
|-----|--|----|
| 1. | *10-Mile EPZ Map | 10 |
| 2. | *50-Mile EPZ Map | 10 |
| 3. | *Plant Site Layout (Drawing D-0599) | 10 |
| 4. | Piping and Instrumentation Drawings, Set | 1 |
| 5. | Electrical Drawings, Set | 1 |
| 6. | Emergency Operations Center Floor Plan and Telephone Numbers | 1 |
| 7. | TSC Floor Plan and Telephone Numbers | 1 |
| 8. | Plant Telephone Directory | 1 |
| 9. | *System Parameter Data and Status Display (SPDS) (Set of 5 Sheets) | 10 |
| 10. | SPDS Sheets | 30 |
| 11. | *Off-Site Radiological Status | 10 |
| 12. | *10-Mile Radiological Monitoring Grid Map | 10 |

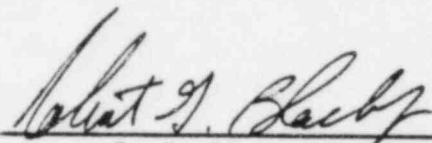
F. Robinson Documents/Displays (Kept in Room 1113)

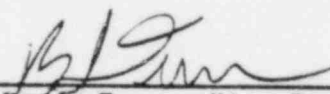
| | | |
|-----|--|----|
| 1. | *10-Mile EPZ Map | 10 |
| 2. | 50-Mile EPZ Map | 10 |
| 3. | *Plant Site Layout | 10 |
| 4. | Piping and Instrumentation Drawings, Set | 1 |
| 5. | Electrical Drawings, Set | 1 |
| 6. | Emergency Operations Center Floor Plan and Telephone Numbers | 1 |
| 7. | TSC Floor Plan and Telephone Numbers | 1 |
| 8. | Plant Telephone Directory | |
| 9. | *System Parameter Data and Status Display (SPDS) (Set of 4 Sheets) | 10 |
| 10. | SPDS Sheets | 30 |
| 11. | *Off-Site Radiological Status | 10 |
| 12. | *10-Mile Radiological Monitoring Grid Map | 10 |

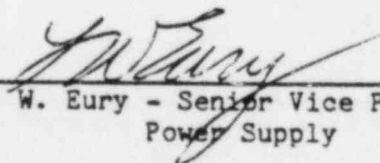
*Displays mounted on board
**Displays mounted on boards and covered with acetate

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 9

TITLE: Corporate Emergency Operations Center Operations Coordinator

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/3/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 9 CEOC OPERATIONS COORDINATOR

1.0 PURPOSE

- 1.1 This procedure delineates the duties and responsibilities of the CEOC Operations Coordinator to support the Corporate Emergency Plan (CEP) and the Corporate Emergency Operations Center Manager.

2.0 DISCUSSION

The Operations Coordinator is responsible for coordinating the technical flow of information transmitted through the Corporate Emergency Operations Center (CEOC). After receiving guidance from the CEOC Manager regarding skills needed to support a particular emergency, the Operations Coordinator will ensure that appropriate personnel and other resources are assembled to accomplish required tasks. He will oversee all aspects of the operations (less communications) of the CEOC in order to fully support the CEOC Manager.

3.0 RESOURCES

- 3.1 Corporate Emergency Operations Center Staff
- 3.2 A list of operations personnel who could be activated in an emergency to man the CEOC.
- 3.3 A list of CEOC emergency equipment and supplies contained in CEPIP-8, "CEOC Activation."

4.0 RESPONSIBILITIES

- 4.1 Establish and maintain a list of Corporate personnel that could be called upon to staff the CEOC.
- 4.2 Provide appropriate technical personnel to staff the CEOC on 24-hour-per-day basis during an emergency.
- 4.3 Arrange for necessary operations documents, etc., to be relocated to the CEOC (or other appropriate location) for use by the CEOC staff.
- 4.4 Provide necessary equipment and services, excluding communications facilities, for the operation of the CEOC.

5.0 METHOD

- 5.1 Upon being notified of an emergency condition, notify appropriate individuals as identified in CEPIP-1,

"Corporate Emergency Plan Notification," to advise them of the situation and direct notification of the Company's emergency response organization as directed by the CEOC Manager.

- 5.2 Upon direction of the CEOC Manager activate the Corporate Emergency Operation Center in accordance with CEPIP-8, "CEOC Activation."
- 5.3 Conduct inventory of documents and equipment required for use in the CEOC.
- 5.4 Establish and maintain a complete set of files containing all incoming and outgoing communications. Include summaries of all telephone calls, telex and telecopier transmissions, and correspondence.
- 5.5 Maintain status boards and situation plots up to date at all times in order to keep the CEOC Manager current regarding the situation.
- 5.6 Obtain data from technical personnel and develop response to any questions posed by the CEOC Manager or Corporate Management.
- 5.7 Develop and produce status reports for the CEOC Manager to submit to Corporate Management as required.

6.0 DOCUMENTATION

Maintain complete files for review by CEOC Manager and audit purposes.

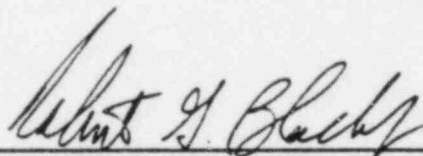
7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures
- 7.2 Plant Emergency Plan and Emergency Procedures
- 7.3 Final Safety Analysis Reports
- 7.4 CEPIP-8, "CEOC Activation and Operation"
- 7.5 Document Inventories
- 7.6 Equipment Inventories
- 7.7 Aerial Maps
- 7.8 Emergency Plans (Federal, State, and Local)
- 7.9 NSSS, A/E, Vendor Emergency Plans
- 7.10 Technical Manuals and Bulletins

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 10

TITLE: System Communications Coordinator

Recommended By:

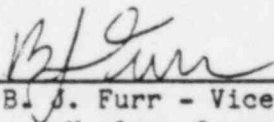


R. G. Black, Jr. Director
Emergency Preparedness

Date:

Oct 29, 1982

Concurrence By:

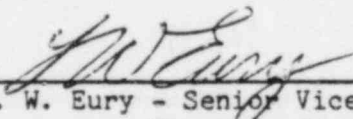


B. J. Furr - Vice President
Nuclear Operations

Date:

11-1-82

Approved By:



L. W. Eury - Senior Vice President
Power Supply

Date:

11/3/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 10 SYSTEM COMMUNICATIONS COORDINATOR

1.0 PURPOSE

This procedure delineates the duties and responsibilities of the System Communications Coordinator required to support the Corporate Emergency Plan and the Corporate Emergency Operations Center Manager.

2.0 DISCUSSION

The System Communications Coordinator will, when notified by the Corporate Emergency Operations Center Manager or authorized delegate, ensure reliable communications systems to the affected plant throughout an emergency.

3.0 RESOURCES

- 3.1 System Communications Organization Staff
- 3.2 Corporate Emergency Communications System
- 3.3 Corporate System Telephone Communications
- 3.4 Bell System Telephone Communications
- 3.5 Corporate Radio Communications
- 3.6 Corporate Informational Data Communications
- 3.7 NRC Emergency Notification System and Health Physics Network Telephone Communications
- 3.8 Data Link for Vital Plant Parameters and Meteorological Information
- 3.9 Plant Public Address System
- 3.10 Agreements with Vendors
- 3.11 Communications Support Equipment

4.0 RESPONSIBILITIES

- 4.1 Establish and maintain a list of Corporate personnel that would be called upon to staff the System Communications Organization.
- 4.2 When requested, activate communications organization personnel to operate, maintain, and assure continuous communications throughout an emergency.

- 4.3 Coordinate Corporate activities required to support the communications organization during an emergency.
- 4.4 Provide primary and backup communications between Corporate Offices and the affected plant site.
- 4.5 Provide as needed communications between off-site agencies and the affected plant site.
- 4.6 Provide for installation, operation, and maintenance of communications facilities and services.

5.0 METHOD

- 5.1 Upon notification of an emergency condition, notify and activate communications organization personnel as directed by the CEOC Manager or his alternate.
- 5.2 Maintain the ability for continuous communications with the affected plant by coordinating activities required to maintain existing equipment, to implement additional facilities as required, and to manage facilities so that emergency communications have highest priority. A description of available communication systems is contained in Exhibit 10.5-1.
- 5.3 Develop periodic status reports for the CEOC Manager so long as the emergency continues. Be prepared to respond to queries concerning the status of communications at the affected plant and on the system.

6.0 DOCUMENTATION

Maintain complete files for review by the CEOC Manager and audit purposes.

7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures
- 7.2 Plant Emergency Plan and Emergency Procedures
- 7.3 Other Emergency Plans (Local, State, Federal, NSSS, A/E)
- 7.4 Communications Organization Instructions
- 7.5 Corporate Records of Communications
- 7.6 Emergency Communications User Instructions
- 7.7 Technical Manuals

EXHIBIT 10.5-1

DESCRIPTION OF AVAILABLE COMMUNICATIONS SYSTEMS

1. Corporate Emergency Communications System. This system, separate from other communications systems, provides backup dedicated telephone and radio facilities between emergency response centers. The purpose of these facilities is to ensure priority communications at any time from the plant to emergency response personnel for government, CP&L, and important vendors. Also included with the emergency system are public information telephone lines. Although this system may be used for any emergency action level, it is activated, staffed, and maintained 24 hours a day during a Site Emergency or General Emergency.

2. Corporate System Telephone Communications.

This system provides Company-owned, switched and dedicated telephone communications from the plants to other important corporate locations. Transmission facilities for the corporate telephone communications are primarily microwave radio, which provides a high degree of circuit reliability. These facilities play an important role in achieving efficient corporate support for an emergency; consequently, they are monitored and maintained on a 24-hour basis during a Site Emergency or General Emergency.

3. Bell System Telephone Communications. Public switched telephone communications are provided by the Bell System at each of our nuclear plants. At each plant, these facilities are designed with contingencies for providing public telephone service during an emergency. In addition to telephone lines to the plant's main switchboard, private lines are provided in each of the emergency centers. Also, cables are in place from the central office which allow a limited number of additional communications capabilities to be brought in during an emergency. Bell is responsible for maintenance of their equipment with coordination provided by the System Communications Organization.

4. Corporate Radio Communications. Radio communications are used extensively by the plants. Several radio channels provide security and operational communications between fixed, mobile, and portable locations. Since radio communications provide the only communications link to non-fixed locations, they are maintained on a 24-hour basis during an emergency by the Systems Communications Organization.

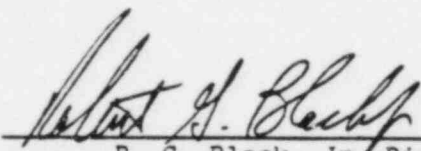
5. Corporate Informational Data Communications. Large central computers are located at the Corporate General Office. Smaller special purpose computers are located at the plants. Communications links between the plants and the General Office allow for the interchange, storage, and processing of information. The Systems Communications Organization coordinates maintenance of this system during an emergency.

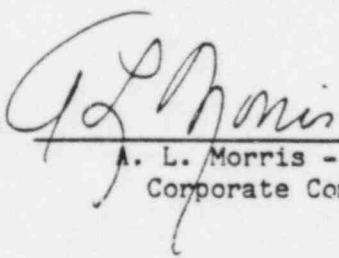
6. NRC Emergency Notification System (ENS) and Health Physics Network (HPN) Telephone Communications. The Nuclear Regulatory Commission operates two backup dedicated telephone systems which allow direct telephone communications from all nuclear plants to NRC regional and national headquarters. The NRC is responsible for these two systems, and maintenance and changes are coordinated through the NRC.
7. Data Link for Vital Plant Parameters and Meteorological Information. Vital plant parameters and meteorological information are monitored by computer and transmitted over dedicated communications lines to other emergency centers. These dedicated lines are either Company microwave, leased line, or Company cable. The communications organization coordinates maintenance on leased facilities and provides maintenance on the Company facilities.
8. Plant Local Public Address System.


For communications within the plant grounds, an extensive public address system is employed which can be used for the paging of and conversation between personnel. This system is operated and maintained by plant personnel.

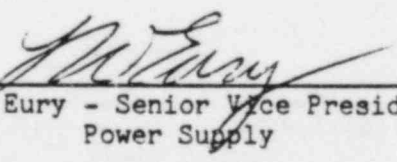
CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 11

TITLE: Headquarters Public Information Coordinator

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: Nov. 1, 1982
A. L. Morris - Vice President
Corporate Communications

 Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/3/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 11 HEADQUARTERS PUBLIC INFORMATION COORDINATOR

1.0 PURPOSE

This procedure delineates the activities necessary for the Headquarters Public Information Coordinator to support the onsite public information effort and to assure that any information about the emergency released from corporate headquarters is coordinated with the Site Public Information Coordinator and Corporate Spokesman.

2.0 DISCUSSION

Upon activation of the Corporate Emergency Plan, the Headquarters Public Information Coordinator will activate the Corporate Headquarters Media Center. He will be the primary interface with the news media concerning the emergency until relieved by the Corporate Spokesman at the Plant Media Center.

The Headquarters Public Information Coordinator and media team will serve as a resource for the on-site public information effort, as well as assist the news media who do not wish to go to the plant site. The Headquarters Media Team will see that additional personnel, equipment, background information, or other support needs are provided to the Site Public Information Coordinator as requested.

The Headquarters Media Team will be responsible for answering inquiries from the press and setting up news media briefings in Raleigh for all news media personnel not at the plant site. The release of all information relating to developments at the plant will be made from the Plant Media Center after it has been activated. The Headquarters Media Team will assist the news media by providing background and technical information.

The Headquarters Media Team will need the full cooperation of all CP&L employees. All employees should provide, as quickly as possible, any information requested by a member of the CP&L media team and should refer all contacts from members of the news media to either the on-site or headquarters media centers.

3.0 RESOURCES

3.1 Site Public Information Coordinator

3.2 Site Media Team

3.3 Corporate Spokesman

- 3.4 Company Management
- 3.5 Health Physics and Nuclear Operations Resource Personnel
- 3.6 Corporate Emergency Plan and Implementing Procedures
- 3.7 Plant Emergency Plan and Emergency Procedures
- 3.8 Emergency Communications System
- 3.9 Headquarters Media Team
- 3.10 Media Kits

4.0 RESPONSIBILITIES

- 4.1 Identify, prior to an emergency, members of the Corporate Communications staff who will serve on the Headquarters Media Team, and develop a system for notifying them if the Corporate Emergency Plan is activated.
- 4.2 Direct the activities of the Corporate Headquarters Media Center and supervise the Headquarters Media Team.
- 4.3 Coordinate with the CEOC Manager and Site Media Coordinator to assure that accurate, factual information is provided to news media for release to the public.
- 4.4 Address issues indirectly related to the emergency, such as its impact on other Company facilities.
- 4.5 Maintain regular communication with the Plant Media Center.
- 4.6 Brief the Headquarters Media Team on a regular basis concerning site developments.
- 4.7 Assure that needed information and/or materials to support the efforts of the Plant Media Center are developed and expeditiously delivered to the site.
- 4.8 Provide a representative to the State Emergency Operations Center located in the state capital, should such a center be activated, to assist state public information officers in providing accurate information to the public.
- 4.9 Provide information to Company employees through appropriate channels regarding emergency and recovery activities.

5.0 METHODS

- 5.1 Upon direction of the CEOC Manager or higher management, activate the Corporate Headquarters Media Center and Headquarter Media Team.
- 5.2 Provide information to Corporate Management as requested.
- 5.3 Supervise the work of the Headquarters Media Team by assigning necessary responsibilities as they arise.
- 5.4 Assign a member of the Headquarters Media Team to the State Emergency Operations Center in the state capital to serve as a liaison between the state public information representatives and the Corporate Headquarters Media Center.
- 5.5 Assign a member of the Headquarters Media Team as industry liaison to answer all inquiries from other utilities and industry representatives.
- 5.6 Maintain the ability for continuous communications with the Site Public Information Coordinator and the Corporate Emergency Operation Center Manager to get accurate and timely information on the emergency and to coordinate the release of information.
- 5.7 Conduct frequent briefings for members of the Headquar Media Team as changes occur in the status of the emergency.
- 5.8 Provide continuous feedback to the Site Public Information Coordinator on developments at corporate headquarters that might affect the on-site public information effort.
- 5.9 Keep employees informed about the emergency during its duration by publishing info bulletins, info briefs, or other employee information.

6.0 DOCUMENTATION

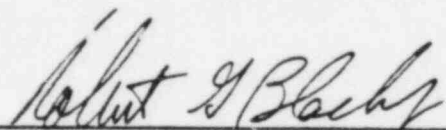
- 6.1 News releases
- 6.2 Audio tapes and transcriptions of news media briefings
- 6.3 Video tapes of media briefings

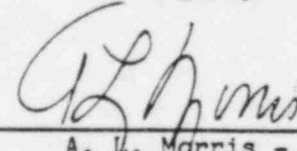
7.0 REFERENCES

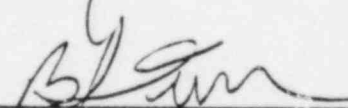
- 7.1 Plant Emergency Plan and Emergency Procedures
- 7.2 Corporate Emergency Plan and Implementing Procedures
- 7.3 Corporate Communications Procedures
- 7.4 Public Education Brochures
- 7.5 Media Kits

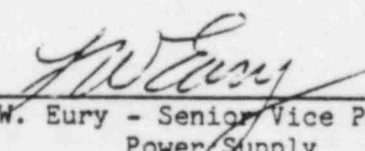
CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 12

TITLE: Corporate Spokesman

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: Nov. 1, 1982
A. V. Morris - Vice President
Corporate Communications

 Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/2/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 12 CORPORATE SPOKESMAN

1.0 PURPOSE

This procedure delineates the responsibilities of the Corporate Spokesman to serve as the primary source of all information released to the public about the emergency and to assure that that information is accurate and is presented in a manner appropriate to public understanding.

2.0 DISCUSSION

Upon notification of activation of the Corporate Emergency Plan, the Corporate Spokesman will proceed to the affected plant site. The Corporate Spokesman will obtain information about the incident through discussions with the Site Emergency Coordinator or his designee upon arrival on site. The Plant General Manager or his designee will function as the interim Corporate Spokesman until relieved.

The spokesman will make all public statements to the media at the site concerning the effect of the emergency on the Company, the specific details of the emergency, and steps the Company is taking to mitigate it. He will work out of an office in the Plant Media Center.

3.0 RESOURCES

- 3.1 Site Public Information Coordinator
- 3.2 Site Media Team
- 3.3 Emergency Response Manager
- 3.4 Headquarters Public Information Coordinator
- 3.5 Headquarters Media Team
- 3.6 Health Physics and Nuclear Operations Resource Personnel
- 3.7 Emergency Communications System
- 3.8 Corporate Emergency Plan and Implementing Procedures
- 3.9 Plant Emergency Instructions
- 3.10 Plant Emergency Plans and Emergency Procedures

4.0 RESPONSIBILITIES

- 4.1 Attend media briefings as scheduled by the Site Public Information Coordinator.
- 4.2 Cooperate with the Site Public Information Coordinator to assure that questions of interest to the media and to the public are addressed during scheduled briefing sessions.
- 4.3 Work in close cooperation with the Emergency Response Manager and other Corporate personnel to assure that he is fully informed of all events relating to the emergency and has the best available information to answer questions on these events for the media.
- 4.4 Make every reasonable effort to assure the accuracy of statements made concerning the emergency and concerning Corporate actions during the emergency.
- 4.5 Coordinate with Spokesman from local, state, and federal government agencies to ensure that news releases made by them are consistent with those made by the Company.

5.0 METHODS

- 5.1 When notified of an emergency, the Corporate Spokesman shall proceed to the affected plant site by utilizing Company and/or personal vehicles as directed in CEPIP-2, "Emergency Response Team Transportation."
- 5.2 Upon arrival at the site, the Corporate Spokesman should report to the Emergency Response Manager (Vice President - Nuclear Operations or his designee) for briefing of plant conditions. When satisfied that he has obtained adequate knowledge of the plant status, he shall proceed to the Plant Media Center to establish his work area.
- 5.3 Throughout the emergency, maintain the ability for communication with the Emergency Response Manager to assure that the spokesman is fully informed of all events relating to the emergency and has the best available information to answer questions on these events for the news media.
- 5.4 Brief lead spokesmen and public information representatives for federal, state, and local governments as changes and developments occur in the emergency situation.
- 5.5 Cooperate with the Site Public Information Coordinator in determining what information should be released regarding the emergency and in answering questions posed by the news media.

5.6 Serve as the primary spokesman for the Company during scheduled news media briefings. Ensure that appropriate state and federal public information staffs are made aware of formal public statements prior to release to the press.

6.0 DOCUMENTATION

- 6.1 News releases
- 6.2 Audio tapes and transcriptions of news media briefings
- 6.3 Video tapes of media briefings
- 6.4 Log of news media badged at Plant Media Center

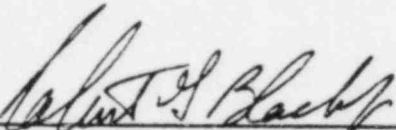
7.0 REFERENCES

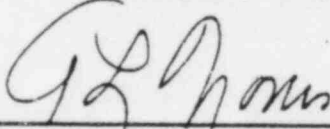
- 7.1 Plant Emergency Plan and Emergency Procedures
- 7.2 Corporate Emergency Plan and Implementing Procedures
- 7.3 Corporate Communications Procedures
- 7.4 Public Education Brochures
- 7.5 Media Kits

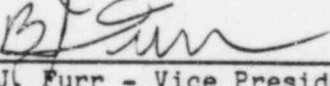
CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)

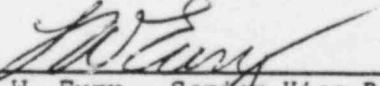
Number 13

TITLE: Site Public Information Coordinator

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: Nov. 1, 1982
A. L. Morris - Vice President
Corporate Communications

 Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/2/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 13 SITE PUBLIC INFORMATION COORDINATOR

1.0 PURPOSE

This procedure delineates the activities necessary for the Site Public Information Coordinator to assure that information about the emergency and its potential effects is presented to the news media and the public in a timely, forthright, and credible manner.

2.0 DISCUSSION

Upon activation of the Corporate Emergency Plan, the Site Public Information Coordinator will proceed to the affected plant. On arrival, he will consult with the Corporate Spokesman or designated plant spokesman to get accurate information on the status of the emergency and to develop information to be released to the media. He will activate the Plant Media Center.

The Site Public Information Coordinator will coordinate the release of all information to the news media from the plant site. In order for him to represent the true and accurate status of the situation to the media and public, he must have the full cooperation of all CP&L employees, not just those specifically identified as resource persons. All employees should provide, as quickly as possible, any information requested by a member of the media team, and should refer all contacts from the news media to either the on-site or headquarters media center.

3.0 RESOURCES

- 3.1 Site Media Team
- 3.2 Corporate Spokesman
- 3.3 Emergency Response Manager
- 3.4 Headquarters Public Information Coordinator
- 3.5 Headquarters Media Team
- 3.6 Health Physics and Nuclear Operations Resource Personnel
- 3.7 Emergency Communications System
- 3.8 Corporate Emergency Plan and Implementing Procedures
- 3.9 Plant Emergency Plan and Emergency Procedures

4.0 RESPONSIBILITIES

- 4.1 Identify prior to an emergency members of the Corporate Communications staff who will serve on the on-site media team and develop a system for notification in the event the Corporate Emergency Plan is activated.
- 4.2 Direct the activities of the Plant Media Center and the on-site media team.

- 4.3 Assure that information about the emergency and its potential effects is presented to the media in a forthright, credible manner by individuals qualified to speak on various subjects.
- 4.4 Coordinate with the Corporate Spokesman to ensure accurate information is released to the press.
- 4.5 Serve as liaison between the Plant Media Center and the Corporate Headquarters Media Center.
- 4.6 Respond to news inquiries and provide appropriate background information to reporters.
- 4.7 Arrange for tours of the site and reasonable access to the site for photographic purposes.
- 4.8 Coordinate news activities with media representatives from federal, state, and local agencies located in the vicinity of the plant site.
- 4.9 Assure that information discussed during regular media briefing sessions is transmitted to the Headquarters Public Information Coordinator.

5.0 METHODS

- 5.1 When notified of an emergency, the Site Public Information Coordinator and the Site Media Team should proceed to the affected plant site by utilizing Company and/or personnel vehicles as directed in CEPIP 2, "Emergency Response Team Transportation."
- 5.2 Upon arrival at the site, the Site Public Information Coordinator should report to the Emergency Response Manager (Vice President - Nuclear Operations or his designee) for briefing of plant conditions. When satisfied that he has obtained adequate knowledge of plant status, he shall proceed to the Plant Media Center to interface with the media as appropriate.
- 5.3 Supervise setting up the Plant Media Center assuring that adequate furniture, phones, equipment, and supplies are available to enable the Site Media Team to do its job. A member of the media team should be assigned as Plant Media Center Building Manager to expedite procurement of such items and to provide security.
- 5.4 Supervise the work of the Site Media Team by assigning necessary responsibilities as they arise, to include: (a) badging in news media and distributing media and photographic kits; (b) answering inquiries from media and public; (c) keeping updated information on a code-a-phone; (d) videotaping news media briefings and keeping any other records necessary.

- 5.5 Conduct frequent briefings for members of the Site Media Team as developments and changes occur in the status of the emergency.
- 5.6 Coordinate with the Corporate Spokesman and the Emergency Response Manager to get accurate and timely information as the emergency develops.
- 5.7 Assure that federal, state, and local government public information representatives are kept fully informed about developments of the emergency, to include calling conferences to share new information and to develop information to be released to the news media.
- 5.8 Schedule news media briefings and provide a suitable location in which to hold them. Determine furniture and equipment needs for the briefings and work with the Plant Media Center Building Manager to provide these. Issue statements and releases as necessary in the interim between briefings.
- 5.9 Provide feedback to Headquarters Public Information Coordinator to assure that he is apprised of the latest developments on the emergency and any statements or other information that has been released at the site. The Headquarters Public Information Coordinator will serve as a resource to the Site Media Team to provide additional personnel, equipment, background information, or other needs as they arise on site.
- 5.10 Assign a member of the Site Media Team to the state and local government emergency operation center near the plant site to act as a liaison between the state and local public information operation and the Plant Media Center.
- 5.11 Assure that security is provided for traffic control and entry into news media briefings and that news media are apprised of security areas and company policies regarding security of the plant.

6.0 DOCUMENTATION

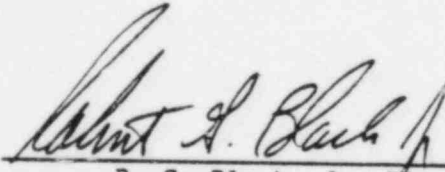
- 6.1 News releases
- 6.2 Audio tapes and transcriptions of news media briefings
- 6.3 Video tapes of media briefings
- 6.4 Log of news media badged at Plant Media Center

7.0 REFERENCES

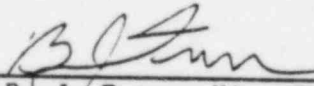
- 7.1 Plant Emergency Plan and Emergency Procedures
- 7.2 Corporate Emergency Plan and Implementing Procedures
- 7.3 Corporate Communications Procedures
- 7.4 Public Education Brochures
- 7.5 Media Kits

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 14

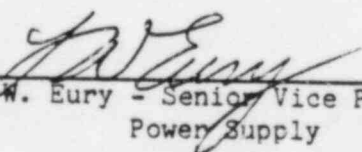
TITLE: Health Physics Support Equipment Control Procedure

Recommended By: 
R. G. Black, Jr. Director
Emergency Preparedness

Date: Oct 29, 1982

Concurrence By: 
B. J. Furr - Vice President
Nuclear Operations

Date: 11-1-82

Approved By: 
L. W. Eury - Senior Vice President
Power Supply

Date: 11/2/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 14 HEALTH PHYSICS SUPPORT EQUIPMENT CONTROL PROCEDURE

1.0 PURPOSE

The purpose of this procedure is to identify and control the health physics supplies and equipment available to the off-site organization for on-site support of the Corporate Emergency Plan.

2.0 DISCUSSION

- 2.1 The Emergency Response Manager will have health physics supplies and equipment readily available to him during a plant emergency to support mitigation and recovery operations. These supplies and equipment are independent of those required for off-site environmental monitoring which are addressed in Technical Services R&CS Section's Emergency Manual. They are also independent of those normally stocked at the affected plant.
- 2.2 This procedure addresses the staging, transporting, storing, and issuing of the health physics supplies and equipment assigned to the Emergency Response Manager. For the purposes of this procedure, the term "staging" includes purchase, storage, and periodic inventory/maintenance.
- 2.3 This procedure addresses two basic time frames, the emergency planning period, and the emergency response period.
- 2.4 Within each time frame, emergency planning and emergency response, this procedure describes responsibilities, methods, and documentation applicable to two basic categories of health physics items: supplies (e.g., expendables such as coveralls, shoe covers and step-off pads) and equipment (e.g., monitoring, sampling, and dosimetry instruments).

3.0 RESPONSIBILITIES

3.1 Emergency Planning Period

The Manager, Radiological and Chemical Support (R&CS) Section is responsible for staging the health physics supplies and equipment listed in Exhibit 14.3-1 and Exhibit 14.3-2.

3.2 Emergency Response Period

- 3.2.1 The Radiation Control Manager is responsible for the transportation to the affected site of the health physics supplies and equipment listed in Exhibit 14.3-1 and Exhibit 14.3-2, and the on-site storage, issue, and maintenance of the health physics equipment listed in Exhibit 14.3-2.

- 3.2.2 The Administrative and Logistics Manager is responsible for the purchase of additional health physics supplies required by the Radiation Control Manager when initial supplies have been utilized, for providing storage for the supplies, and issuing supplies requested by the Radiation Control Manager at the affected site.

4.0 METHOD

4.1 EMERGENCY PLANNING PERIOD

4.1.1 Health Physics Equipment and Supplies

- 4.1.1.1 The Manager of the R&CS Section is Responsible for: (1) Specifying and purchasing the Health Physics Supplies and Equipment listed in Exhibit 14.3-1 and Exhibit 14.3-2, (2) storing this equipment and supplies; and (3) conducting a periodic inventory, maintenance and calibration program for the equipment while it is in storage.

4.2 EMERGENCY RESPONSE PERIOD

4.2.1 Health Physics Supplies

- 4.2.1.1 The Radiation Control Manager is responsible for transporting the supplies listed in Exhibit 14.3-1 to the affected site.
- 4.2.1.2 The Administrative and Logistics Manager is responsible for: (1) setting up storage and issuing facilities at or near the affected site for the supplies listed in Exhibit 14.3-1; and (2) controlling the issuance and resupply of these supplies.

4.2.2 Health Physics Equipment

- 4.2.2.1 The Radiation Control Manager is responsible for: (1) transporting the equipment specified in Exhibit 14.3-2 to the affected site; and (2) controlling the storage, issuance, maintenance and calibration of this equipment during the emergency.

5.0 DOCUMENTATION

5.1 Emergency Planning Period

The Manager, R&CS Section is responsible for maintaining records of the inventories, preventive maintenance and calibrations conducted on the health physics supplies and equipment listed in Exhibit 14.3-1 and Exhibit 14.3-2.

5.2 Emergency Response Period

5.2.1 The Administrative and Logistics Manager is responsible for maintaining records of inventory, issue, and resupply for the health physics supplies at the affected site.

5.2.3 The Radiation Control Manager is responsible for maintaining records of inventory, issuance, maintenance, and calibration for the health physics equipment while it is being used at the affected site.

6.0 REFERENCES

6.1 Corporate Emergency Plan and Implementing Procedures

6.2 Plant Emergency Plan and Emergency Procedures

6.3 Harris E&E Center, Radiological and Chemical Support Section's
Emergency Instructions

EXHIBIT 14.3-1
HEALTH PHYSICS SUPPLIES AVAILABLE TO THE
EMERGENCY RESPONSE MANAGER

| <u>ITEM</u> | <u>QUANTITY</u> |
|------------------------------------|-----------------|
| <u>Protective Clothing</u> | |
| Coveralls | 2000 Suits |
| Hoods | 2000 |
| Plastic Suits | 200 Suits |
| Plastic Shoe Covers | 3000 PR |
| Rubber Booties | 1000 PR |
| Surgical Caps | 1000 |
| Cotton Gloves | 3000 PR |
| Cotton Liners | 5000 PR |
| Disposable Gloves | 5000 PR |
| <u>Respirator Parts</u> | |
| Particulate Filters | 500 |
| Charcoal Cartridges | 100 |
| Air Line Manifold Filters | 5 |
| <u>Air Sampling Supplies</u> | |
| Particulate Filters (Low Vol) | 50 Packs |
| Charcoal Cartiridges (Low Vol) | 500 |
| Particulate Filters (High Vol) | 50 Packs |
| Silver Zeolite Cartridges | 50 |
| Air Sampler Part Kits (Low Volume) | 5 |
| <u>Miscellaneous Supplies</u> | |
| Rad Rope | 10 Spools |
| Rad Signs | 200 |
| Step-Off Pads | 500 |
| Rad Tape | 25 Rolls |
| Cont. Swipes and Envelopes | 100 Packs |
| Yellow Plastic Bags | 2000 |
| Yellow Poly Sheet | 5 Rolls |

EXHIBIT 14.3-2
HEALTH PHYSICS EQUIPMENT AVAILABLE TO THE
EMERGENCY RESPONSE MANAGER

| <u>ITEM</u> | <u>QUANTITY</u> |
|--|-----------------|
| <u>Radiation Survey Instruments</u> | |
| Eberline Teletectors | 10 |
| Eberline #R02A, Ion-Chamber Meter | 15 |
| Ludlum #177, GM Survey Meter | 20 |
| Eberline #PRM-6 with Alpha Survey Probes | 2 |
| Eberline #PRS-2P/NRP, Portable Neutron Counter | 1 |
| Ludlum #19 Micro R Meter | 5 |
| <u>Air Samplers</u> | |
| Low Volume | 10 |
| High Volume | 10 |
| <u>Respiratory Equipment</u> | |
| Full Face Respirators | 200 |
| Forced Air Hoods | 20 |
| Scott Air Packs | 20 |
| Air Line Manifolds | 3 |
| Air Line Hose (25 Ft.) | 20 |
| <u>Dosimetry Equipment</u> | |
| TLD Reader | 1 |
| TLD Badges | 1000 |
| Pencil Dosimeters (500 mR) | 500 |
| Pencil Dosimeters (5000 mR) | 500 |
| Pencil Dosimeters (20000 mR) | 50 |
| Dosimeter Chargers | 10 |

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)

Number 15

TITLE: Construction Support Equipment Control Procedures

Recommended By:

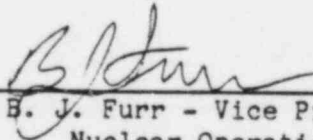


R. G. Black, Jr. Director
Emergency Preparedness

Date:

Oct 29, 1982

Concurrence By:

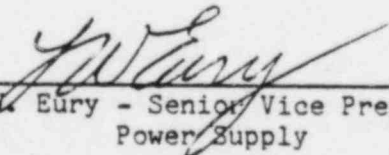


B. J. Furr - Vice President
Nuclear Operations

Date:

11-1-82

Approved By:



L. W. Eury - Senior Vice President
Power Supply

Date:

11/2/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 15 CONSTRUCTION SUPPORT EQUIPMENT CONTROL PROCEDURE

1.0 PURPOSE

The purpose of this procedure is to provide for the Emergency Response Manager a method of access to the construction supplies and equipment available within CP&L and outside the Company.

2.0 DISCUSSION

Construction supplies and equipment are available at the construction projects within the CP&L system. During normal operation, the supplies and equipment at these construction sites are under the management of the Construction Procurement and Contracting Section of the Nuclear Plant Construction Department. During an emergency, however, they will all be made available through the Construction Procurement Section to support the Emergency Response Manager. In addition to the supplies at the construction projects, some construction supplies are stocked at the Company's general warehouse. These are available through normal requisition. Still other equipment and supplies are available through outside lease or purchase.

3.0 RESPONSIBILITIES

- 3.1 During normal operations, the Manager, Construction Procurement and Contracting, will maintain an inventory of construction equipment by project. In addition, he will maintain access, through the Principal Construction Warehousing Specialist to the status of supplies at each construction site.
- 3.2 During an emergency the Administrative and Logistics Manager will be responsible to the Emergency Response Manager to provide the construction supplies and equipment needed to support recovery operations.

4.0 METHOD

- 4.1 The Administrative and Logistics Manager will provide the construction equipment and supplies requested by the Emergency Response Manager. The Administrative and Logistics Manager will use the construction project equipment inventory maintained by the Construction Procurement and Contracting Section of the Nuclear Plant Construction Department to locate construction equipment available within the CP&L system. He will locate construction supplies within the system with the aid of the Principal Construction Warehousing Specialist. In addition, he will locate additional supplies

using the general warehouse catalog. Other supplies and equipment he will purchase or lease through Construction Procurement.

- 4.2 The Administrative and Logistics Manager will obtain the needed supplies and equipment, arrange for their on-site storage at the affected plant, have them transported to that plant by the originating organization (i.e., general warehouse, Nuclear Plant Construction or outside supplier).

5.0 DOCUMENTATION

The Administrative and Logistics Manager will keep:

- (1) Inventory and status records for the construction supplies and equipment maintained on site by the emergency response organization
- (2) Records of outside purchase or lease of construction equipment or supplies

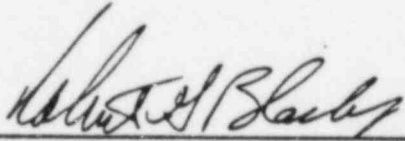
6.0 REFERENCES

- 6.1 Corporate Emergency Plan and Implementing Procedures

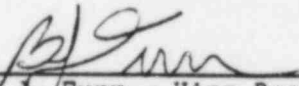
CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)

Number 16

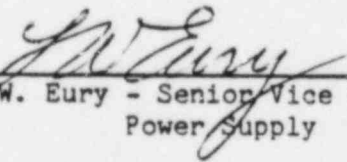
TITLE: Document Control Procedure

Recommended By: 
R. G. Black, Jr. Director
Emergency Preparedness

Date: Oct 29, 1982

Concurrence By: 
B. J. Furr - Vice President
Nuclear Operations

Date: 11-1-82

Approved By: 
L. W. Eury - Senior Vice President
Power Supply

Date: 11/2/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 16 DOCUMENT CONTROL PROCEDURE

1.0 PURPOSE

The purpose of this procedure is to describe and implement the document control required to support the Corporate Emergency Plan (CEP).

2.0 DISCUSSION

- 2.1 Documentation to support the CEP falls into two categories - (1) documents produced and periodically revised prior to an emergency, and (2) documents generated during an emergency.
- 2.2 In order to plan for an emergency, various procedures, plant drawings, etc., must be exchanged between the organizations involved. In addition, these documents must be kept current as revisions occur. It will be the responsibility of the originating organization to issue all revisions to the recipients of the basic documents.
- 2.3 Files generated during an emergency must be opened at its start and kept available for the life of the affected plant.

3.0 RESOURCES

- 3.1 The document control organizations at each nuclear plant.
- 3.2 The federal, state, and local emergency document-issuing agencies.
- 3.3 The Technical Services Department library facilities.
- 3.4 Document production and filing equipment.

4.0 RESPONSIBILITIES

- 4.1 Assistant to the Vice President of Nuclear Operations
Obtain and maintain a set of documents listed in Exhibit 16.4-1 in the Nuclear Operations Department Library. This set of documents should be available to allow a rapid and orderly transfer to the Corporate Emergency Operations Center.
- 4.2 Director Emergency Preparedness
 - 4.2.1 Obtain and maintain a set of documents listed in Exhibit 16.4-2 in the Emergency Preparedness Unit

office. This set of documents should be available to allow a rapid and orderly transfer to the Corporate Operations Center.

- 4.2.2 Provide at least two copies of those documents listed in Exhibit 16.4-2 to the Plant General Manager. One copy should be available for use by the Technical Support Center personnel; one copy should be available for use by the Emergency Operations Facility personnel. The Plant General Manager will be placed on distribution for all revisions of those documents.

4.3 Plant General Manager

- 4.3.1 Provide one copy of those documents listed in Exhibit 16.4-1 to the Assistant to the Vice President of Nuclear Operations for storage in the Nuclear Operations Library. The Assistant to the Vice President will be placed on distribution for all revisions of those documents.

- 4.3.2 Ensure that a copy of those documents listed in Exhibit 16.4-1 and Exhibit 16.4-2 will be maintained and can be made readily available to both the Technical Support Center and Emergency Operations Facility personnel.

4.4 CEOC Manager and CEOC Staff

Establish and maintain files to support the action taken to recover from the emergency.

4.5 Emergency Response Manager and Emergency Team Managers

Maintain detailed files to support the actions taken to recover from the emergency.

4.6 The Site and Headquarters Public Information Coordinators

Maintain a log of all briefings and printed news releases. In addition, maintain a copy of each written news release and, if practical, a tape or transcript of all official briefings and question and answer periods.

5.0 METHOD

- 5.1 The Plant General Manager, the Assistant to the Vice President of Nuclear Operations, and the Director Emergency Preparedness will use existing Plant and Department Procedures to receive and issue required documents and subsequent revisions to these documents.

- 5.2 Upon activation of the CEOC, the Emergency Operations Center, the Technical Support Center, and the Plant and Corporate Headquarters Media Centers, files of all correspondence, telephone calls, telex transmissions, telecopier messages, etc., will be opened and maintained. Existing file numbering systems will be used.
- 5.3 Upon being notified that the CEOC should be activated, the CEOC Operations Coordinator will ensure that documents listed in Exhibit 16.4-1 and Exhibit 16.4-2 are delivered to the CEOC in accordance with CEPIP-8, "CEOC Activation and Operation."

6.0 DOCUMENTATION

- 6.1 Records will be maintained in accordance with existing procedures of documents and revisions thereto which are issued or received by the Company.
- 6.2 All files will be duplicated and each set stored in a separate location. If possible, one set should be kept in Raleigh and the second set in the document control vault at the affected plant. These file sets will be maintained at least until the affected plant is decommissioned.

7.0 REFERENCES

- 7.1 Corporate Emergency Plan
- 7.2 File Manual
- 7.3, CEPIP-8, "CEOC Activation and Operation"

EXHIBIT 16.4-1

Emergency Plan Support Documents for the CEOC
Supplied by General Plant Managers

1. Plant Drawings (CEOC)
2. Plant Technical Specifications (Library, 3rd Floor)
3. Plant Final Safety Analysis Report (Library, 3rd Floor)
4. Plant Emergency Plan and Implementing Procedures (CEOC)
5. Plant Operating Manual (Library, 3rd Floor)
6. Plant Technical Manuals for Safety Related Components (Library, 3rd Floor)

EXHIBIT 16.4-2

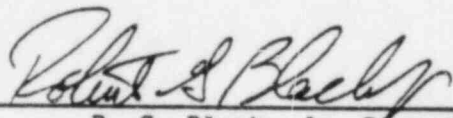
Emergency Plan Support Documents for the CEOC
Supplied by the Emergency Preparedness Unit

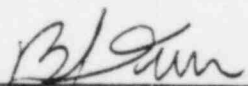
1. Applicable NUREGs and other federal emergency planning information
2. Corporate Emergency Plan and Emergency Procedures
3. State Emergency Plans
 - a. North Carolina
 - b. South Carolina
4. Local County Emergency Plans
 - a. North Carolina - Brunswick County, New Hanover County
 - b. South Carolina - Darlington County, Chesterfield County, Lee County

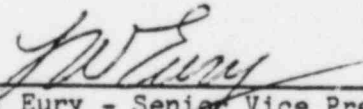
CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)

Number 17.

TITLE: Plan Maintenance, Update and Distribution

Recommended By:  Date: Oct 29, 1982
R. G. Black, Jr. Director
Emergency Preparedness

Concurrence By:  Date: 11-1-82
B. J. Furr - Vice President
Nuclear Operations

Approved By:  Date: 11/2/82
L. W. Eury - Senior Vice President
Power Supply

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 17, PLAN MAINTENANCE, UPDATE, AND DISTRIBUTION

1.0 PURPOSE

To define the requirements necessary for maintenance, revision, and distribution of the Corporate Emergency Plan (CEP) and procedures.

2.0 DISCUSSION

An annual review of the CEP will be performed by various Company personnel who have been designated to function in the corporate emergency organization. The review will be coordinated to assure that representatives from all key organizational units defined in the Plan will participate in the review. The annual review will be utilized to update the plan and to improve emergency procedures required by the plan.

3.0 RESOURCES

- 3.1 Plant Emergency Procedures
- 3.2 Plant Operating Procedures

4.0 RESPONSIBILITIES

The Director - Emergency Preparedness or his designee will have the following responsibilities:

- 4.1 Maintain the Corporate Emergency Plan (CEP) and Implementing Procedures up to date.
- 4.2 Coordinate the annual review of the CEP and Implementing Procedures.
- 4.3 Distribute copies of the CEP and Implementing Procedures and any revisions thereto to appropriate Company personnel.

5.0 METHOD

- 5.1 The Director - Emergency Preparedness or his designee will issue copies of the CEP and Implementing Procedures to appropriate Company personnel.
- 5.2 The Director - Emergency Preparedness or his designee will request on an annual basis a review of the CEP and Implementing Procedures by key Company personnel designated to function in the corporate emergency organization.

- 5.3 All proposed revisions will be submitted in writing to the Director - Emergency Preparedness or his designee.
- 5.4 Once received, the Director - Emergency Preparedness or his designee will forward copies of the proposed revision to appropriate emergency team members for review and comment.
- 5.5 If additional comments are developed during the review, the CEP or Implementing Procedures will be returned to the Director - Emergency Preparedness or his designee for resolution. Upon resolution of comments, the revised CEP or procedures will be concurred with by appropriate management representatives and approved by the Senior Vice President - Power Supply.
- 5.6 Once a revision to the CEP has received the necessary concurrences and approvals, copies of the CEP or Implementing Procedure and acknowledgement sheets will be forwarded to each CEP holder for inclusion in his CEP.
- 5.7 The Director - Emergency Preparedness or his designee will maintain an up-to-date list of all CEP holders.
- 5.8 The Director - Emergency Preparedness or his designee will maintain a historical file of the original CEP and procedures and subsequent revisions.
- 5.9 The Director - Emergency Preparedness or his designee will issue new procedures, revised CEP Implementing Procedures, and revised index as applicable.
- 5.10 Each CEP holder, upon receipt of CEP and/or Implementing Procedures, should return the acknowledgement sheet in a timely manner to the person designated on the acknowledgement sheet.

6.0 DOCUMENTATION

The Director - Emergency Preparedness will develop and maintain a documentation system which verifies the maintenance, update, and distribution of the CEP.

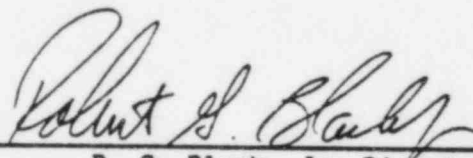
7.0 REFERENCES

- 7.1 Corporate Emergency Plan and Implementing Procedures

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
Number 18

TITLE: Emergency Response Exercises and Drills

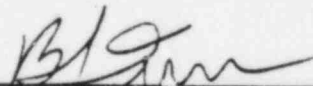
Recommended By:



R. G. Black, Jr. Director
Emergency Preparedness

Date: Oct 29, 1982


Concurrence By:



B. J. Furr - Vice President
Nuclear Operations

Date: 11-1-82

Approved By:



L. W. Eury - Senior Vice President
Power Supply

Date: 11/3/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 18, EMERGENCY RESPONSE EXERCISES AND DRILLS

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Attachments

1. Exercise Management/Evaluation Organization
2. Exercise Message/Drill Card
3. System Parameter Data and Status (SPDS) Form: BSEP
4. System Parameter Data and Status (SPDS) Form: HBR
5. System Parameter Data and Status (SPDS) Form: SHNPP
6. Exercise Critique Report

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE
NUMBER 18, EMERGENCY RESPONSE EXERCISES AND DRILLS

1.0 PURPOSE OF EXERCISES AND DRILLS

1.1 General

The purpose of exercises and drills is to periodically evaluate major portions of emergency response capabilities and other elements of plant radiological emergency response plans, corporate emergency plans, and state and local emergency plans in accordance with the provisions of Nuclear Regulatory Commission Regulation 10CFR50.47(b)(14). Plant procedures for the conduct of emergency response exercises are contained in Plant Emergency Procedure PEP 4.3.

1.2 Exercise

An EXERCISE is a maneuver, operation, or drill carried out for training or disciplining. It is an event that tests the integrated capability and effectiveness of emergency preparedness plans, facilities, organizations, and equipment.

1.3 Scenario

The SCENARIO is the description of a hypothetical situation from start to finish which serves as the theme or basis upon which the action or play of the exercise or drill unfolds. The scenario includes exercise messages/drill cards and system parameter data and status (SPDS) sheets.

1.4 Drill

A DRILL is a supervised instruction period aimed at testing, developing, and maintaining skills in a particular operation. A drill is often a component of an exercise.

1.5 Tabletop Exercise

A TABLETOP EXERCISE is a training drill at which selected participants will work their way through a scenario by role playing and/or discussion around a table or in a conference, or at predetermined exercise stations. Prewritten messages and SPDS sheets based on the scenario are used to initiate player response and keep the exercise action moving according to established objectives. A table top exercise may be used as a rehearsal for an annual exercise.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

1.6 Frequencies

Monthly means at least once per 31 days; quarterly means at least once per 92 days; semiannually means at least once per 184 days; and annually means at least once per 366 days. (See CP&L Quality Assurance Manual.)

2.0 OBJECTIVES OF EXERCISES/DRILLS

- 2.1 Exercise at least annually the emergency plan and implementing procedures for each plant having a power reactor licensed for operation.
- 2.2 Test the adequacy of timing and content of implementing procedures and methods.
- 2.3 Test emergency response facilities, equipment and communications networks.
- 2.4 Test the public alerting and notification system. (Not necessary during the annual exercise.)
- 2.5 Ensure that emergency organization personnel are familiar with and proficient in performing their duties.
- 2.6 Demonstrate proficiency in recognizing, assessing and classifying the emergency condition, and in employing corrective measures.
- 2.7 Demonstrate adequacy of protective measures considered and used to protect people, both plant and public.
- 2.8 Meet CP&L emergency plan training objectives.
- 2.9 Demonstrate adequacy of interfaces between implementing procedures and other operating procedures (fire, security, etc.).

3.0 TYPES OF EXERCISES/DRILLS AND REQUIREMENTS

3.1 Annual Exercises

- 3.1.1 Each plant in cooperation with Corporate Emergency Support Personnel shall conduct an annual exercise as required by 10CFR50, App. E.IV.F.
- 3.1.2 Full-scale or small-scale exercises will be conducted as required in accordance with a plan prepared for each exercise.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- 3.1.3 The emergency preparedness exercise shall simulate an emergency that results in off-site radiological releases which would require response by off-site authorities.
- 3.1.4 The scenario will be varied from year to year such that all major elements of the plans and preparedness organizations are tested within a five-year period.
- 3.1.5 Each plant will make provisions to start an exercise between 6:00 p.m. and midnight, and another between midnight and 6:00 a.m. once every six years. Exercises will be conducted under various weather conditions. Some exercises will be unannounced.

3.2 Full-Scale Exercises

The following are characteristics of a full-scale exercise:

- 3.2.1 Tests as much of the corporate, plant, state, and local emergency plans as is reasonably achievable without mandatory public participation.
- 3.2.2 Conducted for each licensed nuclear plant at least every five (5) years.
- 3.2.3 Federal emergency response agencies shall be involved at least once every five (5) years.
- 3.2.4 Conducted at a frequency which will enable each state and local government within the plume exposure pathway EPZ (10-mile EPZ) to participate in at least one full-scale exercise every year.
- 3.2.5 Conducted at a frequency which will enable each State within the ingestion exposure pathway (50-mile EPZ) to participate in at least one full-scale exercise every three (3) years.

3.3 Small-Scale Exercises

The following are characteristics of a small-scale exercise:

- 3.3.1 Tests the adequacy of communication links; establishes that response agencies understand the emergency action levels (EAL); and tests at least one other component (e.g., medical or off-site monitoring) of the off-site emergency response plan for the plant, state, and local jurisdictions within the plume exposure pathway EPZ (10-mile EPZ).

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- 3.3.2 Conducted each year at each plant when a full-scale exercise is not conducted with states within the plume exposure pathway EPZ.

3.4 Prelicensing Exercise

A full-scale exercise will be conducted prior to operation above 5% of rated power of the first reactor and within one year before the issuance of the operating license for full power at a power reactor site.

3.5 Drills

- 3.5.1 General - Each nuclear plant shall conduct drills in addition to the annual exercise at the frequencies indicated for various types of drills described below. Emphasis will be on the effectiveness of procedures and actual use of emergency equipment.

3.5.2 Communication Drills

- 3.5.2.1 Communications from the Plant to the State and local government warning points and within the plume exposure pathway Emergency Planning Zone shall be tested MONTHLY.
- 3.5.2.2 Communications with federal emergency response organizations and states within the ingestion pathway shall be tested QUARTERLY.
- 3.5.2.3 Communications between the nuclear facility, state, and local emergency operations centers, and field assessment teams (environmental monitoring teams) shall be tested ANNUALLY.
- 3.5.2.4 Communication drills shall also include the aspect of understanding the content of messages.
- 3.5.3 Fire Drills - Fire drills shall be conducted in accordance with the plant (nuclear) technical specifications and fire protection manual.
- 3.5.4 Medical Emergency Drills - A medical emergency drill involving a simulated contaminated individual with provision for participation by the local support services agencies (i.e., ambulance, and off-site

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

medical treatment facility) shall be conducted ANNUALLY. The off-site portions of the medical drill may be performed as part of the required annual exercise.

- 3.5.5 Radiological Monitoring Drills - Plant environs and radiological monitoring drills (on-site and off-site) shall be conducted ANNUALLY. These drills shall include collection and analysis of all sample media (e.g., water, vegetation, soil, and air), and provisions for communications and record keeping.

3.5.6 Health Physics/Radiation Protection Drills

3.5.6.1 Health Physics drills shall be conducted SEMIANNUALLY which involve response to, and analysis of, simulated elevated airborne and liquid samples and direct radiation measurements in the environment.

3.5.6.2 Analysis of in-plant liquid samples with actual elevated radiation levels including use of the post-accident sampling system shall be included in Health Physics drills SEMIANNUALLY.

4.0 EXERCISE/DRILL FACILITIES

The following emergency facilities may be activated when required by the exercise scenario and operated in accordance with corporate and plant emergency plans and procedures.

- 4.1 Corporate Emergency Operations Center (CEOC)
- 4.2 Plant Control Room
- 4.3 Technical Support Center (TSC)
- 4.4 Operational Support Center (OSC)
- 4.5 Emergency Operations Facility (EOF)
- 4.6 Plant Media Center
- 4.7 Corporate Headquarters Media Center

State and local Emergency Operating Centers (EOCs) operate according to state and local government emergency preparedness plans.

5.0 COMMAND AND CONTROL FOR EXERCISES

5.1 General

The Exercise Organization will consist of the following for annual exercises with modification as appropriate for other than the annual exercises (See also Attachment 1):

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- 5.1.1 Corporate Exercise Director
 - 5.1.2 Corporate Exercise Planner/Controller
 - 5.1.3 Plant Exercise Planner/Controller
 - 5.1.4 Scenario Writer - Operations
 - 5.1.5 Scenario Writer - Radiological
 - 5.1.6 Corporate Meteorologist
 - 5.1.7 Chief Evaluator
 - 5.1.8 Controllers/Evaluators
 - 5.1.9 Observers
 - 5.1.1 Players
- 5.2 Corporate Exercise Director, should:
- 5.2.1 Designate a Corporate Planner/Controller.
 - 5.2.2 Assure that necessary resources are provided to plan and perform exercises and drills.
 - 5.2.3 Coordinate the scheduling of the exercise with the state, CP&L management, and the plant.
 - 5.2.4 Notify the NRC 45 days prior to each annual exercise of the date and scenario.
 - 5.2.5 Following the exercises, develop an Action Item List in coordination with Corporate and plant management.
 - 5.2.6 Each month assure that follow-up action is taken to correct deficiencies noted during the exercise, and prepare a monthly status report on actions taken and completed.
- 5.3 Corporate Planner/Controller should:
- 5.3.1 Coordinate corporate, plant, and state activities in preparing for and conducting exercises.
 - 5.3.2 Prepare the exercise plan when the exercise involves corporate participation with the plant.
 - 5.3.3 Coordinate with the Manager, Nuclear Training, the Chief Plant Exercise Planner/Controller, and the Plant Training Supervisor on the theme and objectives of the scenario for the exercise.
 - 5.3.4 During the exercise be at a location where he can be reached by all the exercise Controllers to answer questions regarding on-the-spot changes that may be required in messages, etc.
 - 5.3.5 Assist in preparing the "Action Item List" after the exercise.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

5.4 Chief Plant Exercise Planner/Controller should:

- 5.4.1 Be designated by the Emergency Planning Coordinator to coordinate plant preparations for and conduct of the exercise.
- 5.4.2 Develop and prepare the exercise plan when only the plant is involved in the exercise or drill; and oversee conduct of the exercise activities of the plant.
- 5.4.3 Coordinate with and assist the Corporate Planner/Controller in preparing the Action Item List and plan for corrective action.

5.5 Chief Evaluator should:

- 5.5.1 The Chief Evaluator in cooperation with the Corporate Exercise Planner/Controller will identify individuals to serve as Evaluators and as Controllers.
- 5.5.2 At least one month prior to the exercise prepare letters to or otherwise contact the supervisors of individuals tentatively identified in Section 5.5.1 above, requesting their support in making the employee available to serve as Controller and/or Evaluator.
- 5.5.3 At least two weeks prior to the exercise, conduct a briefing of the Controllers and Evaluators on the exercise plan and scenario and the duties of Controllers and Evaluators.
- 5.5.4 On the day before the exercise conduct a final briefing on the exercise plan and scenario for the Controllers and Evaluators and advise them of the time and place to meet immediately after the exercise to prepare the exercise critique reports.
- 5.5.5 During the exercise, travel to as many exercise locations as possible to obtain an overall picture of exercise performance.
- 5.5.6 After the exercise is completed, meet with Evaluators and Controllers to critique each exercise function or location evaluated.
- 5.5.7 After the meeting of Evaluators and Controllers, meet with and brief the plant staff, and others as appropriate, on deficiencies observed and evaluator recommendations for corrective action.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- 5.5.8 Within 30 days after the exercise submit to the Plant General Manager a written exercise evaluation report from notes and reports submitted by evaluators. This report will serve as a basis for preparing the Action Item List.
- 5.6 Scenario Writer - Operations should:
- 5.6.1 Prepare Exercise Message/Drill Cards and System Parameter Data and Status Forms (SPDS) in cooperation with Scenario Writer - Radiological, and Corporate Meteorologist at least four weeks before the date of the exercise to satisfy the requirements of the exercise/drill scenario. (See Section 6.0 and 7.0.)
- 5.6.2 Serve as Controller/Evaluator in the Plant Control Room during the exercise.
- 5.6.3 Participate in the critique after the exercise and present his observations of Control Room performance.
- 5.7 Scenario Writer - Radiological should:
- 5.7.1 Work with the Scenario Writer - Operations, and the Corporate Meteorologist in developing the scenario, the necessary Exercise Messages/Drill Cards, and System Parameter Data and Status (SPDS) sheets to provide radiological data input.
- 5.7.2 Serve in the TSC as the Controller/Evaluator of appropriate radiological control functions during the exercise.
- 5.7.3 Participate in the critique after the exercise and present his observations of radiological control activities.
- 5.8 Corporate Meteorologist should:
- 5.8.1 Assist the Scenario Writer - Operations and Radiological on meteorological aspects of the scenario.
- 5.8.2 Develop isopleths based on the simulated radiological releases.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- 5.8.3 Provide weather data as required by the scenario.
- 5.8.4 Serve as a Controller/Evaluator of the Dose Assessment or Environmental Monitoring activities during the exercise.
- 5.8.5 Participate in the critique after the exercise and present his observations of the dose assessment and environmental monitoring activities.

5.9 Controllers should:

- 5.9.1 When feasible also serve as evaluators and perform functions as described in Sections 5.10.
- 5.9.2 Deliver "Exercise Message/Drill Cards" to designated exercise players at proper times and places during the exercise; inject or deliver additional messages, signs, etc. as may be required to initiate the appropriate player response and keep the exercise action moving according to the scenario and exercise objectives.
- 5.9.3 Advise the players to whom they are assigned of any exercise artificialities, assumptions to be made, or simulated actions to be taken when appropriate.
- 5.9.4 Observe the exercise at their assigned locations, maintain a log, prepare an exercise critique report, and submit written recommendations on any corrective actions required to the Chief Exercise Evaluator.
- 5.9.5 Offer no information, advice, or assistance to the exercise/drill participants other than what is intended by the scenario. Any such requests should be respectfully declined. Controllers will only interpose themselves if the participants are taking an action that will cause the exercise to go far afield of the anticipated time schedule and/or outcome. Examples of problems requiring such interpositions may include: a dose calculation/ projection that is so grossly inaccurate that an action level other than the one postulated for the scenario would be instituted; an activity that is taking so much longer than predicted that the exercise scenario is in danger of not progressing as postulated.
- 5.9.6 Adjust the content or timing of emergency message input as approved by the Chief Controller to accommodate the events or unanticipated occurrences within the exercise.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

5.10 Evaluators should:

- 5.10.1 Be selected on the basis of their qualifications to evaluate the activity to which assigned.
- 5.10.2 Be assigned to key locations and response activities where they will maintain a log and record their observations.
- 5.10.3 Evaluate activities, facilities, procedures, etc., on the basis of guidance given in pre-exercise meetings; exercise objectives; standards or requirements contained in the Plant and Corporate Emergency Plans and implementing procedures; and notations in the "Actions Expected" portion of the Exercise Message/Drill Cards for the area evaluated.
- 5.10.4 Participate in the critique after the exercise and prepare an exercise critique report on the function evaluated. The report should clearly but briefly identify each deficiency observed, followed by a statement of the evaluators opinion on what corrective action is needed.

5.11 Exercise Players should:

- 5.11.1 Consist of all plant and other CP&L personnel assigned to perform functions of the emergency positions as described in Section 3 of the Plant Emergency Plan and in the Plant Emergency Procedures (PEP).
- 5.11.2 Receive Exercise Message/Drill Cards from Controllers and on the basis of this input, initiate actions and/or messages during the exercise according to the procedures, responsibilities, and tasks outlined for their particular function in the Corporate or Plant Emergency Plan and Implementing Procedures.
- 5.11.3 Make note of any needed improvements that come to their attention during the exercise and submit them to the appropriate Controller at the conclusion of the exercise.
- 5.11.4 Provide to the Emergency Planning Coordinator following the exercise, a copy of those records they are required to maintain during an emergency in accordance with Plant Emergency Procedure (PEP) 4.1. This will include a roster of personnel participating in the exercise and a log of activities from each functional supervisor.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

5.12 Exercise Termination

The Site Emergency Coordinator and the Emergency Response Manager, in consultation with the Corporate Exercise Director will be responsible for deciding when to terminate an exercise or drill and for providing for notification and announcement of such termination.

5.13 Safety Considerations

The plant operating staff can at any time stop and/or terminate an exercise if the safety of the plant or personnel is in question.

6.0 EXERCISE/DRILL PLANS

6.1 Preparation of Exercise Plans

Plans shall be prepared in advance of each exercise or drill by personnel as described in CEPIP 19, "Emergency Plan Training Program."

6.2 Contents of Exercise Plans

Exercise plans shall include a description of and/or provision for the following:

- 6.2.1 The basic objective(s) of each drill and exercise and appropriate evaluation criteria;
- 6.2.2 The date(s), time period, place(s), and participating organizations;
- 6.2.3 Identification of the locations where exercise play will take place;
- 6.2.4 The scenario, including a time schedule of real and simulated accident initiating events, and narrative describing the concept and conduct of the exercise or drill in accordance with exercise/drill objectives. The scenario will simulate an off-normal incident that may escalate from an Unusual Event to a General Emergency and will include such things as off-site radiation releases, simulated casualties, off-site fire department assistance, rescue of personnel, use of protective clothing, deployment of radiological monitoring teams, and public information activities.
- 6.2.5 Exercise Message/Drill Cards and System Parameter Data and Status (SPDS) forms will be prepared by the exercise scenario writers in coordination with

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

exercise planners (see Attachments 2, 3, 4, and 5 for format). The exercise messages will be prepared in duplicate when they are written. All information at the top of the message form through the "Message/Simulated Plant Conditions" section will be provided on both copies. The second copy will include the "Actions Expected" and "For Controller Use Only" information.

Controllers will give Copy #1 to the designated players at the appropriate times during the exercise; Copy #2 will be kept by the Controller. Additional copies will be provided for the Corporate Exercise Planner/Controller, the Plant Exercise Planner/ Controller, the Chief Evaluator, the NRC, and individual Controllers and Evaluators.

The purpose of the completed form is to initiate the appropriate exercise player response and to keep the exercise action moving according to the scenario and exercise objectives. The messages that are delivered to players during the play of the exercise should allow "free play," i.e., should not tell the player what should be done.

Simulated plant parameters also will only be provided to the Control Room operators using the appropriate system parameter data and status (SPDS) form shown as Attachments 3, 4, and 5.

- 6.2.6 The exercise management and evaluation organization will be identified and described in the exercise plan.
- 6.2.7 Communications - The exercise plan will contain any special information on communications to supplement the Plant Emergency Plan and Procedures.
- 6.2.8 Transportation arrangements for observers, controllers, evaluators, etc., if appropriate.
- 6.2.9 Lodging and feeding arrangements, if appropriate.
- 6.2.10 Logistical requirements.
- 6.2.11 Emergency facilities to be exercised.
- 6.2.12 Command, control, and critiques criteria.
- 6.2.13 Attachments/appendices to Exercise Plan.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

7.0 SCENARIOS

- 7.1 The Director - Emergency Preparedness, Technical Services Department, is responsible for preparing the scenarios, exercise message/drill cards, and SPDS forms for annual exercises and drills. (See also CEPIP-19.)
- 7.2 The Plant Fire Protection Specialist is responsible for preparing the scenarios for fire drills required by the plant (nuclear) technical specifications and fire protection manual.
- 7.3 The Plant Security Specialist is responsible for preparing the scenarios for security drills.
- 7.4 The Plant E&RC Manager and the Manager R&CS, Technical Services Department, are responsible for preparing the scenarios for radiological control and health physics drills.

8.0 EVALUATION AND CRITIQUES

- 8.1 The facilities and the organizations listed below may be evaluated in addition to the Plant Emergency Plan and Procedures.

Control Room.

Operational Support Center (OSC)

Technical Support Center (TSC)

Plant Media Center (PMC)

Emergency Operations Facility (EOF)

Corporate Emergency Operating Center (CEOC)

Corporate Headquarters Media Center

- 8.2 The following activities may be evaluated:

Accident recognition, classification, and assessment

Assessment and monitoring of on-site and off-site radiological consequences

Alerting, notification, and mobilization activities

In-plant corrective actions

Activation and use of emergency facilities and equipment

Public warning and notification

Use of communications equipment and procedures

Preparation of reports, messages, and records

Protective actions - Evacuation, Decontamination, etc.

Public information and public relations

First aid measures, rescue, handling contaminated accident cases

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

Security control, site access, personnel accountability
Fire fighting
Recovery and re-entry

- 8.3 Each exercise shall provide for formal critiques by all controllers, evaluators, and participants at the conclusion of the exercise. The time and place of the critique meeting shall be specified in the plan for each exercise/drill.
- 8.4 Any weakness in the emergency plan, facilities, training, etc., that are identified through the critique process shall be documented and corrected by the organizations and individuals who have responsibility for the areas identified.
- 8.5 Exercise Critique Reports will be prepared by Exercise/ Drill Evaluators (see Attachment 6). Completed reports will be submitted by each evaluator to the Chief Evaluator after the exercise/drill. The evaluator reports will be used to prepare a draft "Action Item List." The Chief Evaluator will present appropriate findings to plant personnel at the critique meeting.
- 8.6 Management controls shall be established to ensure that corrective actions are taken as necessary. The Director, Emergency Preparedness and Plant Management will collectively develop a schedule for correcting deficiencies identified. Evaluator reports and Action Item Lists will be retained by the Director - Emergency Preparedness for a period of six years as required by CP&L QA letter of commitment to NRC dated February 27, 1975.

9.0 EVALUATION STANDARDS

- 9.1 The appropriate parts of the Corporate and Plant Emergency Plans and their Implementing Procedures that apply to the function, activity, facilities, and personnel will be used as standards for evaluation.
- 9.2 Guidance given in pre-exercise meetings, notations in the "Actions Expected" portion of the Exercise Message/Drill Cards, and the exercise objectives as enumerated in the exercise plan will be used also as evaluation standards.

10.0 EXERCISE GRADING

The exercise critique report will contain a grading or rating for each exercise area evaluated as follows:

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- 10.1 Excellent: Personnel and equipment always functioned without error the first time, every time. There were no problems encountered and all personnel and equipment functioned as specified by the Exercise Plan, and the Corporate and Plant Emergency Plans and their implementing procedures.
- 10.2 Satisfactory: Personnel and/or equipment performed according to expectations, with some minor exceptions. Any errors noted were not severe, would not reduce the effectiveness of the plant emergency response capability, and could be corrected without undue labor and/or expense.
- 10.3 Unsatisfactory: Personnel and/or equipment generally performed below expectations and/or there were several significant deficiencies noted. The ability of personnel and/or equipment to carry out assigned mission was diminished. Performance of facility was not in accordance with the Corporate or Plant Emergency Plans and their implementing procedures.

11.0 EXERCISE EVALUATION SUMMARY FORMAT

The completed exercise critique reports and the results of the evaluator meeting will be used by the Chief Evaluator to prepare a summary exercise evaluation that will have the following format and content:

A. Introduction

Introductory and general statements noting the overall performance rating during the exercise.

B. Summary of Significant Deficiencies

Short statements listing deficiencies considered by the Chief Evaluator to be significant. Such deficiencies may include rule infractions or violations that could be the subject of NRC enforcement action or may be commitments made to the NRC that require immediate action.

C. Detailed Findings

Include positive and negative objectives and comments regarding the effectiveness of emergency planning elements in the following format as applicable:

(1) Emergency Facilities

Control Room
Technical Support Center
Operations Support Center

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

- Emergency Operations Facility(ies)
- Plant Media Center
- Corporate Emergency Operations Center
- Corporate Headquarters Media Center
- Other facilities

- (2) Emergency equipment
 - Kits, monitors, instrumentation, respiratory protection, protective clothing, supplies.

- (3) Communications equipment

- (4) Accident assessment and use of EALs
 - Source term and dose assessment
 - In-plant monitoring
 - Off-site radiological surveys
 - Sampling and sample analysis (onsite and offsite)

- (5) Protective Actions
 - Personnel monitoring and decontamination
 - First Aid/Rescue
 - Radiological exposure control
 - Site evacuation

- (6) Security

- (7) Fire Protection

- (8) Public Information

12.0 COMMUNICATIONS

- 12.1 Corporate and plant communication equipment and procedures will be utilized.

- 12.2 All exercise participants will synchronize their watches and clocks with the Control Room.

- 12.3 Local 24-hour clock time will be used in all reports and communications and Eastern Daylight Time (EDT) or Eastern Standard Time (EST) will be specified as appropriate.

- 12.4 Mobile radiological monitoring teams will communicate with their supervisors via portable radio.

- 12.5 A standard message form will be used for purposes of recording all incoming and outgoing messages.

EMERGENCY RESPONSE EXERCISES AND DRILLS (cont'd)

12.6 A log will be maintained by each organizational component in accordance with corporate and plant procedures.

13.0 LOGISTICS AND SUPPLY

13.1 Responsibility

Each organizational component will be responsible for the acquisition and maintenance of supplies, equipment, etc., required in the performance of its functions.

13.2 Transportation

Each participant will obtain transportation in accordance with the Corporate Emergency Plan. Each controller, volunteer, and observer will obtain transportation in accordance with normal department policies.

13.3 Lodging and Feeding

Each controller, evaluator, observer, or participant will make his own lodging and feeding arrangements, supported by his own department unless advised otherwise.

13.4 Identification Ribbons/Armbands

Colored ribbons or armbands will be worn by exercise participants to identify their roles in the exercise. The Plant Exercise Director/Planner will be responsible for obtaining and distributing the ribbons or armbands to the exercise participants prior to the exercise.

Distinctive colors will be worn to identify the various types of participants in accordance with the system used by the State emergency preparedness organization in which the plant is located. The colors currently in use are as follows:

| Participant | North Carolina | South Carolina |
|-------------|----------------|----------------|
| Players | White | Green |
| Controllers | Red | White |
| Evaluators | Blue | Blue |
| Observers | Green | Red |

CAROLINA POWER & LIGHT COMPANY
EXERCISE MANAGEMENT/EVALUATION ORGANIZATION

PRIMARY

ALTERNATE

1. CORPORATE EXERCISE DIRECTOR
 2. CORPORATE PLANNER/CONTROLLER
 3. SCENARIO WRITER: OPERATIONS
 4. SCENARIO WRITER: RADIOLOGICAL
 5. CORPORATE METEOROLOGIST
 6. PLANT PLANNER
 7. CHIEF EVALUATOR
 8. CONTROL RM CONTROLLER/EVALUATOR (C/E)
 9. OSC C/E
 10. TSC C/E
 11. EOF C/E
 12. SECURITY C/E
 13. COMMUNICATIONS C/E
 14. RADIOLOGICAL CONTROL DIRECTOR C/E
 15. DOSE ASSESSMENT C/E
 16. PLANT MONITORING TEAM LEADER C/E
 17. PLANT MONITORING TEAM C/E
 18. PERSONNEL PROT. & DECON TEAM LDR C/E
 19. PERSONNEL PROT. & DECON TEAM C/E
 20. ENVIRONMENTAL MONITORING TEAM LDR C/E
 21. ENVIRONMENTAL MONITORING TEAM #1 C/E
 22. ENVIRONMENTAL MONITORING TEAM #2 C/E
 23. ACCIDENT ASSESSMENT TEAM C/E
 24. HE&EC ENVIRONMENTAL LAB C/E
 25. CEOC C/E
 26. PLANT MEDIA CENTER C/E
 27. FIRE C/E
 28. QA QUALITY ASSURANCE
 29. OTHER
- C/E = CONTROLLER/EVALUATOR

CP&L
EXERCISE MESSAGE/DRILL CARD

Plant

Message No. _____ Date _____ Time _____

MESSAGE FOR:

FROM: CONTROLLER

MESSAGE/SIMULATED PLANT CONDITIONS: "THIS IS AN EXERCISE MESSAGE"

ACTIONS EXPECTED:

FOR CONTROLLER USE ONLY

BRUNSWICK
SYSTEM PARAMETER DATA AND STATUS (UNIT # ___)

CEPIP-18
Rev. 1
Attachment 3
November 1982

| TIME: | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Reactor Pressure | | | | | | | |
| Reactor Level | | | | | | | |
| Total Feedwater Flow | | | | | | | |
| Drywell Pressure | | | | | | | |
| Drywell Temperature | | | | | | | |
| Torus Temperature | | | | | | | |
| Torus Level | | | | | | | |
| HPCI Status | | | | | | | |
| RCIC Status | | | | | | | |
| RHR "A" Flow | | | | | | | |
| "B" Flow | | | | | | | |
| Core Spray "A" Flow | | | | | | | |
| Core Spray "B" Flow | | | | | | | |
| SBGT "A" Flow | | | | | | | |
| SBGT "B" Flow | | | | | | | |
| Drywell Radiation Monitor | | | | | | | |
| Rx Building ~ Area Rad. Monit. | | | | | | | |
| Stack Monitor ~ High | | | | | | | |
| Stack Monitor ~ Low | | | | | | | |
| Stack Vent Flow | | | | | | | |
| Diesel Gen #1 Status | | | | | | | |
| Diesel Gen #2 Status | | | | | | | |
| Diesel Gen #3 Status | | | | | | | |
| Diesel Gen #4 Status | | | | | | | |
| Off-Site Power Available | | | | | | | |

H. B. Robinson Nuclear Plant
 SYSTEM PARAMETER DATA & STATUS

PLANT STATUS (Circle)
 Normal, Unusual Event, Site Emergency

Alert, General Emergency

DATE: _____
 TIME: _____
 COMPLETED BY: _____

1) PRIMARY SYSTEM

RCS Press (psig) _____
 PZR Level (Z) _____
 Tavg (°F) _____
 Loop A Th (°F) _____
 Tc (°F) _____
 Loop B Th (°F) _____
 Tc (°F) _____
 Loop C Th (°F) _____
 Tc (°F) _____
 Subcooling (°F) _____
 Charging Flow (gpm) _____
 Loaddown Flow (gpm) _____
 Neutron Flux (cps) _____
 Activity
 gross (uci/ml) _____
 I-131 (uci/ml) _____

2) SECONDARY SYSTEM

SG A Lev-WR (Z) _____
 Press (psig) _____
 Feed (pph) _____
 Steam (pph) _____
 SG B Lev-WR (Z) _____
 Press (psig) _____
 Feed (pph) _____
 Steam (pph) _____
 SG C Lev-WR (Z) _____
 Press (psig) _____
 Feed (pph) _____
 Steam (pph) _____
 Cond Str Tk Lev (Z) _____

3) CONDIMENT SYSTEM

Press (psig) _____
 Temp (°F) _____
 H₂ Conc (Z) _____
 Sump Lev (inches) _____
 RAST Lev (Z) _____
 Spray Add Tk Lev (Z) _____

4) ENVIRONMENTAL SYSTEMS

Wind Speed Upper (mph) _____
 Lower (mph) _____
 Wind Dir Upper _____
 Lower _____
 Air Temp (°F) _____
 Pasquill Stab Factor _____

5) ESF Swicem

SI Actuated: Time _____
 Reset: Time _____
 CS Actuated: Time _____
 Reset: Time _____
 Cont Iso A Actuated: Time _____
 Reset: Time _____
 Cont Iso B Actuated: Time _____
 Reset: Time _____
 BIT TK Lev Full _____
 SI For-Log Flow (gpm) _____

6) EQUIPMENT STATUS

O-Operating, A-Available, N-Not Operating

Primary

RCP A _____ B _____ C _____
 CEG Rmp A _____ B _____ C _____
 SI Rmp A _____ B _____ C _____
 CS Rmp A _____ B _____
 RBR Pump A _____ B _____

BVH 1 _____ 2 _____ 3 _____ 4 _____

Secondary

Feed Pump A _____ B _____
 Cond Rmp A _____ B _____
 AFW Motor A _____ B _____
 AFW Steam _____
 MSIV A _____ B _____ C _____

Electrical

Emer D/G A _____ B _____
 D/S D/G A _____
 Off Site _____
 Emerg Bus EI _____ EI _____

Inoperable

7) RADIATION MONITORING SYSTEM

Btc Lab R-3 (mr/hr) _____
 Control Room R-1 (mr/hr) _____
 Sample Room R-6 (mr/hr) _____
 Cont. Area R-2 (mr/hr) _____
 High Range R-32 (r/hr) _____
 Failed Fuel R-9 (mr/hr) _____
 CV Vent Burt. R-11 (cpm) _____
 CV Vent Gaseous R-12 (cpm) _____
 Plant Gaseous R-14 (cpm) _____
 High Range R-34 (r/hr) _____
 Cond Air Ejector R-15 (cpm) _____
 Waste Disposal R-18 (cpm) _____
 SG Blowdown R-19 (cpm) _____
 Fuel Handling-Base R-20 (cpm) _____
 High Range R-30 (mr/hr) _____
 Upper R-21 (cpm) _____
 Spent Fuel Pits (mr/hr) R-3 _____
 Component C4 R-17 (cpm) _____

8) ADDITIONAL INFORMATION

(455789T1)

CEPIP-18
Rev. 1
Attachment 5
November 1982

Shearon Harris Nuclear Power Plant

System Parameter Data & Status (SPDS) Form

TO BE WRITTEN

CAROLINA POWER & LIGHT COMPANY
Exercise Critique Form

To: Chief Evaluator

Date: _____

1. Type of activity or facility observed (such as off-site dose assessment, notification, decontamination, public information, TSC, EOF, etc.):

2. Location: _____

3. Date: _____

4. Time: From _____ To _____

5. Procedure numbers that apply to activity and/or facility evaluated:

6. Names of personnel evaluated:

7. With respect to the particular function or activity you are evaluating, do you think that the Plan and Procedures are adequate (explain if necessary)?

8. Either here or in an attached report state your conclusions as to the favorable aspects of the function or facility observed. Include good points which you observed.

9. Either here or in an attached report, enumerate the deficiencies observed and give your recommendations for corrective action. If you have none, so state.

10. Overall Rating:

Excellent -
Satisfactory -
Unsatisfactory -

Evaluator

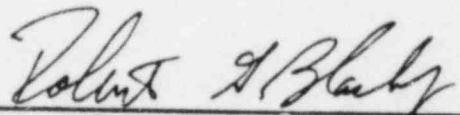
Name Printed
Evaluator's Own
Dept. & Section

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)

Number 19

TITLE: Emergency Plan Training Program

Recommended By:

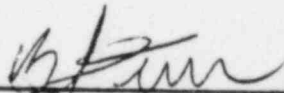


R. G. Black, Jr. Director
Emergency Preparedness

Date:

Oct 29, 1982

Concurrence By:



B. J. Furr - Vice President
Nuclear Operations

Date:

11-1-82

Approved By:



L. W. Eury - Senior Vice President
Power Supply

Date:

11/3/82

CAROLINA POWER & LIGHT COMPANY
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE (CEPIP)
NUMBER 19, EMERGENCY PLAN TRAINING PROGRAM

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Attachment:

- 1 Training Function/Responsibility Matrix (page 1)
Persons Responsible for Training (page 2)
- 2 List of Personnel to Be Trained and Training Record - Suggested Format
- 3 Personnel Training Report
- 4 Training Class Report
- 5 Approval Form - Lesson Plan/Study Guide/Test

CAROLINA POWER & LIGHT COMPANY (CP&L)
CORPORATE EMERGENCY PLAN IMPLEMENTATION PROCEDURE
NUMBER 19, EMERGENCY PLAN TRAINING PROGRAM

1.0 PURPOSE

The purpose of the CP&L Emergency Plan Training Program is to provide initial emergency response training and periodic retraining for CP&L Corporate and Plant personnel and non-Company personnel who may be called on to assist in an emergency in accordance with the provisions of 10CFR50 and Nuclear Regulatory Commission (NRC) NUREG-0654.

2.0 REFERENCES

- 2.1 Title 10, Chapter 1, Part 50.47 Code of Federal Regulations (10CFR50.47)
- 2.2 Title 10, Chapter 1, Part 50. Appendix E Code of Federal Regulations (10CFR50, Appendix E)
- 2.3 NUREG 0654/FEMA-REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
- 2.4 CP&L Corporate Emergency Plan and Implementing Procedures
- 2.5 Plant Emergency Plans and Emergency Procedures
- 2.6 Harris Energy and Environmental Center, Radiological and Chemical Support Section Emergency Instructions

3.0 OBJECTIVES

The following objectives will be included as appropriate in specific lesson plans:

- 3.1 Provide initial and periodic refresher training for CP&L corporate and plant emergency response personnel and other employees to ensure that they are familiar with their emergency duties and with appropriate emergency plans and procedures.
- 3.2 Retraining will be performed annually. The training year will be the calendar year.
- 3.3 Provide for the conduct of periodic emergency preparedness exercises or drills to test the adequacy of implementing procedures and methods, test emergency equipment and communication networks, test the public notification system, ensure that Corporate and plant emergency response personnel are familiar with their duties, and to correct deficiencies identified by the exercises or drills.

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 3.4 Provide periodic training and education for the media, the public, and other off-site agencies and organizations as required.
- 3.5 Familiarize emergency response personnel with plant emergency facilities, equipment, and communications networks.
- 3.6 Develop the necessary understanding of Emergency Action Levels (EAL) and proficiency in recognizing and classifying emergency conditions.
- 3.7 Develop proficiency in taking appropriate corrective action(s) in response to and recovery from an emergency.
- 3.8 Develop capability for effectively alerting, notifying, and reporting to the federal, state, local, corporate, and plant personnel.
- 3.9 Develop capability for effective estimation and assessment of radiological releases and the radiological consequences of accidents or accidental releases.
- 3.10 Develop capability to properly implement procedure for on-site and off-site radiological monitoring to include collection and analysis of all sample media and provisions for communications and record keeping associated with these survey and monitoring activities.
- 3.11 Develop understanding of Radiological Emergency Protective Action Guides (PAGs) and protective actions for people and other resources both onsite and offsite.
- 3.12 Develop capability to produce public information releases and handle public inquiries.
- 3.13 Develop capability to properly implement procedures for first aid and handling contaminated accident victims.
- 3.14 Develop capability to properly implement emergency security measures to include control of access and egress, personnel accountability, etc.
- 3.15 Develop capability to implement emergency plan fire fighting procedures to include control of access and egress, equipment and personnel monitoring, decontamination, etc.
- 3.16 Develop skills in preparation of emergency reports, messages, logs, displays, and records.

4.0 TRAINING FUNCTIONS

The Emergency Plan Training Program provides for the performance of the following training functions as shown on Attachment 1:

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 4.1 Determine training needs.
- 4.2 Develop course content/lesson plans and study guides.
- 4.3 Schedule training.
- 4.4 Conduct training/retraining.
- 4.5 Test students and evaluate training.
- 4.6 Maintain documentation - document training activities.
- 4.7 Prepare, schedule, and conduct training drills.
- 4.8 Prepare, schedule, and conduct annual exercises.
- 4.9 Write scenario for drills and exercises.
- 4.10 Follow up. Prepare exercise critique and action item lists. Modify lesson plans, study guides, and quizzes as indicated as a result of student performance on training course tests, drills, and/or exercises.
- 4.11 Audit.
- 4.12 Develop and keep current (updated) lists of personnel who require emergency response training.

5.0 RESPONSIBILITY FOR EMERGENCY PREPAREDNESS TRAINING

5.1 General

Attachment 1 assigns and summarizes responsibilities for performing the training objectives and functions for each of the categories of emergency response personnel to be trained. The individual first shown in the column has lead responsibility. Responsibilities are assigned according to corporate, plant, or other position title as follows:

- 5.1.1 Director - Emergency Preparedness
- 5.1.2 Manager, Nuclear Training
- 5.1.3 Plant General Manager
- 5.1.4 Plant Emergency Planning Coordinator
- 5.1.5 Plant Training Supervisor
- 5.1.6 Plant Manager E&RC
- 5.1.7 Plant Fire Protection Specialist

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 5.1.8 Plant Security Specialist
 - 5.1.9 State and Local Emergency Preparedness Agencies
 - 5.1.10 Vice President - Corporate Communications
 - 5.1.11 Corporate QA
 - 5.1.12 Manager, Radiological and Chemical Support Section,
Technical Services Department.
- 5.2 Director Emergency Preparedness will:
- 5.2.1 Prepare and maintain student lists for which he is responsible as indicated in Attachment 1.
 - 5.2. Determine training needs, develop and maintain lesson plans, study guides, and tests for the conduct of assigned Emergency Plan Training as identified in Attachment 1.
 - 5.2.3 Schedule and conduct initial training and retraining for Corporate Emergency Support Personnel, EOF staff personnel, and off-site support personnel - government officials (state), and document such training as described in Section 10.0.
 - 5.2.4 Coordinate the scheduling and conduct of annual exercises including preparation of exercise plans in coordination with the Vice President - Nuclear Operations, Plant General Managers; Manager, Nuclear Training; state and local Officials; and others as appropriate.
 - 5.2.5 Coordinate the preparation of scenarios for the annual exercises.
 - 5.2.6 Maintain an Emergency Plan Training Program file consisting of:
 - 5.2.6.1 Corporate Plan and Procedures on Training and Exercises
 - 5.2.6.2 Plant Plans and Procedures on Training and Exercises
 - 5.2.6.3 Lists of personnel to be trained in assigned areas of emergency response training as identified in Attachment 1, Column L (See also Attachment 2)

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 5.2.6.4 Lesson plans, study guides, tests, personnel training reports, and training class reports as may be required for each category of personnel to be trained by the Director - Emergency Preparedness
- 5.2.7 Annually review the Corporate and Plant Emergency Plan training programs
- 5.3 Manager, Nuclear Training, Technical Services Department and/or the Plant Training Supervisor will:
 - 5.3.1 Prepare and maintain student lists for which he is responsible as indicated in Attachment 1.
 - 5.3.2 Determine training needs, develop and maintain lesson plans, study guides, and tests as indicated in Attachment 1.
 - 5.3.3 Provide for scheduling, conducting, and evaluating General Employee Training (GET), Reactor Operator Training, etc., and for preparing, scheduling, and conducting training drills as indicated in Attachment 1.
 - 5.3.4 Assist in the preparation of scenarios for annual exercises by providing appropriate personnel with expertise in such fields as reactor operation and health physics to the Director - Emergency Preparedness.
 - 5.3.5 Provide, when available from the training staff, evaluators and/or controllers for exercises and the critiques.
 - 5.3.6 Incorporate relevant Emergency Plan information and subject matter in other ongoing training programs such as GET, crafts, HP, and reactor operator.
 - 5.3.7 Maintain an Emergency Plan Training Program file consisting of:
 - 5.3.7.1 Corporate Plan and Procedures on training and exercises
 - 5.3.7.2 Plant Plans and Procedures on Training and Exercises
 - 5.3.7.3 Lists of plant personnel to be trained in each functional area of emergency response as identified in Attachment 1, Column L

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 5.3.7.4 Lesson plans, study guides, and tests for each category of personnel to be trained
- 5.3.7.5 Documentation records such as student rosters, records of initial training and retraining, test results, and other necessary documentation as may be required by plant training and QA procedures for personnel in those categories indicated in Column F of Attachment 1
- 5.3.8 Provide guidance and recommendations on methods of developing and implementing emergency plan training programs.
- 5.4 Plant General Managers will:
 - 5.4.1 Ensure that plant emergency plan training and retraining is performed in a complete and timely manner.
 - 5.4.2 Provide for correction of deficiencies noted as a result of tests, drills, exercises, and actual response during emergency situations.
 - 5.4.3 Assist in the preparation of scenarios for annual exercises by providing appropriate personnel with expertise in such fields as reactor operations and health physics to the Director - Emergency Preparedness.
- 5.5 Plant Emergency Planning Coordinator will:
 - 5.5.1 Prepare and maintain student lists for which he is responsible as indicated in Column L, Attachment 1.
 - 5.5.2 Determine training needs, develop, and maintain lesson plans, study guides, and tests, and schedule, conduct and evaluate assigned emergency plan training as indicated in Attachment 1.
 - 5.5.3 Plan, schedule, and conduct, in coordination with the Director - Emergency Preparedness, the annual plant-wide exercises and provide for the correction of discrepancies in performance, procedures, facilities, or equipment.
 - 5.5.4 Prepare, schedule, and conduct training drills as indicated in Column G, Attachment 1.
 - 5.5.5 Review and approve, in coordination with the Director - Emergency Preparedness all plant emergency plan lesson plans, study guides, tests, and changes thereto.

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 5.5.6 Perform follow up on action items resulting from exercises and other training functions, as described in Chapter 6 of Plant Emergency Plans.
 - 5.5.7 Provide for documentation of the training for which he is responsible in accordance with Plant Training and QA Procedures.
- 5.6 Manager E&RC at the Plant will:
- 5.6.1 Prepare and maintain student lists for which he is responsible as indicated in Column L, Attachment 1.
 - 5.6.2 Provide for the periodic emergency plan training and exercising of his personnel to include dose projection personnel, environmental monitoring personnel, plant monitoring personnel, and personnel protection and decontamination team members (see Attachment 1). Determine training needs; develop and maintain lesson plans, study guides, and tests, and schedule, conduct and evaluate assigned emergency plan training. He will coordinate with the Manager, Radiological and Chemical Support Section, Technical Services Department to assure that mutual interests and needs are met.
 - 5.6.3 Assist in the training of off-site support personnel to include State and Local environmental monitoring teams on appropriate aspects of plant emergency procedures.
 - 5.6.4 Assist in the training of Corporate emergency support personnel in such areas as dose projection and environmental monitoring.
 - 5.6.5 Prepare, schedule, and conduct training drills in his area of responsibility as indicated in Column G, Attachment 1.
 - 5.6.6 Provide for documentation of the training for which he is responsible in accordance with plant training and QA procedures.
- 5.7 Plant Fire Protection Specialist will:
- 5.7.1 Determine training needs, prepare lesson plans, and schedule, conduct, and evaluate training of plant fire protection personnel and off-site fire support personnel as indicated in Attachment 1.
 - 5.7.2 Maintain and update lists of fire brigade personnel to be trained and lists of local fire service units to be trained on appropriate aspects of the plant emergency procedures.

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 5.7.3 Provide for documentation of the training for which he is responsible in accordance with plant training and QA procedures.
 - 5.7.4 Prepare, schedule, and conduct training drills as indicated in Column G, Attachment 1.
 - 5.7.5 Participate in annual emergency preparedness exercises as appropriate.
- 5.6 Plant Security Specialist will:
- 5.8.1 Determine training needs, prepare lesson plans, and schedule, conduct, and evaluate training as indicated in Attachment 1 for plant security personnel and off-site law enforcement personnel on appropriate aspects of the plant emergency procedures.
 - 5.8.2 Maintain and update lists of plant security personnel to be trained and lists of local law enforcement agencies to be trained on appropriate aspects of the plant emergency procedures.
 - 5.8.3 Provide for documentation of the training for which he is responsible in accordance with plant training and QA procedures.
 - 5.8.4 Prepare, schedule, and conduct training drills as indicated in Column G, Attachment 1.
 - 5.8.5 Participate in annual emergency preparedness exercises, as appropriate.
- 5.9 State and Local Emergency Preparedness Agencies will:
- 5.9.1 Assist in scheduling exercises and writing exercise scenarios.
 - 5.9.2 Conduct public education programs with appropriate CP&L support as indicated in Attachment 1.
- 5.10 Vice President - Corporate Communications will:
- 5.10.1 Provide for the necessary training of the media and the public as required by NRC NUREG 0654 and Plant Emergency Response Procedures (PEP-4.5).
 - 5.10.2 Prepare and update lists of CP&L Media Personnel who require training related to Corporate and Plant Emergency Plans (See Attachment 1, Column L).

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 5.10.3 Determine training needs; develop and maintain lesson plans, study guides, and tests; schedule and conduct emergency response training of CP&L media personnel; and provide for documentation of such training as described in Section 10.0.
- 5.10.4 Review and approve in coordination with the Director - Emergency Preparedness, Technical Services Department, lesson plans, study guides, quizzes, etc., prepared for emergency response training of offsite media personnel, the public, and CP&L media personnel.
- 5.11 Corporate QA will:
 - 5.11.1 Perform annual independent audits of training and exercises. (See NUREG 0654, Section P.9 and Plant Emergency Plans).
- 5.12 Manager, Radiological & Chemical Support Section will:
 - 5.12.1 Prepare and maintain lists of students in his section who require emergency response training in areas such as EOF staff personnel, dose projection, and environmental monitoring. (See Attachment 2.)
 - 5.12.2 Determine training needs, develop and maintain lesson plans, study guides, and tests; and schedule, conduct, and evaluate emergency plan training of his personnel in coordination with the E&RC manager as indicated in Attachment 1.
 - 5.12.3 Participate in annual exercises at the plants as required, and provide health physics personnel to assist in writing scenarios for the annual exercises as requested by the Manager, Nuclear Training.
 - 5.12.4 Prepare, schedule, and conduct training drills for his personnel as indicated in Column G of Attachment 1 in cooperation with the E&RC manager.
 - 5.12.5 Assist in the training of state environmental monitoring teams by inviting them to emergency environmental monitoring and dose projection courses conducted by the Section.
 - 5.12.6 Maintain files of related lesson plans, lists of students to be trained, test results, student rosters, records of initial training and retraining,

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

and other documentation as required. Provide a copy to the Director - Emergency Preparedness, Technical Services Department as required by Section 10.

6.0 PERSONNEL OR GROUPS OF PERSONNEL TO BE TRAINED

The training matrix shown in Attachment 1 contains a list of the categories of personnel to be trained under the column heading, "Personnel To Be Trained." The various categories of personnel to be trained is given in subsequent paragraphs of this section.

6.1 Corporate Emergency Support Personnel

The Director - Emergency Preparedness will identify and maintain a list of personnel in this category.

6.2 General Employees

Personnel in this category include those plant personnel that normally do not have a function assigned by the Corporate or Plant Emergency Plan.

6.3 Reactor Operators, Shift Supervisors, and Shift Technical Advisors

6.4 Site Emergency Coordinator

Personnel who can fill this position are identified in the Plant Emergency Procedure PEP-1.0.

6.5 Technical Support Center Staff Personnel

This category which supports the Site Emergency Coordinator includes the positions listed below and can be filled by personnel identified in the Plant Emergency Procedures PEP-1.0:

6.5.1 Plant Operations Director, and Team Leaders.

6.5.2 Emergency Repair Director, OSC and Team Leaders.

6.5.3 Logistics Support Director, and Team Leaders.

6.5.4 Radiological Control Director, and Team Leaders.

6.5.5 Emergency Communicators, Plotters, and Logkeepers. These individuals receive basic training in a course for Emergency Communicators, Plotters, and Logkeepers, but participate with the TSC staff in training drills and training exercises.

6.5.6 Representative to the State SERT/FEOC.

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 6.6 Fire Brigade Personnel
- 6.7 Security Personnel
- 6.8 Dose Projection Personnel
- 6.9 Environmental Monitoring Personnel
- 6.10 Personnel Protection and Decontamination Personnel
- 6.11 Plant Monitoring Personnel
- 6.12 Emergency Communicators, Plotters, and Log Keepers
- 6.13 Emergency Operations Facility (EOF) Personnel

Personnel in this category include the Emergency Response Manager and his staff as identified in Section 4 of the Corporate Emergency Plan and in lists prepared by the Director, Emergency Preparedness. Emergency Communicators, Plotters, and Loggers assigned to the EOF will be found in a separate list for that category prepared by the Plant Emergency Planning Coordinator.

6.14 Augmentation Personnel

Personnel in this category include contractors, vendors, etc., who arrive at the plant in response to a request for assistance.

6.15 Off-Site Support Personnel

Personnel in this category include:

- 6.15.1 Federal, state, and local government officials including Civil Emergency Management Service officials
- 6.15.1 Law enforcement and police personnel
- 6.15.3 Fire personnel
- 6.15.4 First aid and rescue teams
- 6.15.5 Hospital and medical personnel
- 6.15.6 Media, press, television personnel, etc.
- 6.15.7 Emergency Management (EM) radiological monitoring and decontamination teams

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

6.16 Public

The public is subdivided into three general categories: the resident (permanent) population; the transient population; and the special facility population.

6.17 CP&L Media Personnel

Personnel in this category include the Headquarters Public Information Coordinator, the Corporate Spokesman, the Site Public Information Coordinator, and their supporting staffs as identified on lists prepared by the Vice President - Corporate Communications.

6.18 Non-Badged Site Personnel

Personnel in this category include construction workers, etc., who perform work within the exclusion area boundary and require knowledge of various alarms and emergency procedures.

7.0 LESSON PLANS AND STUDY GUIDES

7.1 General

Chapter 6 of the Plant Emergency Plan describes the general types of training required by the various categories of emergency personnel identified in Section 6.0 of CEPIP-19 and Attachment 1. Training needs for each category of personnel to be trained will be determined by the individuals shown in Column A of Attachment 1 to CEPIP-19. The necessary training will be outlined in lesson plans that will be developed, written, and maintained current by the individuals shown in Column B of Attachment 1. When appropriate, lesson plans will provide that individuals are walked through or talked through their emergency duties to include hands-on use of equipment and familiarization with the work area. When student deficiencies are observed by the instructor, on-the-spot correction of erroneous performance and additional training will be performed as necessary.

7.2 Approval Procedures

All Plant Emergency Plan lesson plans, study guides, tests and changes thereto will be approved jointly by the Plant Emergency Planning Coordinator and the individual responsible for their development. All Corporate level emergency plan lesson plans, study guides, tests, and changes thereto will be approved jointly by the Director - Emergency Preparedness and the individual responsible for their development. Copies of these documents and changes thereto will be provided to the Director - Emergency Preparedness and the Plant Training Supervisor. (See Attachment 5)

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

7.3 Format of Lesson Plans

Lesson plans will be prepared at each plant in accordance with guidance published by the Manager, Nuclear Training, Technical Services Department, and will include the following topics:

- 7.2.1 Heading
- 7.2.2 Lesson Title
- 7.2.3 Presentation Time
- 7.2.4 Intended Audience
- 7.2.5 Responsibility for Instruction
- 7.2.6 Objectives of Lesson
- 7.2.7 Methods of Instruction
- 7.2.8 Materials
- 7.2.9 Introduction
- 7.2.10 Presentation
- 7.2.11 Evaluation and Documentation

7.4 Study Guides

When a student cannot participate in a classroom or lecture presentation of the lesson prescribed for him, the necessary initial training or retraining can be accomplished by the student by completing: reading assignments outlined in the study guide and a test.

Study guides will be prepared as required in a subject area by the same person responsible for preparing the lesson plan in that area. The study guides will identify particular parts of the emergency plans and implementing procedures that a student should read to meet the training objectives and cover the course material and content described in the lesson plan for the individual concerned. The format for Emergency Plan Training Program Study Guides is as follows:

1. Title
2. General Instructions to Student
3. Reading Assignment Description

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

4. Provision for Participation in Training Drill
5. Test Instructions
6. Attachments such as Personnel Training Report, and Special Reference Materials

8.0 CONDUCTING TRAINING

8.1 Scheduling

Initial training will be given to all personnel identified in Section 6.0 of this procedure. Retraining will be performed annually as described in the lesson plans. The Plant Training Supervisor will coordinate the annual emergency training with the Plant Emergency Planning Coordinator.

8.2 Training Methods

Training to accomplish the objectives of the Emergency Plan Training Program will be presented by a variety of methods including:

- 8.2.1 Lectures
- 8.2.2 Reading Assignments/Study Guides
- 8.2.3 Training Exercises and Drills
- 8.2.4 Role Playing/Tabletop Exercises
- 8.2.5 Media - Public Education
- 8.2.6 Other as Appropriate

8.3 Instructors

Each lesson plan will identify the intended audience and personnel qualified and designated to instruct the course. Only the individual designated in the lesson plan or another qualified person under that individual's supervision, and from that individual's field of expertise, may conduct the course. To qualify as an instructor, the individual must have training and experience in the subject matter that will be taught.

8.4 Evaluation of Training

- 8.4.1 A test for each category of "Personnel to Be Trained" will be prepared by the individual shown in Column E of Attachment 1.

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

- 8.4.2 At the conclusion of each training course the instructor will grade each student by written examination, or as a result of observation of student performance in a training drill.
- 8.4.3 A grade of 80% or better on written examinations will be considered an acceptable or satisfactory grade. Personnel who achieve less than a satisfactory grade shall be retrained to achieve an acceptable grade.
- 8.4.4 The instructors of Corporate level courses (Corporate Emergency Support Personnel, EOF Personnel, CP&L Media Personnel) will note on each "Personnel Training Report" in the "GRADE" space the actual test score. (See Attachment 3.)
- 8.4.5 Instructors of Plant Emergency Plan training courses will arrange for the documentation of student test results in accordance with Plant training policy and procedures.

9.0 EXERCISES AND DRILLS

The purpose of emergency preparedness exercises or drills is to periodically evaluate major portions of emergency response capabilities and other elements of Plant Radiological Emergency Response Plans, Corporate Emergency Plans, and State and Local emergency plans in accordance with the provisions of Nuclear Regulatory Commission Regulation 10CFR50.47(b)14. CP&L procedures for the conduct of exercises are contained in the Corporate Emergency Plan (CEP) Implementation Procedure Number 18 and in Plant Emergency Procedure PEP-4.3.

10.0 DOCUMENTATION

Emergency Plan Training Program documentation consists of the following:

10.1 Lesson Plans, Study Guides, and Tests

Lesson plans, study guides and tests will be prepared and maintained in up-to-date condition by individuals shown in Column B of Attachment 1. The individual first shown in the column has lead responsibility. A master file of lesson plans, study guides, and tests will be maintained by the Plant Training Supervisor and the Director - Emergency Preparedness.

10.2 Personnel Assignment Lists

Lists of personnel having emergency assignments will be prepared and updated as necessary by individual shown in Column L of Attachment 1 for each category in column.

CP&L EMERGENCY PLAN TRAINING PROGRAM (cont'd)

"Personnel To Be Trained." The lists will be submitted to individual in Column F for use in maintaining a master training record, for general scheduling, for tracking the progress of training activities, and for maintenance of documentation on initial training and retraining. (See Attachment 2 for suggested format of the lists for use in documenting the training of Corporate Emergency Support Personnel, EOF Personnel, and CP&L Media Personnel). The plants will prepare lists in accordance with Plant Training Procedures.

10.3 Individual Training Records

10.3.1 Documentation of completion of training of plant personnel shall be submitted to individual in Column F of Attachment 1 by the course instructor upon completion of the course in accordance with Plant Training Procedures.

10.3.2 Documentation of completion of training of Corporate level personnel (Corporate Emergency Support Personnel, EOF Personnel, CP&L Media Personnel) will be maintained by the Director, Emergency Preparedness and will consist of lists of personnel to be trained, and Personnel Training Reports, test results submitted to him by the course instructors. Training Class Reports (See Attachment 4) will be maintained to document the training of Government Officials, etc. where Personnel Training Reports are not appropriate or required.

19-17

| CP&L EMERGENCY PLAN TRAINING PROGRAM PERSONNEL TO BE TRAINED | | TRAINING FUNCTION/RESPONSIBILITY* | | | | | | | | | | | |
|---|---------------------------------------|-----------------------------------|----------------------|-------------------|------------------|-----------------|-------------------|----------------------------|------------------------------|---------------------|-----------|-------|----------------------|
| | | A | B | C | D | E | F | G | H | I | J | K | L |
| | | Determine Training Needs | Develop Lesson Plans | Schedule Training | Conduct Training | Evaluate & Test | Document Training | Drills- Prep. Sch. Conduct | Exercises Prep. Sch. Conduct | Write Ex. Scenarios | Follow Up | Audit | Prepare Student List |
| 1. | Corporate Emergency Support Personnel | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1/2 | 1 | 11 | 1 |
| 2. | General Employees | 2/5 | 2/5 | 5 | 5 | 5 | 5 | NA | NA | NA | 5/4/3 | 11 | 5 |
| 3. | Reactor Operators, Shift Sup. & STA's | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4/1 | 1/2/3 | 5/4/3 | 11 | 5 |
| 4. | Site Emergency Coordinator | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4/1 | 1/2/3 | 4/1 | 11 | 4 |
| 5. | TSC Staff Personnel | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4/1 | 1/2/3 | 4/1 | 11 | 4 |
| 6. | Fire Brigade Personnel | 7/4 | 7/4 | 7 | 7 | 7 | 5 | 7/4 | 4/7 | 1/2/3 | 4/7 | 11 | 7 |
| 7. | Security Personnel | 8/4 | 8/4 | 8 | 8 | 8 | 5 | 8 | 4/8 | 1/2/3 | 4/8 | 11 | 8 |
| 8. | Dose Projection Personnel | 6/4/12 | 6/4/12 | 6/12 | 6/12 | 6/12 | 5/1 | 6/4/12 | 4/1 | 1/2/3 | 4/1 | 11 | 6/12 |
| 9. | Environmental Monitoring Personnel | 6/4/12 | 6/4/12 | 6/12 | 6/12 | 6/12 | 5/1 | 6/4/12 | 4/1 | 1/2/3 | 4/1 | 11 | 6/12 |
| 10. | Personnel Protection and Decon. Pers. | 6/4 | 6/4 | 6 | 6 | 6 | 5 | 6/4 | 4/1 | 1/2/3 | 4/1 | 11 | 6 |
| 11. | Plant Monitoring Personnel | 6/4 | 6/4 | 6 | 6 | 6 | 5 | 6/4 | 4/1 | 1/2/3 | 4/1 | 11 | 6 |
| 12. | Emergency Communicators | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4/1 | 1/2/3 | 4/1 | 11 | 4 |
| 13. | EOF Personnel | 1 | 1 | 1/4 | 1 | 1 | 1 | 1/4 | 1/2/4 | 1/2/3 | 1/2 | 11 | 1/3 |
| 14. | Augmentation Personnel** | 2/5 | 2/5 | 5 | 5 | 5 | 5 | NA | NA | NA | 5/4/3 | 11 | NA |
| 15. | Off-Site Support Personnel | | | | | | | | | | 1/3/9 | | |
| | a. Officials | 4/1 | 4/1 | 4/1 | 4/1 | 4/1 | 1/5 | NA | 4/1/9 | 1/3/9 | 4/1 | 11 | NA |
| | b. Law Enforcement | 8/4 | 8/4 | 8 | 8 | 8 | 5 | 8/4 | 4/1/9 | 1/3/9 | 4/1 | 11 | NA |
| | c. Fire | 7/4 | 7/4 | 7 | 7 | 7 | 5 | 7/4 | 4/1/9 | 1/3/9 | 4/1 | 11 | NA |
| | d. First Aid & Rescue | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4/1/9 | 1/3/9 | 4/1 | 11 | NA |
| | e. Hospital & Medical | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4/1/9 | 1/3/9 | 10/4/1 | 11 | NA |
| | f. Media | 10 | 10 | 10 | 10 | 10 | 10 | NA | 4/1/9 | 1/3/9 | 4/1 | 11 | NA |
| | g. CP Rad. Monitoring & Decon. | 9/12/6 | 9/12/6 | 9/12/6 | 9/12/6 | 9/12/6 | 5/1 | NA | 4/1/9 | 1/3/9 | 4/1 | 11 | NA |
| 16. | Public | 10/4/9 | 10/4/9 | 10/9 | 10/9 | 10/9 | 10 | NA | 4/1/9 | N/A | 10/1 | 11 | NA |
| 17. | CP&L Media Personnel | 10/1 | 10/1 | 10/1 | 10/1 | 10/1 | 10/1 | 10 | 1/4/10 | 1/10 | 10/1 | 11 | 10 |
| 18. | Non-Badged Site Personnel | 5 | 5 | 5 | 5 | 5 | 5 | NA | NA | NA | NA | 1 | NA |

*See CEPIP19, Attachment 1 Page 2 **Unless escorted

NA = Not Applicable CEPIP 19 Attachment 1 Rev. 1 November 1982

CAROLINA POWER & LIGHT

EMERGENCY PLAN TRAINING PROGRAM

Persons Responsible for Training

1. Director Emergency Preparedness
2. Manager Nuclear Training
3. Plant General Manager
4. Plant Emergency Planning Coordinator
5. Plant Training Supervisor
6. Manager E&RC (Plant)
7. Plant Fire Protection Specialist
8. Plant Security Specialist
9. State and Local Emergency Preparedness Agency
10. Vice President - Corporate Communications
11. Corporate QA
12. Manager, Radiological & Chemical Support Section, Technical Services Department.

NOTE: In the columns under the heading "TRAINING FUNCTIONS/RESPONSIBILITY" in CEPIP #19 Attachment 1, Page 1, the numbers in the matrix refer to the above listing of persons responsible for training. For example, responsibility for performing the function in the matrix at coordinate 1A rests with the Director, Emergency Preparedness, Technical Services Department.

CAROLINA POWER & LIGHT COMPANY
EMERGENCY PLAN TRAINING PROGRAM

LIST OF PERSONNEL TO BE TRAINED
AND TRAINING FOR CALENDAR YEAR : _____

CATEGORY OF PERSONNEL: _____

| <u>Names</u> | GET Card Expiration <u>Date</u> | Date Initial <u>Trng. Compl.</u> | Date Retraining Completed <u>Training Course Exercise</u> |
|--------------|---------------------------------------|--|---|
|--------------|---------------------------------------|--|---|

CAROLINA POWER & LIGHT COMPANY
EMERGENCY RESPONSE PLAN TRAINING PROGRAM
TRAINING CLASS REPORT

1. LESSON TITLE: _____
2. INSTRUCTOR NAME(S): _____
3. CLASS NUMBER: _____ 4. CLASS LENGTH (HRS.) _____
5. DATE(S) _____
6. COURSE LOCATION: _____
7. METHOD OF INSTRUCTION: LECTURE _____; STUDY GUIDE _____; OTHER _____
8. DESCRIPTION OF TRAINING: _____

9. ROSTER: _____ (SEE REVERSE SIDE) _____

SUBMITTED BY _____
INSTRUCTOR SIGNATURE

DATE

TITLE

CP&L

Carolina Power & Light Company



Emergency Plan Training Program

Lesson Plan/Study Guide/Quiz
 Approval Form

NUMBER

REVISION

DATE

PAGE OF

TITLE

RESPONSIBILITY

SIGNATURE

DATE

TITLE

Recommended By:

Approved By:

Approved By: