

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2

REVISED PLANT EMERGENCY PROCEDURES

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App'l _____

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

PLANT EMERGENCY PROCEDURES INTRODUCTION

PLANT EMERGENCY PROCEDURE PEP-01.0

VOLUME XIII

Rev. 004

Recommended By: _____

LG Boyer

Date: _____

9/29/82

Approved By: _____

[Signature]
Plant General Manager

Date: _____

10/1/82

LIST OF EFFECTIVE PAGES

PEP-01.0

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EXHIBIT 1.2-2

EMERGENCY RESPONSE ORGANIZATION

1. Site Emergency Coordinator: Plant General Manager
 - Alternates: Manager - Plant Operations
Manager - Operations
Manager - Environmental and Radiation Control
Manager - Maintenance
Manager - Technical Support
 - Interim: Shift Operating Supervisor
 - Alternate Interim: Shift Foreman

2. Plant Operations Director: Manager - Operations
 - Alternates: Manager - Plant Operations
Shift Operating Supervisor
 - Interim: Site Emergency Coordinator
- 2.a. Plant Operators
 - Leader: Shift Operating Supervisor
 - Alternate: Shift Foreman or Senior Control Operator
 - Interim: Shift Foreman of Affected Unit
- 2.b. Accident Assessment Team
 - Leader: Manager - Technical Support
 - Alternate: Engineering Supervisor
 - Interim: Site Emergency Coordinator
- 2.c. Fire Brigade
 - Leader: Shift Foreman
 - Alternate: Plant Fire Chief
 - Interim: Fire Brigade Member

EXHIBIT 1.2-2

EMERGENCY RESPONSE ORGANIZATION (cont.)

3. Emergency Repair Director: Manager - Maintenance
- Alternates: Mechanical Maintenance Supervisor
 Electrical Maintenance Supervisor
- Interim: Site Emergency Coordinator

- 3.a. Damage Control Team:
- Leader Mechanical Maintenance Supervisor
 Electrical Maintenance Supervisor

The leaders and members of this team will be selected by the Site Emergency Coordinator and/or Emergency Repair Director according to the nature of the task.

- 3.b. Operational Support Center Leader: Senior Specialist - Electrical
 Senior Specialist -
 Mechanical

4. Logistics Support Director: Manager - Assistant to the plant
 General Manager
- Alternates: Materials Control Supervisor
- Interim: Site Emergency Coordinator

- 4.a. Site Communications Systems Coordinator: Technical Aide I
 (Engineering)

This individual will be designated by the Site Emergency Coordinator when the emergency communications system is activated.

- 4.b. Support Services Coordinator: Materials Control Supervisor
- Alternates: Stores Foreman

This individual will be designated by the Site Emergency Coordinator to interface with the Administration & Logistics Manager in the Emergency Operations Facility (EOF) when activated. Prior to EOF activation, this individual will interface with the Corporate Operations Coordinator in the Corporate Emergency Operations Facility if corporate support services are required.

EXHIBIT 1.2-2

EMERGENCY RESPONSE ORGANIZATION (cont.)

4.c. Emergency Security Team:

Leader: Security Specialist
Alternates: Chief of Security
Interim: Senior Security Person on duty

4.d. Evacuation Assembly Area Leader

Leader: Cost Control Specialist
Alternate: Environmental & Chemistry Technician

5. Radiological Control Director: Manager - Environmental and
Radiation Control (E&RC)

Alternates: Supervisor - Radiation Control I
Supervisor - Radiation Control II
Principal Specialist - Radiological
Supervisor - Environmental &
Chemistry

Interim: Site Emergency Coordinator

5.a. Environmental Monitoring Team:

Leader: Supervisor - Environmental and
Chemistry
Alternate: Foreman - Environmental and Chemistry
Interim: Radiological Control Director

5.b. Plant Monitoring Team:

Leader: Supervisor - Radiation Control II
Alternates: Foreman - Radiation Control
Foreman - Environmental & Chemistry
Interim: Radiological Control Director

EXHIBIT 1:2-2

EMERGENCY RESPONSE ORGANIZATION (cont.)

5.c. Personnel Protection and Decontamination Team:

Leader: Supervisor - Radiation Control I
Alternates: Foreman - Radiation Control
Specialist - Radiation Control
Interim: Radiological Control Director

5.d. Dose Projection
Coordinator:

Principal Specialist - Radiological

Alternate: Project Specialist - ALARA
Specialist - Radiation Control

Interim: Radiological Control Director

6. Emergency Communicator:

Director - Regulatory Compliance

Alternate: Regulatory Compliance Specialist

Interim: Available Plant Operator

7. Representative to State
Emergency Response Team
Headquarters:

Assistant to the Plant General Manager

Alternate: Emergency Preparedness Specialist

8. Site Public Information
Coordinator:

Manager - News Services

Alternates: Vice President - Corporate
Communications
Director - Media Relations

Interim: Plant General Manager or his designee

9. Emergency Response Manager:

Vice President - Nuclear Operations

Alternate: Manager - Corporate Quality Assurance

10. Administrative & Logistics
Manager:

Manager - Construction Procurement
Services

Alternate: Assistant to the Group Executive -
Power Supply

EXHIBIT 1.2-2

EMERGENCY RESPONSE ORGANIZATION (cont.)

11. Technical Analysis Manager: Director - Nuclear Engineering Safety Review
Alternate: Principal Specialist - Special Projects
Nuclear Operations Administration
12. Radiological Control Manager: Manager - Radiological & Chemical Support, HE&EC
Alternate: Principal Specialist - Environmental, HE&EC
13. Corporate Emergency Operations Center Manager: Senior Vice President - Power Supply
Alternates: Executive Vice President - Power Supply and Engineering and Construction
14. Corporate Spokesman: Vice President - Nuclear Safety and Research or his designee
Alternate: Vice President - Technical Services

File No. _____
Unit No. _____
Q+RETcd _____
App'l _____

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

EMERGENCY CONTROL - UNUSUAL EVENT

PLANT EMERGENCY PROCEDURE PEP-02.2

VOLUME XIII

Rev 003

Recommended By: *HLB*
Assistant to Plant Manager

Date: 9/29/82

Approved By: *C. D. ...*
Plant General Manager

Date: 10/1/82

PEP-02.2

LIST OF EFFECTIVE PAGES

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EXHIBIT 2.2-1

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

1. Complete Part I for the Initial Warning Message.
2. Complete Part I and II for follow-up messages.
3. When the event is terminated return this form to the Assistant to the General Manager.

B. For Receiver:

1. Record the date, time, and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I.5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is the Brunswick Steam Electric Plant.
2. My name is: _____
3. This message (number ____):
____ (a) Reports a real emergency.
____ (b) Is an exercise message.
4. My telephone number/extension is _____.
5. Message Authentication: _____
(Verify code word or call back to the facility.)
6. The class of emergency is:
____ (a) Notification of Unusual Event
____ (b) Alert
____ (c) Site Emergency
____ (d) General Emergency

7. This classification of emergency was declared at ____ (a.m./p.m.) on _____ (date).

8. The initiating event causing the Emergency Classification is:

9. The emergency condition:
____ (a) Does not involve the release of radioactive materials from the plant.
____ (b) Involves the potential for a release, but no release is occurring.
____ (c) Involves a release of radioactive material.

10. We recommend the following protective action:
____ (a) No protective action is recommended at this time.
____ (b) People living in zones _____ remain indoors with the doors and windows closed.
____ (c) People in zones _____ evacuate their homes and businesses.
____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.
____ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.
____ (f) Other recommendations: _____

11. There will be:
____ (a) A follow-up message.
____ (b) No further communications.

12. I repeat, this message:
____ (a) Reports an actual emergency
____ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

- 6. Field measurement of dose rate or contamination (if available): _____

- 7. Emergency actions underway at the facility include: _____

- 8. On-site support needed from off-site organizations: _____

- 9. Plant status:
 - (a) Reactor is: not tripped/tripped
 - (b) Plant is at: _____% power/hot shutdown/cold shutdown/cooling down
 - (c) Prognosis is: stable/improving/degrading/unknown.
- 10. I repeat, this message:
 - _____ (a) Reports an actual emergency.
 - _____ (b) Is an exercise message.
- 11. Do you have any questions?

END OF FOLLOW-UP MESSAGE

NOTE: Record the name, title, date, time, and warning point notified. (Senders)
Record the name, title, date, time, and persons notified per alert procedure.
(Receivers)

1.	_____	(title)
	(name)	
	_____	(warning point)
	(date) (time)	
2.	_____	(title)
	(name)	
	_____	(warning point)
	(date) (time)	
3.	_____	(title)
	(name)	
	_____	(warning point)
	(date) (time)	

4.

(name) (title)

(date) (time) (warning point)

5.

(name) (title)

(date) (time) (warning point)

6.

(name) (title)

(date) (time) (warning point)

7.

(name) (title)

(date) (time) (warning point)

END OF FOLLOW-UP MESSAGE

-NOTE-

WHEN THE EVENT IS TERMINATED RETURN THIS FORM TO THE
ASSISTANT TO THE GENERAL MANAGER

EXHIBIT 2.2-2

IMMEDIATE NOTIFICATION CHECKLIST FOR AN UNUSUAL EVENT

Instructions:

- 1) The sequence of notification priority is shown on the chart below.
- 2) State and County Warning Points should be notified by Automatic Ringdown phone (ARD). Be sure all three (3) parties are on the line before beginning message. If not operable, use telephone numbers provided.
- 3) Notification of indicated organization/individual should be made within sixty (60) minutes from the declaration of an Unusual Event.
- 4) Appendix A contains supplemental phone numbers for off-site individuals/organizations not listed below.

CONTACT TIME	ORGANIZATION/INDIVIDUAL TO BE CONTACTED	PERSON CONTACTED	TIME CONTACTED
60 min.	State Warning Point(1) (ARD or _____)		
60 min.	Brunswick County Warning Point (ARD or _____)		
60 min.	New Hanover County Warning Point (ARD or _____)		
60 min.	U.S. Coast Guard _____		
60 min.	Nuclear Regulatory Commission (Red Phone or Appendix A)		
60 min.	CP&L Corporate Headquarters _____ or Appendix A)		
	NRC Resident Inspector D. O. Meyers Home _____ Page _____		

EXHIBIT 2.2-3

EMERGENCY ORGANIZATION NOTIFICATION CHECKLIST (Unusual Event)

EMERGENCY ORGANIZATION POSITION	Interim Assign- ment (Name)	Key Personnel Called to		
		Standby (√)	Activate (√)	Person Contacted
Primary Site Emergency Coordinator		√		
Primary Emergency Communicator		√		
Plant Operations Director		√		
Emergency Repair Director		√		
Logistics Support Director		√		
Radiological Control Director		√		
Environmental Monitoring Team Leader				
Plant Monitoring Team Leader				
Personnel Protection and Decontamination Team Leader				
Dose Projection Team Leader				
Accident Assessment Leader				
Emergency Security Team Leader				
Damage Control Team Leader				
Operational Support Center Leader				
Representative at the State Emergency Response Team Headquarters				
Emergency Switchboard Operators				

OTHER PERSONNEL

Name	Emergency Assignment			

Approved for release: _____ / _____ / _____
 initials / time / date

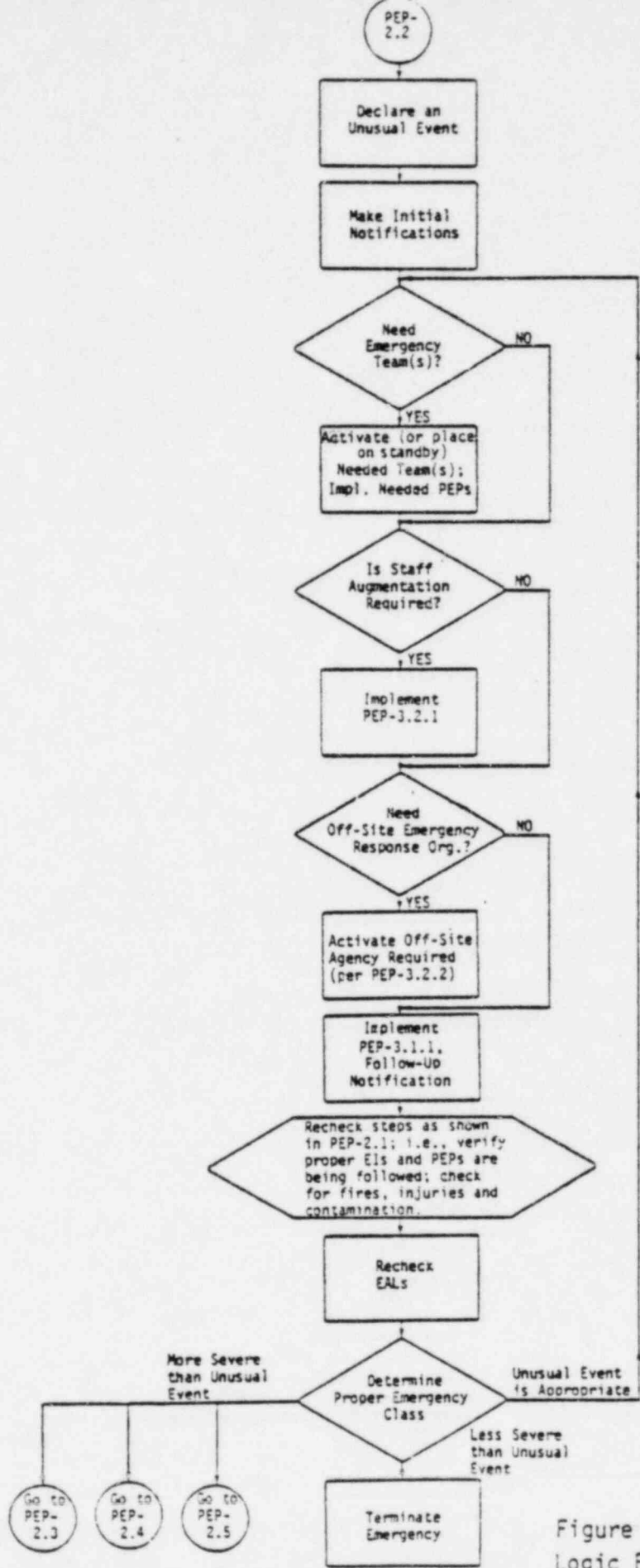


Figure 2.2-1
Logic Flow Diagram for PEP-2.2

File No. _____
Unit No. _____
Q+RETcd _____
App'l _____

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

EMERGENCY CONTROL - ALERT

PLANT EMERGENCY PROCEDURE PEP-02.3

VOLUME XIII

Rev 003

Recommended By:

L. E. Bayne
Assistant to the General Manager

Date:

9/29/82

Approved By:

[Signature]
General Manager

Date:

10/1/82

PEP-02.3

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EXHIBIT 2.3-1

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

1. Complete Part I for the Initial Warning Message.
2. Complete Part I and II for follow-up messages.
3. When the event is terminated return this form to the Assistant to the General Manager.

B. For Receiver:

1. Record the date, time, and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I.5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is the Brunswick Steam Electric Plant.
2. My name is: _____
3. This message (number ____):
____ (a) Reports a real emergency.
____ (b) Is an exercise message.
4. My telephone number/extension is _____.
5. Message Authentication: _____
(Verify code word or call back to the facility.)
6. The class of emergency is:
____ (a) Notification of Unusual Event
____ (b) Alert
____ (c) Site Emergency
____ (d) General Emergency

7. This classification of emergency was declared at ____ (a.m./p.m.) on _____ (date).
8. The initiating event causing the Emergency Classification is:

9. The emergency condition:
____ (a) Does not involve the release of radioactive materials from the plant.
____ (b) Involves the potential for a release, but no release is occurring.
____ (c) Involves a release of radioactive material.
10. We recommend the following protective action:
____ (a) No protective action is recommended at this time.
____ (b) People living in zones _____ remain indoors with the doors and windows closed.
____ (c) People in zones _____ evacuate their homes and businesses.
____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.
____ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.
____ (f) Other recommendations: _____

11. There will be:
____ (a) A follow-up message.
____ (b) No further communications.
12. I repeat, this message:
____ (a) Reports an actual emergency
____ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

PART II

1. The type of actual or projected release is (select one or more):

- ____ (a) Airborne
- ____ (b) Waterborne
- ____ (c) Surface spill
- ____ (d) Other

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

3. ____ (a) Release began/will begin at ____ a.m./p.m.; time since reactor trip is ____ hours.

____ (b) The estimated duration of the release is ____ hours.

4. Dose projection base data:

Radiological release: _____ curies, or _____ curies/sec.
 Windspeed: _____ mph
 Wind direction: From _____^o
 Stability class: _____ (A, B, C, D, E, F, or G)
 Release height: _____ Ft.
 Dose conversion factor: _____ R/hr/Ci/m³ (whole body)
 _____ R/hr/Ci/m³ (Child Thyroid)
 Precipitation: _____
 Temperature at the site: _____^oF

5. Dose projections:

Dose Commitment

Distance	Whole Body Rem/hour	(Child Thyroid) Rem/hour of inhalation
Site boundary		
2 miles		
5 miles		
10 miles		

Projected Integrated Dose In Rem

Distance	Whole Body	Child Thyroid
Site Boundary		
2 miles		
5 miles		
10 miles		

6. Field measurement of dose rate or contamination (if available): _____

7. Emergency actions underway at the facility include: _____

8. On-site support needed from off-site organizations: _____

9. Plant status:
 - (a) Reactor is: not tripped/tripped
 - (b) Plant is at: _____% power/hot shutdown/cold shutdown/cooling down
 - (c) Prognosis is: stable/improving/degrading/unknown.
10. I repeat, this message:
 - _____ (a) Reports an actual emergency.
 - _____ (b) Is an exercise message.
11. Do you have any questions?

END OF FOLLOW-UP MESSAGE

NOTE: Record the name, title, date, time, and warning point notified. (Senders)
Record the name, title, date, time, and persons notified per alert procedure.
(Receivers)

1. _____
(name) (title)

(date) (time) (warning point)
2. _____
(name) (title)

(date) (time) (warning point)
3. _____
(name) (title)

(date) (time) (warning point)

4.

(name) (title)

(date) (time) (warning point)

5.

(name) (title)

(date) (time) (warning point)

6.

(name) (title)

(date) (time) (warning point)

7.

(name) (title)

(date) (time) (warning point)

END OF FOLLOW-UP MESSAGE

-NOTE-

WHEN THE EVENT IS TERMINATED RETURN THIS FORM TO THE
ASSISTANT TO THE GENERAL MANAGER

EXHIBIT 2.3-2

IMMEDIATE NOTIFICATION CHECKLIST FOR AN ALERT

Instructions:

- 1) The sequence of notification priority is shown on the chart below.
- 2) State and County Warning Points should be notified by Automatic Ringdown Phone (ARD). Be sure all three (3) parties are on the line before beginning the message. If not operable, use telephone number provided.
- 3) Notification of the organization/individual should be made within the time indicated after the declaration of an Alert.
- 4) Appendix A contains phone numbers for off-site organizations/individuals not listed below.

CONTACT TIME	ORGANIZATION/INDIVIDUAL TO BE CONTACTED	PERSON CONTACTED	TIME CONTACTED
15 min.	State Warning Point (ARD or _____)		
15 min.	Brunswick County Warning Point (ARD or _____)		
15 min.	New Hanover County Warning Point (ARD or _____)		
60 min.	U.S. Coast Guard _____		
60 min.	U.S. Nuclear Regulatory Commission (Red Phone or Appendix A)		
60 min.	CP&L Corporate Headquarters _____ or Appendix A) INPO _____ NRC Resident Inspector D. O. Meyers Home _____ Page _____		

EMERGENCY ORGANIZATION NOTIFICATION CHECKLIST (Alert)

EMERGENCY ORGANIZATION POSITION	Interim Assign- ment (Name)	Key Personnel Called to		
		Standby (✓)	Activate (✓)	Person Contacted
Primary Site Emergency Coordinator			✓	
Primary Emergency Communicator			✓	
Plant Operations Director			✓	
Emergency Repair Director			✓	
Logistics Support Director			✓	
Radiological Control Director			✓	
Environmental Monitoring Team Leader			✓	
Plant Monitoring Team Leader			✓	
Personnel Protection and Decontamination Team Leader			✓	
Dose Projection Team Leader			✓	
Accident Assessment Leader			✓	
Emergency Security Team Leader			✓	
Damage Control Team Leader			✓	
Operational Support Center Leader			✓	
Representative to the State Emergency Response Team				
Emergency Switchboard Operators			✓	
OTHER PERSONNEL				
Name		Emergency Assignment		

Approved for release: _____/_____/_____
initials time date

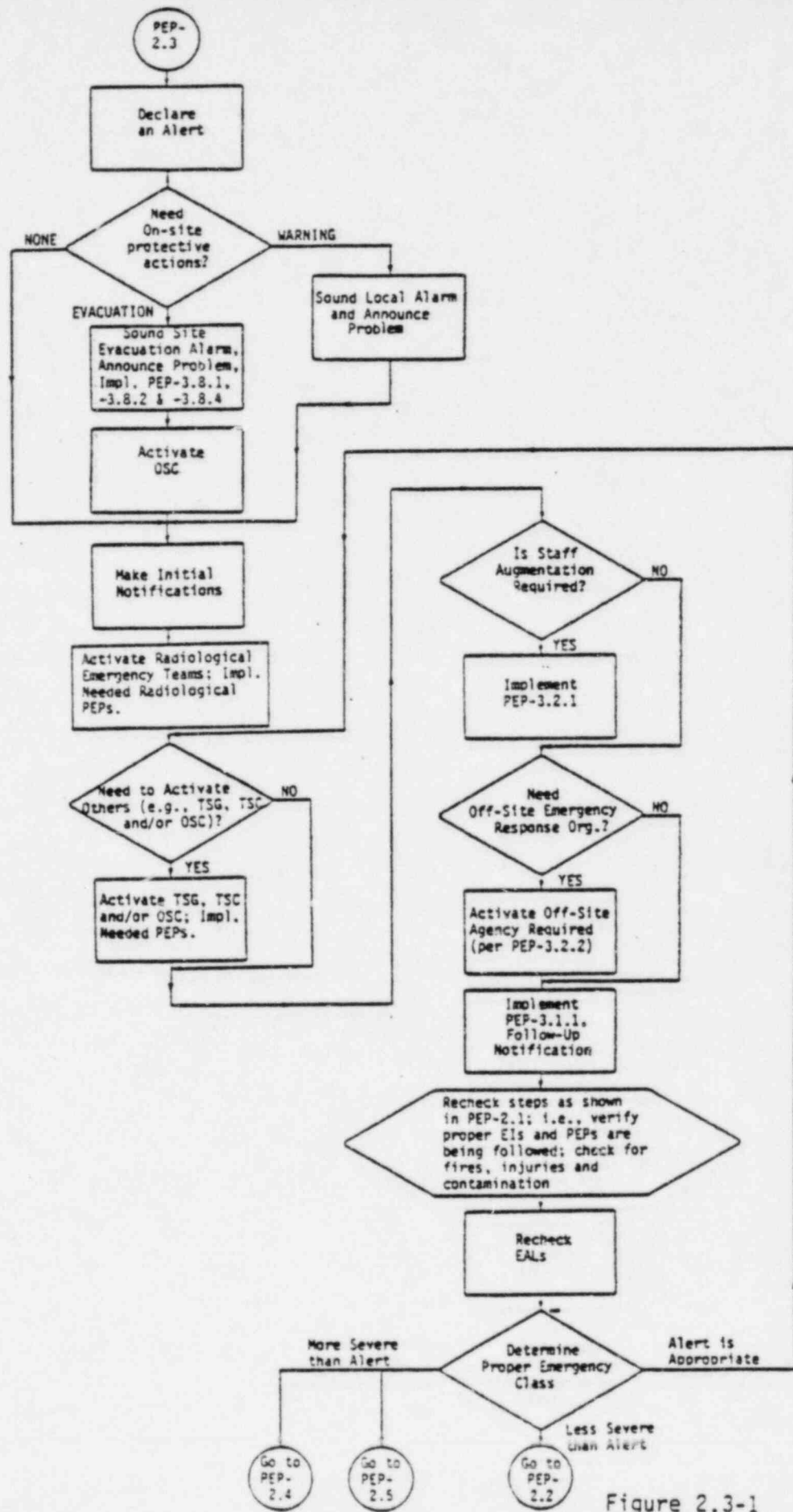


Figure 2.3-1
Logic Flow Diagram for PEP-2..

File No. _____
Unit No. _____
Q+RETcd _____
App'l _____

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

EMERGENCY CONTROL - SITE EMERGENCY

PLANT EMERGENCY PROCEDURE PEP-02.4

VOLUME XIII

Rev. 003

Recommended By: *L. G. Boyer*
Assistant to the General Manager

Date: 9/29/82

Approved By: *E. King*
General Manager

Date: 10/1/82

dj

LIST OF EFFECTIVE PAGES

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EXHIBIT 2.4-1

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

1. Complete Part I for the Initial Warning Message.
2. Complete Part I and II for follow-up messages.
3. When the event is terminated, return this form to the Assistant to the General Manager.

B. For Receiver:

1. Record the date, time, and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I.5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is Brunswick Steam Electric Plant.
2. My name is: _____
3. This message (number ____):
____ (a) Reports a real emergency.
____ (b) Is an exercise message.
4. My telephone number/extension is _____.
5. Message Authentication: _____
(Verify code word or call back to the facility.)
6. The class of emergency is:
____ (a) Notification of Unusual Event
____ (b) Alert
____ (c) Site Emergency
____ (d) General Emergency
7. This classification of emergency was declared at _____ (a.m./p.m.) on _____ (date).

8. The initiating event causing the Emergency Classification is:

9. The emergency condition:

___ (a) Does not involve the release of radioactive materials from the plant.

___ (b) Involves the potential for a release, but no release is occurring.

___ (c) Involves a release of radioactive material.

10. We recommend the following protective action:

___ (a) No protective action is recommended at this time.

___ (b) People living in zones _____ remain indoors with the doors and windows closed.

___ (c) People in zones _____ evacuate their homes and businesses.

___ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.

___ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.

___ (f) Other recommendations: _____

11. There will be:

___ (a) A follow-up message.

___ (b) No further communications.

12. I repeat, this message:

___ (a) Reports an actual emergency

___ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

PART II

1. The type of actual or projected release is (select one or more):

- _____ (a) Airborne
- _____ (b) Waterborne
- _____ (c) Surface spill
- _____ (d) Other

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

3. _____ (a) Release began/will begin at _____ a.m./p.m.; time since reactor trip is _____ hours.

_____ (b) The estimated duration of the release is _____ hours.

4. Dose projection base data:

Radiological release: _____ curies, or _____ curies/sec.
 Windspeed: _____ mph
 Wind direction: From _____^o
 Stability class: _____ (A, B, C, D, E, F, or G)
 Release height: _____ Ft.
 Dose conversion factor: _____ R/hr/Ci/m³ (whole body)
 _____ R/hr/Ci/m³ (Child Thyroid)
 Precipitation: _____
 Temperature at the site: _____^oF

5. Dose projections:

Dose Commitment

Distance	Whole Body Rem/hour	(Child Thyroid) Rem/hour of inhalation
Site boundary		
2 miles		
5 miles		
10 miles		

Projected Integrated Dose In Rem

Distance	Whole Body	Child Thyroid
Site Boundary		
2 miles		
5 miles		
10 miles		

6. Field measurement of dose rate or contamination (if available): _____

7. Emergency actions underway at the facility include: _____

8. On-site support needed from off-site organizations: _____

9. Plant status:
 (a) Reactor is: not tripped/tripped
 (b) Plant is at: _____% power/hot shutdown/cold shutdown/cooling down
 (c) Prognosis is: stable/improving/degrading/unknown.
10. I repeat, this message:
 _____ (a) Reports an actual emergency.
 _____ (b) Is an exercise message.
11. Do you have any questions?

END OF FOLLOW-UP MESSAGE

NOTE: Record the name, title, date, time, and warning point notified. (Senders)
 Record the name, title, date, time, and persons notified per alert procedure.
 (Receivers)

1. _____
 (name) (title)

 (date) (time) (warning point)
2. _____
 (name) (title)

 (date) (time) (warning point)
3. _____
 (name) (title)

 (date) (time) (warning point)

4. _____
 (name) _____ (title) _____

 (date) _____ (time) _____ (warning point) _____

5. _____
 (name) _____ (title) _____

 (date) _____ (time) _____ (warning point) _____

6. _____
 (name) _____ (title) _____

 (date) _____ (time) _____ (warning point) _____

7. _____
 (name) _____ (title) _____

 (date) _____ (time) _____ (warning point) _____

END OF FOLLOW-UP MESSAGE

-NOTE-

WHEN THE EVENT IS TERMINATED RETURN THIS FORM TO THE
 ASSISTANT TO THE GENERAL MANAGER

EXHIBIT 2.4-2

IMMEDIATE NOTIFICATION CHECKLIST FOR SITE EMERGENCY

Instructions:

1. The sequence of notification priority is shown on the chart below.
2. If S.E.R.T. headquarters is activated, DO NOT notify state, county, or Coast Guard warning points.
3. If S.E.R.T. is NOT activated, state and county warning points should be notified by Automatic Ringdown Phone (ARD). If not operable, use phone numbers provided.
4. Notification of the organization/individual should be made within the time indicated after the declaration of Site Emergency.

Contact Time	Organization/Individual To Be Contacted	Person Contacted	Time Contacted
15 minutes	S.E.R.T. Headquarters (if <u>activated</u>) (ARD or)		
15 minutes	State Warning Point (ARD or)		
15 minutes	Brunswick County Warning Point (ARD or)		
15 minutes	New Hanover County Warning Point (ARD or)		
60 minutes	U. S. Coast Guard		
60 minutes	Nuclear Regulatory Commission (Red Phone or Appendix A)		
60 minutes	CP&L Corporate Headquarters (or Appendix A)		
	INPO		
	NRC Resident Inspector D. O. Meyers Home		

EXHIBIT 2.4-3

EMERGENCY ORGANIZATION NOTIFICATION CHECKLIST (Site Emergency)

EMERGENCY ORGANIZATION POSITION	Interim Assign- ment (Name)	Key Personnel Called to		
		Standby (✓)	Activate (✓)	Person Contacted
Primary Site Emergency Coordinator			✓	
Primary Emergency Communicator			✓	
Plant Operations Director			✓	
Emergency Repair Director			✓	
Logistics Support Director			✓	
Radiological Control Director			✓	
Environmental Monitoring Team Leader			✓	
Plant Monitoring Team Leader			✓	
Personnel Protection and Decontamination Team Leader			✓	
Dose Projection Team Leader			✓	
Accident Assessment Leader			✓	
Emergency Security Team Leader			✓	
Damage Control Team Leader			✓	
Operational Support Center Leader			✓	
Representative at the State Emergency Response Team Headquarters			✓	
Emergency Switchboard Operators			✓	

OTHER PERSONNEL

Name	Emergency Assignment

Approved for release: _____/_____/_____

initials time date
Rev. 3

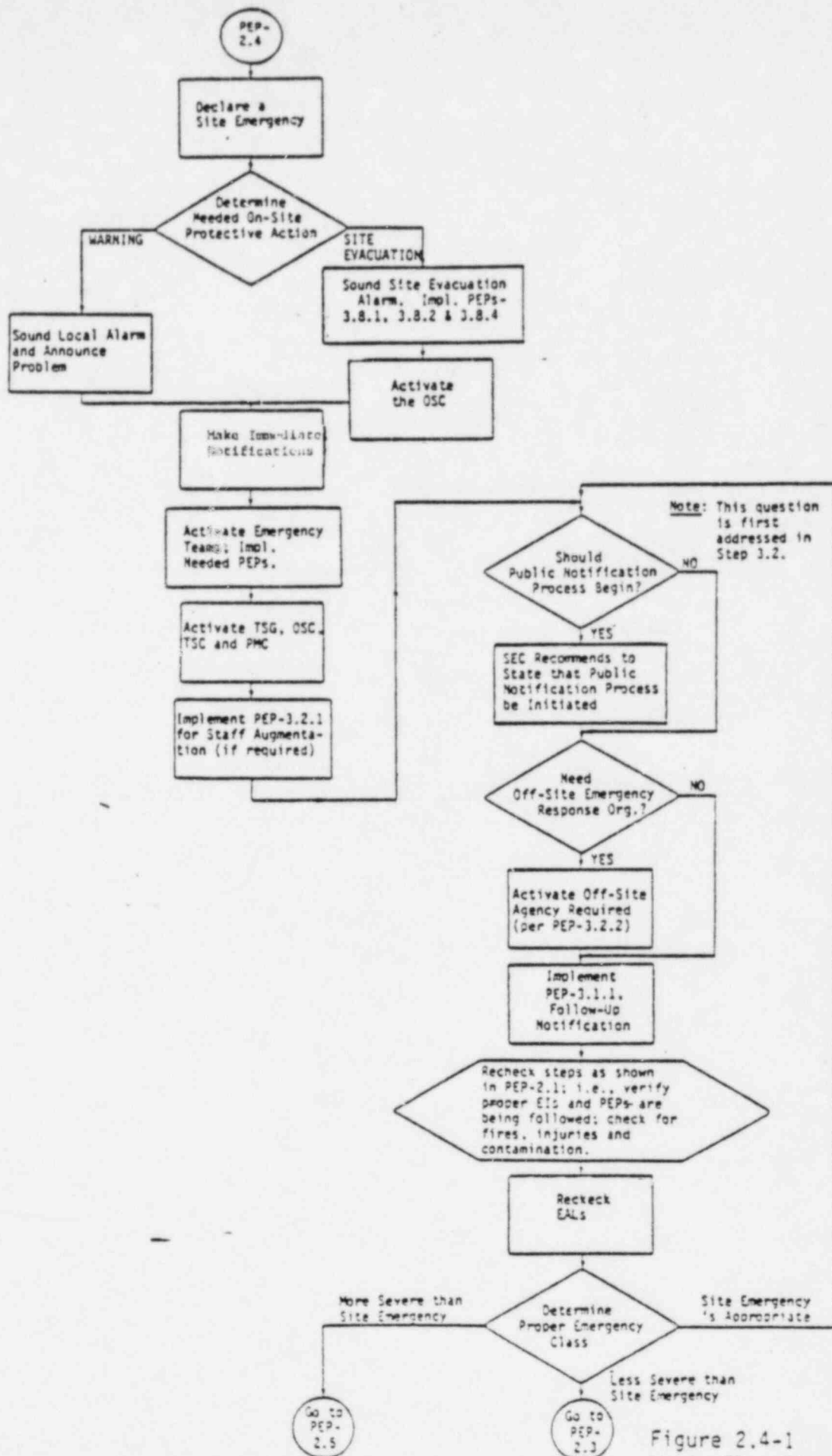


Figure 2.4-1
Logic Flow Diagram for PEP-02

File No. _____
Unit No. _____
Q+RETcd _____
App'l _____

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

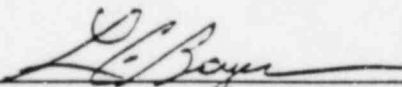
EMERGENCY CONTROL - GENERAL EMERGENCY

PLANT EMERGENCY PROCEDURE PEP-02.5

VOLUME XIII

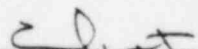
Rev 003

Recommended By: _____


Assistant to General Manager

Date: 9/29/82

Approved By: _____


General Manager

Date: 10/1/82

PEP-02.5

LIST OF EFFECTIVE PAGES

<u>PAGES</u>	<u>REVISION</u>
1 - 6	2
7 - 17	3

EXHIBIT 2.5-1

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

1. Complete Part I for the Initial Warning Message.
2. Complete Part I and II for follow-up messages.
3. When the event is terminated, return this form to the Assistant to the General Manager.

B. For Receiver:

1. Record the date, time, and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I.5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is Brunswick Steam Electric Plant.
2. My name is: _____
3. This message (number ____):
____ (a) Reports a real emergency.
____ (b) Is an exercise message.
4. My telephone number/extension is _____.
5. Message Authentication: _____
(Verify code word or call back to the facility.)
6. The class of emergency is:
____ (a) Notification of Unusual Event
____ (b) Alert
____ (c) Site Emergency
____ (d) General Emergency

7. This classification of emergency was declared at ____ (a.m./p.m.) on
_____ (date).

8. The initiating event causing the Emergency Classification is:

9. The emergency condition:

____ (a) Does not involve the release of radioactive materials from the plant.

____ (b) Involves the potential for a release, but no release is occurring.

____ (c) Involves a release of radioactive material.

10. We recommend the following protective action:

____ (a) No protective action is recommended at this time.

____ (b) People living in zones _____ remain indoors with the doors and windows closed.

____ (c) People in zones _____ evacuate their homes and businesses.

____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.

____ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.

____ (f) Other recommendations: _____

11. There will be:

____ (a) A follow-up message.

____ (b) No further communications.

12. I repeat, this message:

____ (a) Reports an actual emergency

____ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

PART II

1. The type of actual or projected release is (select one or more):
 _____ (a) Airborne
 _____ (b) Waterborne
 _____ (c) Surface spill
 _____ (d) Other
2. The source and description of the release is: _____

3. _____ (a) Release began/will begin at _____ a.m./p.m.; time since reactor trip is _____ hours.
 _____ (b) The estimated duration of the release is _____ hours.
4. Dose projection base data:
 Radiological release: _____ curies, or _____ curies/sec.
 Windspeed: _____ mph
 Wind direction: From _____
 Stability class: _____ (A, B, C, D, E, F, or G)
 Release height: _____ Ft.
 Dose conversion factor: _____ R/hr/Ci/m³ (whole body)
 _____ R/hr/Ci/m³ (Child Thyroid)
 Precipitation: _____
 Temperature at the site: _____ °F

5. Dose projections:

Dose Commitment

Distance	Whole Body Rem/hour	(Child Thyroid) Rem/hour of inhalation
Site boundary		
2 miles		
5 miles		
10 miles		

Projected Integrated Dose In Rem

Distance	Whole Body	Child Thyroid
<u>Site Boundary</u>		
2 miles		
5 miles		
10 miles		

6. Field measurement of dose rate or contamination (if available): _____

7. Emergency actions underway at the facility include: _____

8. On-site support needed from off-site organizations: _____

9. Plant status:
- (a) Reactor is: not tripped/tripped
 - (b) Plant is at: _____% power/hot shutdown/cold shutdown/cooling down
 - (c) Prognosis is: stable/improving/degrading/unknown.
10. I repeat, this message:
- _____ (a) Reports an actual emergency.
 - _____ (b) Is an exercise message.
11. Do you have any questions?

END OF FOLLOW-UP MESSAGE

NOTE: Record the name, title, date, time, and warning point notified. (Senders)
Record the name, title, date, time, and persons notified per alert procedure.
(Receivers)

1. _____
(name) (title)
- _____
- (date) (time) (warning point)

2.

(name) _____ (title) _____

(date) _____ (time) _____ (warning point) _____

3.

(name) _____ (title) _____

(date) _____ (time) _____ (warning point) _____

4.

(name) _____ (title) _____

(date) _____ (time) _____ (warning point) _____

5.

(name) _____ (title) _____

(date) _____ (time) _____ (warning point) _____

6.

(name) _____ (title) _____

(date) _____ (time) _____ (warning point) _____

7.

(name) _____ (title) _____

(date) _____ (time) _____ (warning point) _____

END OF FOLLOW-UP MESSAGE

-NOTE-

WHEN THE EVENT IS TERMINATED RETURN THIS FORM TO THE
ASSISTANT TO THE GENERAL MANAGER

EXHIBIT 2.5-2

IMMEDIATE NOTIFICATION CHECKLIST FOR GENERAL EMERGENCY

Instructions:

- 1) The sequence of notification priority is shown on the chart below.
- 2) If SERT Headquarters is activated do not notify State, County, or Coast Guard Warning Points.
- 3) If SERT Headquarters is not activated, State and County Warning Points should be notified by automatic ringdown phone, (ARD). If not operable, use phone numbers provided.
- 4) Notification of the organization/individual should be made within the time indicated after the Declaration of General Emergency.

CONTACT TIME	ORGANIZATION/INDIVIDUAL TO BE CONTACTED	PERSON CONTACTED	TIME CONTACTED
15 min.	SERT Headquarters (If <u>activated</u>) (ARD or _____)		
15 min.	State Warning Point (ARD or _____)		
15 min.	Brunswick County Warning Point (ARD or _____)		
15 min.	New Hanover County Warning Point (ARD or _____)		
60 min.	U.S. Coast Guard (343-4895 or _____)		
60 min.	U.S. Nuclear Regulatory Commission (Red Phone or Appendix A)		
60 min.	CP&L Corporate Headquarters (_____) or Appendix A)		
	INPO (_____)		
	NRC Resident Inspector D. O. Meyer Home (_____) Page _____		

EMERGENCY ORGANIZATION NOTIFICATION CHECKLIST (Site Emergency)

EMERGENCY ORGANIZATION POSITION	Interim Assign- ment (Name)	Key Personnel Called to		
		Standby (✓)	Activate (✓)	Person Contacted
Primary Site Emergency Coordinator			✓	
Primary Emergency Communicator			✓	
Plant Operations Director			✓	
Emergency Repair Director			✓	
Logistics Support Director			✓	
Radiological Control Director			✓	
Environmental Monitoring Team Leader			✓	
Plant Monitoring Team Leader			✓	
Personnel Protection and Decontamination Team Leader			✓	
Dose Projection Team Leader			✓	
Accident Assessment Leader			✓	
Emergency Security Team Leader			✓	
Damage Control Team Leader			✓	
Operational Support Center Leader			✓	
Representative at the State Emergency Response Team Headquarters			✓	
Emergency Switchboard Operators			✓	

OTHER PERSONNEL

Name	Emergency Assignment

Approved for release: _____/_____/_____
initials time date

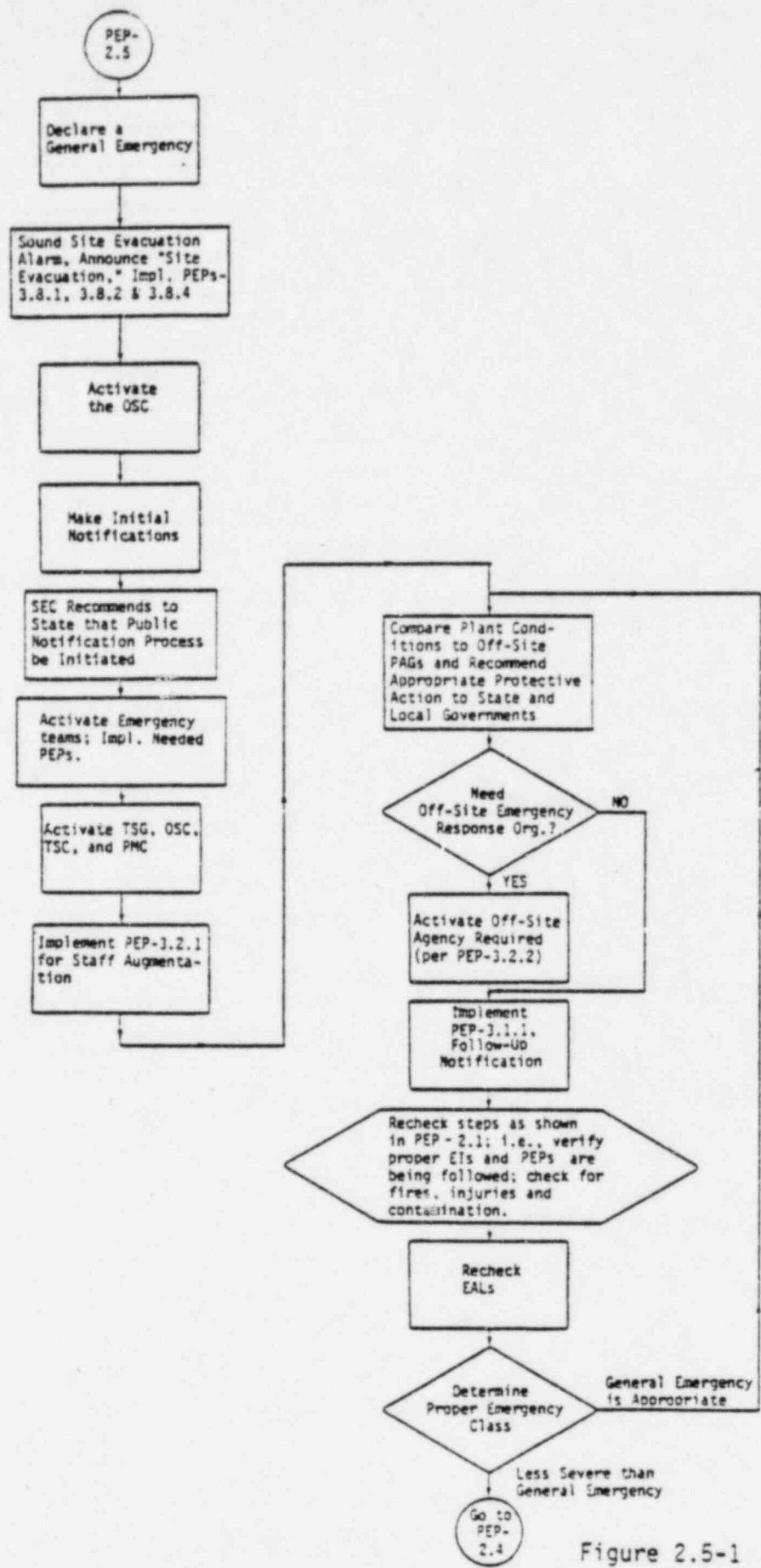


Figure 2.5-1
Logic Flow Diagram for PEP-2.5

EXHIBIT 2.5-4

PROTECTIVE ACTIONS AT VARIOUS
PROJECTED DOSES

I. REPRESENTATIVE PROTECTIVE ACTIONS TO REDUCE WHOLE BODY AND THYROID DOSE
FROM EXPOSURE TO A GASEOUS PLUME

<u>Projected Dose (rem)</u>	<u>Recommended Action(s)</u> ^(a)	<u>Comments</u>
Whole Body <1.0 or Thyroid <5.0	No planned protective action. ^(b) State may issue an advisory to seek shelter and await further instructions. Monitor environmental radiation levels.	Previously recommended protective actions may be reconsidered or terminated
Whole Body 1 to 5 or Thyroid 5 to 25	Seek shelter as a minimum. Consider evacuation unless constraints make it impractical. Monitor environmental radiation levels. Control access.	If constraints exist, special consideration should be given for evacuation of children and pregnant women.
Whole Body 5 or above or Thyroid 25 or above	Conduct mandatory evacuation. Monitor environmental radiation levels and adjust for mandatory evacuation based on these levels. Control access.	Seeking shelter would be an alternative if evacuation were not immediately possible.

(a) These actions are recommended for planning purposes. Protective action decisions at the time of the incident must take existing conditions into consideration.

(b) At the time of the incident, officials may implement low-impact protective actions in keeping with the principle of maintaining radiation exposures as low as reasonably achievable.

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EXHIBIT 2.5-4 (cont.)

II. EXPOSURE TO THE PUBLIC VIA THE FOOD PATHWAY

Protective Action Guide (PAG)	Projected Dose Commitment to Whole Body, Bone Marrow or any Other Organ (rem)	Projected Dose Commitment to the Thyroid (rem)
Preventive PAG ^{1/}	0.5	1.5
Emergency PAG ^{2/}	5.0	15.0

^{1/} Preventive PAG - applicable situations where protective actions causing minimal impact on the food supply are appropriate.

^{2/} Emergency PAG - applicable to incidents where protective actions of great impact on the food supply are justified because of the projected health hazards.

EXHIBIT 2.5-4 (cont.)

III. RESPONSE LEVEL EQUIVALENT TO PREVENTIVE PAG

Infant⁽¹⁾ as critical segment of population

	¹³¹ I ⁽²⁾	¹³⁷ Cs	⁹⁰ Sr	
Initial deposition (microcuries/meter ²)	0.14	1.7	0.34	6
Peak activity:				
Pasture (microcuries/kilogram) ^(Note 3)	0.27	3.5	0.7	13
Milk (microcuries/liter)	0.012	0.34	0.007	0.13
Total intake (microcuries)	0.09	7	0.2	2.6

- 1/ Newborn infant critical segment of population for iodine-131. For other radionuclides, "infant" refers to child less than 1 year of age.
- 2/ Released iodine may be almost entirely in the form of methyl iodide, which does not deposit on ground surfaces and will not constitute a significant health hazard.
- 3/ Fresh weight.

File No. _____
Unit No. _____
Q+RETcd _____
App'l _____

CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT

UNIT 0

FOLLOW-UP NOTIFICATIONS AND COMMUNICATIONS

PLANT EMERGENCY PROCEDURE PEP-03.1.1

VOLUME XIII

Rev 003

Recommended By: *L. C. Bayer*
Assistant to the General Manager

Date: 9/29/82

Approved By: *E. J. [Signature]*
General Manager

Date: 10/1/82

PEP-3.1.1 FOLLOW-UP NOTIFICATIONS AND COMMUNICATIONS

1.0 Responsible Individual and Objectives

Until the Emergency Operations Facility is activated, the Emergency Communicator is responsible to the Site Emergency Coordinator for providing follow-up information regarding the emergency. After the Emergency Operations Facility is activated, the Emergency Response Manager, in coordination with the Emergency Coordinator, is responsible to provide required follow-up information to offsite agencies.

2.0 Scope and Applicability

This procedure shall be implemented and terminated by the Site Emergency Coordinator in accordance with the Emergency Control Procedure in effect (i.e., PEP-2.2, 2.3, 2.4 or 2.5). This procedure should not be implemented until all immediate notifications have been verified except as directed by the Site Emergency Coordinator. (Emergency Response Manager after the Emergency Operations Facility is activated.)

3.0 Actions

3.1 Complete EXHIBIT 3.1.1-1, "Follow-up Communications Information Sheet." If an item is unknown or not applicable, indicate such on the EXHIBIT.

Note: The information sources for the various items are as follows:

<u>Item #(s)</u>	<u>Source</u>
1 thru 10	Emergency Communicator
11 thru 15, 27 thru 31	Site Emergency Coordinator
16 thru 30	Radiological Control Director Control Operator or Plant Operations Director (The Emergency Response Manager after the Emergency Operations Facility is activated.)

3.2 Have the Site Emergency Coordinator review and approve EXHIBIT 3.1.1-1 prior to transmittal.

-CAUTION-

IF THE EMERGENCY IS TERMINATED, OR RECLASSIFIED BEFORE ALL CONTACTS HAVE BEEN MADE INDICATE THE HIGHEST CLASS ATTAINED AND THEN GIVE THE CURRENT STATUS AND WHEN IT WAS ACHIEVED TO THE WARNING POINT. DO NOT CONTINUE WITH AN OUTDATED CLASSIFICATION.

3.3 Make follow-up notifications

- 3.3.1 Utilize EXHIBIT 3.1.1-2, "Follow-up Communications Checklist," to determine which organizations and individuals must be contacted for the level of emergency that is currently applicable.
- 3.3.2 Request from the Site Emergency Coordinator (the Emergency Response Manager after the Emergency Operations Facility is activated) which of the optional contacts should be made.
- 3.3.3 Contact the organizations/individuals as indicated in EXHIBIT 3.1.1-2.

Note: The specific individuals (including titles and alternates) to be contacted for each organization are contained in PEP-Appendix A. Their telephone numbers are maintained on file in the Control Room.

- 3.3.4 Transmit the information contained in EXHIBIT 3.1.1-1 to each person contacted.
- 3.3.5 Record any questions (whose answers are not contained in EXHIBIT 3.1.1-1 as completed) on EXHIBIT 3.1.1-3, "Follow-up Communications Question Log."
- 3.3.6 Request a verification call-back from organizations or individuals not previously contacted during the immediate notification phase (PEP-2.2, 2.3, 2.4, or 2.5) if there is any question regarding the authenticity of the notification.

3.4 Respond to open questions.

- 3.4.1 Once all follow-up notifications have been made, per Step 3.3 above, collect answers to any open questions on EXHIBIT 3.1.1-3, "Follow-up Communications Question Log."

Note: Include the source(s) of each answer. The Site Emergency Coordinator is available to assist in obtaining answers to all questions.

- 3.4.2 Transmit answers to appropriate contact and document transmittal in EXHIBIT 3.1.1-3.

- 3.5 Upon termination of an emergency by the Site Emergency Coordinator, SO inform each agency, organization, and individual (including CP&L/Plant) that was contacted during the emergency.

WARNING MESSAGE: NUCLEAR FACILITY TO STATE/LOCAL GOVERNMENT

Instructions:

A. For Sender:

1. Complete Part I for the Initial Warning Message.
2. Complete Part I and II for follow-up messages.
3. When the event is terminated return this form to the Assistant to the General Manager.

B. For Receiver:

1. Record the date, time, and your name in the area below.
2. Authenticate this message by verifying the code word or by calling back to the facility. (See Part I.5)

Time: _____ Date: _____

Message Received By: _____

PART I

1. This is Brunswick Steam Electric Plant.
2. My name is: _____
3. This message (number ____):
____ (a) Reports a real emergency.
____ (b) Is an exercise message.
4. My telephone number/extension is _____.
5. Message Authentication: _____
(Verify code word or call back to the facility.)
6. The class of emergency is:
____ (a) Notification of Unusual Event
____ (b) Alert
____ (c) Site Emergency
____ (d) General Emergency

7. This classification of emergency was declared at _____ (a.m./p.m.) on _____ (date).
8. The initiating event causing the Emergency Classification is:

9. The emergency condition:
____ (a) Does not involve the release of radioactive materials from the plant.
____ (b) Involves the potential for a release, but no release is occurring.
____ (c) Involves a release of radioactive material.
10. We recommend the following protective action:
____ (a) No protective action is recommended at this time.
____ (b) People living in zones _____ remain indoors with the doors and windows closed.
____ (c) People in zones _____ evacuate their homes and businesses.
____ (d) Pregnant women and children in zones _____ remain indoors with the doors and windows closed.
____ (e) Pregnant women and children in zones _____ evacuate to the nearest shelter/reception center.
____ (f) Other recommendations: _____

11. There will be:
____ (a) A follow-up message.
____ (b) No further communications.
12. I repeat, this message:
____ (a) Reports an actual emergency
____ (b) Is an exercise message

13. RELAY THIS INFORMATION TO THE PERSONS INDICATED ON YOUR ALERT PROCEDURE FOR AN INCIDENT AT A NUCLEAR FACILITY.

END OF INITIAL WARNING MESSAGE

- 6. Field measurement of dose rate or contamination (if available): _____

- 7. Emergency actions underway at the facility include: _____

- 8. On-site support needed from off-site organizations: _____

- 9. Plant status:
 - (a) Reactor is: not tripped/tripped
 - (b) Plant is at: _____% power/hot shutdown/cold shutdown/cooling down
 - (c) Prognosis is: stable/improving/degrading/unknown.
- 10. I repeat, this message:
 - _____ (a) Reports an actual emergency.
 - _____ (b) Is an exercise message.
- 11. Do you have any questions?

END OF FOLLOW-UP MESSAGE

NOTE: Record the name, title, date, time, and warning point notified. (Senders)
Record the name, title, date, time, and persons notified per alert procedure.
(Receivers)

1.	_____	(title)
	(name)	
	_____	(warning point)
	(date)	(time)
2.	_____	(title)
	(name)	
	_____	(warning point)
	(date)	(time)
3.	_____	(title)
	(name)	
	_____	(warning point)
	(date)	(time)

4.

(name) (title)

(date) (time) (warning point)

5.

(name) (title)

(date) (time) (warning point)

6.

(name) (title)

(date) (time) (warning point)

7.

(name) (title)

(date) (time) (warning point)

END OF FOLLOW-UP MESSAGE

-NOTE-

WHEN EVENT IS TERMINATED RETURN THIS FORM TO THE
ASSISTANT TO THE GENERAL MANAGER

EXHIBIT 3.1.1-2

FOLLOW-UP COMMUNICATIONS CHECKLIST

FOR:				ORGANIZATION/INDIVIDUAL TO BE CONTACTED	TIME CONTACTED	TIME VERIFIED
U.E.	A1.	S.E.	G.E.			
X	X	X	X	Nuclear Regulatory Commission		
X	X	X	X	Corporate Headquarters		
		X	X	State Emergency Response Team*		
X	X	X	X	A. State Warning Point		
X	X	X	X	B. Brunswick County		
X	X	X	X	C. New Hanover County		
X	X	X	X	D. US Coast Guard		
X	X	X	X	NRC Resident Inspector		
	X	X	X	INPO		
#	#	#	#	Dosher Memorial Hospital		
#	#	#	#	Southport Volunteer Rescue Squad		
	#	#	#	General Electric		
	#	#	#	United Engineers		

KEY

- X - Contact must be made
- # - Contact is optional: Site Emergency Coordinator will circle contacts to be made for the specific emergency.
- * - If the SERT Headquarters is established, it is not necessary to contact A, B, C, or D.

FOLLOW-UP COMMUNICATIONS QUESTION LOG

CONTACT (Name/Organization)	QUESTION	ANSWER (Use continuation page if necessary)	ANSWER TRANSMITTED (Time/Date)
--------------------------------	----------	---	--------------------------------------

PEP-A.3 FIRE AND MEDICAL ASSISTANCE

FIRE AND MEDICAL PHONE NUMBERS

MEDICAL CONSULTANTS TO CP&L

Dr. Forstner
Dr. Almira

Primary

Alternate

HOSPITALS

Dosher Hospital

RESCUE SQUAD

Southport Volunteer Rescue Squad

FIRE DEPARTMENTS

Yaupon Beach Fire Department
Southport Fire Department
Boiling Spring Lakes
Sunny Point

PEP-A.2 FEDERAL, STATE AND COUNTY AGENCIES

U.S. NUCLEAR REGULATORY COMMISSION, REGION II

Atlanta, Georgia
Bethesda, Maryland

(Daytime, Nights and Holidays)

Upon failure of ENS-Red Phone System

DEPARTMENT OF ENERGY

Savannah River Operations Office

Radiological Assistance Teams
W. T. Thornton

S. R. Wright

Primary
(During Normal Working Hours)

Alternate

STATE OF NORTH CAROLINA

State Warning Point
Highway Patrol
Radiological Health Branch
Mr. Dayne Brown

BRUNSWICK COUNTY

Warning Point
(County Sheriff - Mr. Herman Strong)
Civil Preparedness

NEW HANOVER COUNTY

Warning Point
(County Sheriff - Mr. T. Radowitz)
Civil Preparedness
(Mr. Ben Washburn)

U.S. COAST GUARD

Marine Safety Office

(Duty Officer,
Wrightsville
Beach)

FEDERAL AVIATION ADMINISTRATION

*Automatic Ring-Down dedicated telephone line

Qualified Operators for Emergency Switchboard

Annette Clemmons
Charlotte Frye
Kay Hewett
Cindy Long
Brenda McKeithan
Amy Rhodes
Marsha Stone
Theresa Tripp
Geri Cahill

W. R. Hatcher
G. Spies

R. White
B. Beverage
D. Allen
G. Milligan
M. Jones
R. Wallace
B. Toler
B. Hart
L. Duncan
E. Thorndyke
G. Medlock
K. Hill
G. Vaught

Home

Office

Security

EOF Personnel

Environmental and Radiation Control

Home

Office

Foreman

- A. H. Caylor (E&C)
- J. B. Cook (RC)
- B. E. Failor (RC)

- J. D. Ward (RC)
- C. L. Priest (RC)

Specialists

- J. W. Davis (E&C)
- J. L. Kiser (RC ALARA)
- R. E. Queener (RC)
- P. B. Snead (RC)
- R. E. Pennock
- S. B. Potter

Operations

Shift Operating Supervisors

- C. F. Blackmon
- A. S. Hegler
- C. W. Martin
- P. T. McNeill
- W. L. Johnson
- J. D. Lichty
- D. C. Cooper

Shift Foreman

- M. R. Foss
- W. D. Link
- J. L. Simon
- R. D. Tart
- S. B. York
- R. A. LaBelle
- S. C. Carr
- C. S. Briney
- E. C. Hawkins
- K. F. Horn
- B. S. Strickland

Home Phone

Office

SENIOR SPECIALIST ELECTRICAL (OPERATIONAL SUPPORT CENTER LEADER)

T. L. Brown

H. R. Harrelson

SECURITY SPECIALIST (EMERGENCY SECURITY LEADER)

W. R. Hatcher

Alternate

G. Spies

COST CONTROL SPECIALIST (EVACUATION ASSEMBLY LEADER)

J. L. Boyte

Alternate

R. G. Lee

REGULATORY COMPLIANCE (EMERGENCY COMMUNICATOR)

K. E. Enzor

D. E. Novotny

M. J. Pastva

R. M. Poulk

Home Phone

Office

RADIATION CONTROL SUPERVISOR I (PERSONNEL PROTECTION AND DECONTAMINATION LEADER)

L. F. Tripp

Alternate

Radiation Control Foreman (See Attached)

RADIATION CONTROL SUPERVISOR II (PLANT MONITORING LEADER)

J. D. Henderson

Alternate

Radiation Control Foreman (See Attached)

ENVIRONMENTAL AND CHEMISTRY SUPERVISOR (ENVIRONMENTAL MONITORING LEADER)

C. E. Robertson

Alternate

A. H. Caylor

PRINCIPAL SPECIALIST - RADIATION CONTROL (DOSE PROTECTION COORDINATOR)

R. F. Queener

Alternate

R. C. Specialist (See Attached)

MECHANICAL MAINTENANCE SUPERVISOR (DAMAGE CONTROL LEADER)

G. C. Campbell

C. R. Treubel

I&C ELECTRICAL MAINTENANCE SUPERVISOR (DAMAGE CONTROL LEADER)

J. R. Jefferson

R. D. Creech

APPENDIX A.1 BSEP PERSONNEL

BSEP Personnel

	<u>Home Phone</u>	<u>Office</u>
<u>PLANT GENERAL MANAGER (SITE EMERGENCY COORDINATOR)</u>		
C. R. Dietz		
<u>ALTERNATES</u>		
<u>MANAGER - PLANT OPERATIONS</u>		
J. L. Harness		
Assistant to Manager - Plant Operations		
M. D. Hill		
<u>MANAGER - ENVIRONMENTAL & RADIATION CONTROL (RADIOLOGICAL CONTROL DIRECTOR)</u>		
G. J. Oliver		
<u>MANAGER - MAINTENANCE (EMERGENCY REPAIR DIRECTOR)</u>		
J. P. Dimmette		
<u>MANAGER - OPERATIONS (PLANT OPERATIONS DIRECTOR)</u>		
W. M. Tucker		
<u>ASSISTANT TO PLANT GENERAL MANAGER (LOGISTIC SUPPORT DIRECTOR)</u>		
L. E. Boyer		
Alternate		
J. A. Smith		
<u>MANAGER - TECHNICAL SUPPORT (ACCIDENT ASSESSMENT LEADER)</u>		
E. A. Bishop		
Alternate		
J. S. Boone		