



W. R. McCollum, Jr.
Vice President

Duke Energy Corporation

Oconee Nuclear Station
7800 Rochester Highway
Seneca, SC 29672
(864) 885-3107 OFFICE
(864) 885-3564 FAX

March 12, 2002

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Emergency Plan Implementing Procedures Manual
Volume B, Revision 2002-03

Please find attached for your use and review copies of the revision to the
Oconee Nuclear Station Emergency Plan:

Volume B Revision 2002-03 March 2002

This revision is being submitted in accordance with 10 CFR 50-54(q) and does
not decrease the effectiveness of the Emergency Plan or the Emergency Plan
Implementing Procedures.

Any questions or concerns pertaining to this revision please call Mike Thorne,
Emergency Planning Manager
at 864-885-3210.

By copy of this letter, two copies of this revision are being provided to the
NRC, Region II, Atlanta, Georgia.

Very truly yours,

W. R. McCollum, Jr.
VP, Oconee Nuclear Site

xc: (w/2 copies of attachments)
Mr. Luis Reyes,
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
61 Forsyth St., SW, Suite 24T23
Atlanta, Georgia 30303

w/copy of attachments
Mr. Steven Baggett
Rockville, Maryland

(w/o Attachments, Oconee Nuclear Station)
NRC Resident Inspector
M. D. Thorne, Manager, Emergency Planning

A045

March 12, 2002

OCONEE NUCLEAR SITE

SUBJECT: Emergency Plan Implementing Procedures
Volume B, Revision 2002-03

Please make the following changes to the Emergency Plan, Volume B
by following these instructions.

REMOVE

Cover Sheet Rev. 2002-02

Table of Contents page 2

Maintenance Directive 9.1
- 08/21/00

ADD

Cover Sheet Rev. 2002-03

Table of Contents page 2

Maintenance Directive - 02/25/02

DUKE POWER

EMERGENCY PLAN
IMPLEMENTING PROCEDURES
VOLUME B



APPROVED:



W. W. Foster, Manager
Safety Assurance

03/12/02

Date Approved

03/12/02

Effective Date

VOLUME B
REVISION 2002-03
March, 2002

VOLUME B
TABLE OF CONTENTS

Chemistry Manual 5.1	Emergency Response Guidelines	02/22/2001
Chemistry Manual 5.2	Post Accident Procedure Use Guidelines	09/18/00
Maintenance Directive 9.1	Emergency Preparedness Plan Activation	02/25/02
Maintenance Directive 9.2	Emergency Plan For Members Of The Work Control Group	12/19/00
OMP 1-7	Operations Emergency Response Organization	08/31/00
Radiation Protection Manual 11.1	Radiation Protection Emergency Response	09/01/98
Radiation Protection Manual 11.4	Radiation Protection Site Assembly	06/05/00
Safety Services Procedure 2.1	Safety Services Emergency Response Procedure 2.1	03/14/00

Revision 2002-03
March, 2002

INFORMATION ONLY

Oconee Nuclear Station

Maintenance Directive 9.1

Approved *R. Medlin*

Original Date 4/24/84

Revised Date 2/12/02

Prepared By R Ledford

EP Review *Ray Waterman*

EP Review Date 2/25/02

EMERGENCY PREPAREDNESS PLAN ACTIVATION

1.0 Purpose

The purpose of this directive is to provide maintenance coordination and interface with the Oconee Nuclear Site (ONS) Emergency Plan, and should be reviewed by Emergency Planning prior to approval by the responsible group.

2.0 Responsibility

Responsibilities of Maintenance personnel are described in the body of this directive.

UPON REVISION AND APPROVAL, A COPY OF THIS DIRECTIVE MUST BE FORWARDED TO EMERGENCY PLANNING WITHIN 7 WORKING DAYS.

3.0 Implementation

This directive explains the duties of various Maintenance personnel whenever the Emergency Plan is activated.

NOTE: Following are the primary and alternate locations of the Operational Support Center (OSC) and Technical Support Center (TSC).

OSC: Primary - OSC Room behind Unit 3 Control Room
Alternate- Room 316A, Oconee Office Building

TSC: Primary - TSC Room behind Unit 1 and 2 Control Room
Alternate- Room 316 in the Oconee Office Building

3.1 Normal Working Hours

3.1.1 Upon site assembly alarm, all Maintenance Group personnel will:

- a. Maintenance SPOC Personnel report immediately to the Operational Support Center. Supervisors and team swipe badges and report accountability to their Maintenance Manager.
- b. All other Maintenance Personnel shall swipe badges and report immediately to their assembly area for accountability. Personnel should remain in their assembly areas until notified to set up TSC/OSC or secure from site assembly.

Maintenance personnel inside the protected area and not physically close to their reporting work area will go to the nearest telephone and call their supervisor immediately for accountability and swipe badges within 30 minutes. These individuals should either return to their assembly area or remain close to a phone or as instructed by their supervision. If outside the protected area call only as there are no card readers outside the protected area.

- c. Maintenance Supervisors will account for their on site personnel, whether accounted for or missing, and give accountability report to their Manager within eight (8) minutes after the site assembly alarm.
- d. Maintenance Managers will give their accountability reports to the Maintenance Superintendent's Administrative Specialist within twelve (12) minutes after site assembly begins.
- e. The Superintendent's Administrative Specialist will give accountability reports to the Security Shift Lieutenant within twenty (20) minutes after the site assembly alarm.

3.1.2 Activation of the Maintenance Emergency Response Organization:

NOTE: Site assembly will not always precede the activation of the OSC/TSC. Also, the OSC/TSC is not always activated after site assembly.

Upon announcement over the P.A. system to set up the Technical Support Center (TSC) and the Operational Support Center (OSC) the following Maintenance Personnel should respond as indicated below:

MAINTENANCE MANAGER

- a. Reports to the OSC.

- b. Keeps the OSC Manager up-to-date as to the activities of the Maintenance Group.
- c. Maintenance Manager in the OSC will secure additional manager support from I&E/Mechanical if conditions warrant.

MAINTENANCE SHIFT (12 hour) PERSONNEL

- a. SPOC Team Supervisor
 - 1. Reports with team to the OSC.
(Use RP/0/B/1000/25 to establish OSC)
 - 2. Swipe badges and report accountability to appropriate Manager.
 - 3. Sets up and checks out communication equipment (if announcement is made to set up TSC/OSC).
 - 4. Follows instructions for response from the Maintenance Manager.
- b. Mechanical Maintenance SPOC Team
 - 1. Reports to the OSC.
 - 2. Mechanical Maintenance SPOC team swipe badges report accountability to appropriate Manager.
 - 3. Follows instructions for response from the Maintenance Manager.

3.1.3 Evacuation of Maintenance Personnel

Reference: N.S.D. 114 - Site Assembly/Site Evacuation

NOTE: Site Assembly will always precede a Station Evacuation.

- 3.1.3.1 The Offsite Communicator will initiate an evacuation with a PA announcement identifying (a) the applicable evacuation plan in effect see (NSD 114), (b) the Decontamination Center/Post Evacuation Assembly Location to be utilized, (c) and the use of Lotus Notes(if applicable).
- 3.1.3.2 Personnel being evacuated should follow evacuation instructions and report to the identified locations. Further instructions will be provided by maintenance management.
- 3.1.3.3 Once the announcement to evacuate has been made, the Maintenance Manager(s) will determine the essential Maintenance personnel to retain on site. **Non-essential personnel who are retained to assist in the recovery must receive approval from the Station Manager or his designee.**

3.1.3.4 When the determination of essential personnel is complete it will be provided to the Evacuation Coordinator for the Maintenance group. The Evacuation Coordinator is assigned as follows (reference Attachment #2):

- a. Maintenance Team- One individual from Attachment #2.

3.1.3.5 The Evacuation Coordinator for each group will ensure that assigned personnel are informed of their designation as being either essential or non-essential. All personnel designated as essential will remain on site in the event of a Station Evacuation. All personnel designated as non-essential will be directed to follow all evacuation instructions if a Station Evacuation is announced.

3.1.3.6 The Maintenance Evacuation Coordinator will communicate specific work schedule instructions as required.

3.1.3.7 After receiving the information detailed in 3.1.3.2 all on-site non-essential Maintenance personnel will evacuate the site following the given evacuation instructions.

3.1.3.8 All on-site essential Maintenance personnel will be directed by the OSC in any further activities after receiving the information detailed in 3.1.3.2.

3.1.3.9 All off-site Maintenance personnel will be contacted by Maintenance Supervision with specific work schedule instructions.

3.2 Backshift, Holidays, Weekends

3.2.1 MAINTENANCE SHIFT PERSONNEL

a. SPOC Team Supervisor

1. Reports with team to the OSC at Site Assembly Alarm or when announcement is made to set up OSC/TSC.
(Use RP/0/B/1000/25 to establish OSC)
2. SPOC Supervisor and team swipes badges and reports accountability to phone extension 5050.
3. Sets up and checks out communication equipment. (If announcement is made to set up TSC/OSC).
4. SPOC Supervisor contacts Operations Shift Supervisor to make him aware when the OSC is established (Maintenance, Chemistry, RP).

5. Determines from the Operations Shift Supervisor the emergency situation and responds as directed by Operations Shift Supervisor.
6. Serves as OSC Manager until relieved by Work Control.

b. Mechanical Maintenance SPOC Team

1. Reports to the OSC at Site Assembly Alarm or when announcement is made to set up OSC/TSC.
2. Lead SPOC technician acts as OSC Manager if SPOC Supervisor is not available and serves as OSC Manager until relieved by Work Control.
(Use RP/0/B/1000/25 to establish the OSC)
3. Swipe badges and reports accountability of Maintenance Technicians and Materials personnel to phone extension 5050.
4. Follows instructions for response from the OSC Manager.

c. Maintenance Manager

1. Maintenance Manager will report to the OSC within 75 minutes of acknowledging call from the Community Alert Network. Maintenance Manager will take turnover from the SPOC supervisors and direct maintenance activities.
2. Maintenance Manager will callout additional manager support from Maintenance personell if conditions warrant.

3.2.2 Evacuation of Maintenance Personnel

- 3.2.2.1 Maintenance personnel on site will be identified essential or non-essential and evacuated per instructions from the OSC/TSC. The Maintenance Manager and/or SPOC supervisors will identify Maintenance personnel as being essential or non-essential.

4.0 Attachments

- Attachment #1 - PGMS and Tech Support/ Site Sponsor Contact list
- Attachment #2 - Maintenance Evacuation Coordinator List
- Attachment #3 - Fitness For Duty Information

ATTACHMENT #1

PGMS ELECTRICAL CONTACT LIST

Breakers, Bus, Switchyards, Switchgear, Transformers, Generators, Excitation
Systems and Doble Teams

Resources

PGMS Duty Pager 382-1125

Victor Sheets 382-3157 M-Thurs. Cell Phone (704) 507-7740

Technical Support and Site Sponsors

Alan Greene ext. 3099 M-Thurs. Beeper 778-6173**

Ron Beaver ext. 3486 M-Thurs. Beeper 778-4334

** Contact Switchboard after normal hours.

ATTACHMENT #2

MAINTENANCE EVACUATION COORDINATOR LIST

<u>Evacuation Coordinators:</u>	<u>Phone Extension</u>	<u>Beeper Number</u>
<u>PRIMARY:</u> - Manny Isom	Ext. 5581	778-5963
Alternate - Bill McAlister	Ext. 3100	778-8176

ATTACHMENT #3

FITNESS FOR DUTY INFORMATION

PERSONS AUTHORIZED TO CALL EMPLOYEES OUT MUST ASK THE FOLLOWING QUESTIONS:

1. Have you consumed alcohol in the last five (5) hours?*
2. What did you have?
3. How much did you have?
4. Can you perform your job unimpaired?
5. Can you drive?

* **Employees who acknowledge consumption of alcohol within five (5) hours must be evaluated by supervision upon reporting to work. Evaluation may be by observation or breathalyzer.**

If the answer to the first questions is "no", the other questions should not be asked.

These questions apply to ANYONE being called out to work in the protected area of a nuclear station regardless of position or whether his/her name appears on the "duty list".

Documentation of the phone call is not required per the Fitness-for-Duty "rule". However, if the call-out results in a questionable situation, you may want this information documented.

INFORMATION ONLY

Oconee Nuclear Station

Maintenance Directive 9.1

Approved *R. Medli*

Original Date 4/24/84

Revised Date 2/12/02

Prepared By R Ledford

EP Review *Ray Waterman*

EP Review Date 2/25/02

EMERGENCY PREPAREDNESS PLAN ACTIVATION

1.0 Purpose

The purpose of this directive is to provide maintenance coordination and interface with the Oconee Nuclear Site (ONS) Emergency Plan, and should be reviewed by Emergency Planning prior to approval by the responsible group.

2.0 Responsibility

Responsibilities of Maintenance personnel are described in the body of this directive.

UPON REVISION AND APPROVAL, A COPY OF THIS DIRECTIVE MUST BE FORWARDED TO EMERGENCY PLANNING WITHIN 7 WORKING DAYS.

3.0 Implementation

This directive explains the duties of various Maintenance personnel whenever the Emergency Plan is activated.

NOTE: Following are the primary and alternate locations of the Operational Support Center (OSC) and Technical Support Center (TSC).

OSC: Primary - OSC Room behind Unit 3 Control Room
Alternate- Room 316A, Oconee Office Building

TSC: Primary - TSC Room behind Unit 1 and 2 Control Room
Alternate- Room 316 in the Oconee Office Building

3.1 Normal Working Hours

3.1.1 Upon site assembly alarm, all Maintenance Group personnel will:

- a. Maintenance SPOC Personnel report immediately to the Operational Support Center. Supervisors and team swipe badges and report accountability to their Maintenance Manager.
- b. All other Maintenance Personnel shall swipe badges and report immediately to their assembly area for accountability. Personnel should remain in their assembly areas until notified to set up TSC/OSC or secure from site assembly.

Maintenance personnel inside the protected area and not physically close to their reporting work area will go to the nearest telephone and call their supervisor immediately for accountability and swipe badges within 30 minutes. These individuals should either return to their assembly area or remain close to a phone or as instructed by their supervision. If outside the protected area call only as there are no card readers outside the protected area.

- c. Maintenance Supervisors will account for their on site personnel, whether accounted for or missing, and give accountability report to their Manager within eight (8) minutes after the site assembly alarm.
- d. Maintenance Managers will give their accountability reports to the Maintenance Superintendent's Administrative Specialist within twelve (12) minutes after site assembly begins.
- e. The Superintendent's Administrative Specialist will give accountability reports to the Security Shift Lieutenant within twenty (20) minutes after the site assembly alarm.

3.1.2 Activation of the Maintenance Emergency Response Organization:

NOTE: Site assembly will not always precede the activation of the OSC/TSC. Also, the OSC/TSC is not always activated after site assembly.

Upon announcement over the P.A. system to set up the Technical Support Center (TSC) and the Operational Support Center (OSC) the following Maintenance Personnel should respond as indicated below:

MAINTENANCE MANAGER

- a. Reports to the OSC.

- b. Keeps the OSC Manager up-to-date as to the activities of the Maintenance Group.
- c. Maintenance Manager in the OSC will secure additional manager support from I&E/Mechanical if conditions warrant.

MAINTENANCE SHIFT (12 hour) PERSONNEL

- a. SPOC Team Supervisor
 - 1. Reports with team to the OSC.
(Use RP/0/B/1000/25 to establish OSC)
 - 2. Swipe badges and report accountability to appropriate Manager.
 - 3. Sets up and checks out communication equipment (if announcement is made to set up TSC/OSC).
 - 4. Follows instructions for response from the Maintenance Manager.
- b. Mechanical Maintenance SPOC Team
 - 1. Reports to the OSC.
 - 2. Mechanical Maintenance SPOC team swipe badges report accountability to appropriate Manager.
 - 3. Follows instructions for response from the Maintenance Manager.

3.1.3 Evacuation of Maintenance Personnel

Reference: N.S.D. 114 - Site Assembly/Site Evacuation

NOTE: Site Assembly will always precede a Station Evacuation.

- 3.1.3.1 The Offsite Communicator will initiate an evacuation with a PA announcement identifying (a) the applicable evacuation plan in effect see (NSD 114), (b) the Decontamination Center/Post Evacuation Assembly Location to be utilized, (c) and the use of Lotus Notes(if applicable).
- 3.1.3.2 Personnel being evacuated should follow evacuation instructions and report to the identified locations. Further instructions will be provided by maintenance management.
- 3.1.3.3 Once the announcement to evacuate has been made, the Maintenance Manager(s) will determine the essential Maintenance personnel to retain on site. **Non-essential personnel who are retained to assist in the recovery must receive approval from the Station Manager or his designee.**

3.1.3.4 When the determination of essential personnel is complete it will be provided to the Evacuation Coordinator for the Maintenance group. The Evacuation Coordinator is assigned as follows (reference Attachment #2):

- a. Maintenance Team- One individual from Attachment #2.

3.1.3.5 The Evacuation Coordinator for each group will ensure that assigned personnel are informed of their designation as being either essential or non-essential. All personnel designated as essential will remain on site in the event of a Station Evacuation. All personnel designated as non-essential will be directed to follow all evacuation instructions if a Station Evacuation is announced.

3.1.3.6 The Maintenance Evacuation Coordinator will communicate specific work schedule instructions as required.

3.1.3.7 After receiving the information detailed in 3.1.3.2 all on-site non-essential Maintenance personnel will evacuate the site following the given evacuation instructions.

3.1.3.8 All on-site essential Maintenance personnel will be directed by the OSC in any further activities after receiving the information detailed in 3.1.3.2.

3.1.3.9 All off-site Maintenance personnel will be contacted by Maintenance Supervision with specific work schedule instructions.

3.2 Backshift, Holidays, Weekends

3.2.1 MAINTENANCE SHIFT PERSONNEL

a. SPOC Team Supervisor

1. Reports with team to the OSC at Site Assembly Alarm or when announcement is made to set up OSC/TSC.
(Use RP/0/B/1000/25 to establish OSC)
2. SPOC Supervisor and team swipes badges and reports accountability to phone extension 5050.
3. Sets up and checks out communication equipment. (If announcement is made to set up TSC/OSC).
4. SPOC Supervisor contacts Operations Shift Supervisor to make him aware when the OSC is established (Maintenance, Chemistry, RP).

5. Determines from the Operations Shift Supervisor the emergency situation and responds as directed by Operations Shift Supervisor.
6. Serves as OSC Manager until relieved by Work Control.

b. Mechanical Maintenance SPOC Team

1. Reports to the OSC at Site Assembly Alarm or when announcement is made to set up OSC/TSC.
2. Lead SPOC technician acts as OSC Manager if SPOC Supervisor is not available and serves as OSC Manager until relieved by Work Control.
(Use RP/0/B/1000/25 to establish the OSC)
3. Swipe badges and reports accountability of Maintenance Technicians and Materials personnel to phone extension 5050.
4. Follows instructions for response from the OSC Manager.

c. Maintenance Manager

1. Maintenance Manager will report to the OSC within 75 minutes of acknowledging call from the Community Alert Network. Maintenance Manager will take turnover from the SPOC supervisors and direct maintenance activities.
2. Maintenance Manager will callout additional manager support from Maintenance personell if conditions warrant.

3.2.2 Evacuation of Maintenance Personnel

- 3.2.2.1 Maintenance personnel on site will be identified essential or non-essential and evacuated per instructions from the OSC/TSC. The Maintenance Manager and/or SPOC supervisors will identify Maintenance personnel as being essential or non-essential.

4.0 Attachments

- Attachment #1 - PGMS and Tech Support/ Site Sponsor Contact list
- Attachment #2 - Maintenance Evacuation Coordinator List
- Attachment #3 - Fitness For Duty Information

ATTACHMENT #1

PGMS ELECTRICAL CONTACT LIST

**Breakers, Bus, Switchyards, Switchgear, Transformers, Generators, Excitation
Systems and Doble Teams**

Resources

PGMS Duty Pager 382-1125

Victor Sheets 382-3157 M-Thurs. Cell Phone (704) 507-7740

Technical Support and Site Sponsors

Alan Greene ext. 3099 M-Thurs. Beeper 778-6173**

Ron Beaver ext. 3486 M-Thurs. Beeper 778-4334

** Contact Switchboard after normal hours.

ATTACHMENT #2

MAINTENANCE EVACUATION COORDINATOR LIST

<u>Evacuation Coordinators:</u>	<u>Phone Extension</u>	<u>Beeper Number</u>
<u>PRIMARY:</u> - Manny Isom	Ext. 5581	778-5963
Alternate - Bill McAlister	Ext. 3100	778-8176

ATTACHMENT #3

FITNESS FOR DUTY INFORMATION

PERSONS AUTHORIZED TO CALL EMPLOYEES OUT MUST ASK THE FOLLOWING QUESTIONS:

1. Have you consumed alcohol in the last five (5) hours?*
2. What did you have?
3. How much did you have?
4. Can you perform your job unimpaired?
5. Can you drive?

* Employees who acknowledge consumption of alcohol within five (5) hours must be evaluated by supervision upon reporting to work. Evaluation may be by observation or breathalyzer.

If the answer to the first questions is "no", the other questions should not be asked.

These questions apply to ANYONE being called out to work in the protected area of a nuclear station regardless of position or whether his/her name appears on the "duty list".

Documentation of the phone call is not required per the Fitness-for-Duty "rule". However, if the call-out results in a questionable situation, you may want this information documented.