

ONS STATION DIRECTIVE 3.8.5 (TS) (P)

APPROVAL J Ed Smith / MP

DATE 4/6/76

REVISED DATE 7/20/81

DUKE POWER COMPANY

OCONEE NUCLEAR STATION

EMERGENCY PROCEDURE

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PDR ADCK 05000269  
PDR

## I. PURPOSE

This directive provides procedures to be used when responding to station emergencies and for restoring the station to as nearly normal conditions as possible.

## II. REFERENCES

- A. Oconee Nuclear Station Emergency Plan
- B. NUREG-0654, FEMA. - Rep-1, Rev. 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants

## III. DESCRIPTION

It is the intent of this directive to identify preplanned responses necessary to quickly and professionally respond to emergency situations that may arise at Oconee Nuclear Station. By being prepared, the effects of an emergency on the public, station personnel, and station equipment can be minimized and can facilitate quicker, less complicated recovery actions. This directive details emergency response actions in support of the corporate Crisis Management Plan and the Oconee Nuclear Station Emergency Plan.

## IV. EMERGENCY PROCEDURE

- A. Procedure for Individuals at or near an Accident/Emergency

Personnel onsite at Oconee Nuclear Station and outside the control room might find themselves near various accident/emergency situations. These situations could include such as a fire, a vehicle accident, a medical injury, a radiological event, or other unpredictable circumstances. This section of the emergency procedure provides guidance for personnel at or near an accident/emergency site to minimize the effects of the situation and facilitate quick recovery.

### 1.0 Fire

Personnel at the scene of a fire shall:

- 1.1 Report fire to the Shift Supervisor immediately.
- 1.2 Attempt to extinguish the fire with available equipment.
- 1.3 Properly shut down machinery or equipment as necessary, and evacuate personnel not involved in fighting the fire.
- 1.4 If radioactive contamination or radiation is involved, take necessary precautions to prevent the spread of contamination and prevent excessive radiation exposure to personnel.

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## ENCLOSURE E

EMERGENCY TELEPHONE NUMBERS

Oconee Nuclear Station: Seneca, S. C.

## CALL AND DIRECT

NOTE: Telephone notifications of emergencies including emergency tests or drills to the NRC and other off-site agencies are not considered complete until direct voice contacts are made with the responsible representatives of the agencies being notified. The leaving of a message with an agency's telephone operator, secretary, answering service, or message recording device is not considered a completed notification.

Fire

Plant Fire Brigade (Plant Personnel) . . . . . P.A. System

Oconee County Rural Fire System . . . . .

For Woods or Forest Fire, (Oakway Tower) Oconee Co. . . . .

For Woods or Forest Fire, (Woodall Mt. Tower) Pickens Co. . . . .

POLICE

Sheriff's Department:

Oconee County . . . . . 24 Hours . . . . .

Pickens County . . . . . 24 Hours . . . . .

S. C. Highway Patrol (Greenville) . . . . .

SLED (Columbia) ? . . . . .

FBI (Columbia) . . . . .

BOMB DISPOSAL

Explosives Ordinance Disposal Control . . . . .

Fort Jackson  
Columbia, S.C.MEDICAL

Ambulance Service . . . . .

Oconee Memorial Hospital (Emergency Room) . . . . .

ENCLOSURE E

This enclosure provides a listing of telephone numbers for various personnel and agencies that may have a part in dealing with an emergency situation or providing other assistance as needed at Oconee Nuclear Station.

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Revised 6/30/81

## MEDICAL (Cont'd)

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Physicians: Dr. Richardson,  
Oconee Family Practice, P.A. . . . .  
Home . . . . .  
Dr. Carpenter, Office . . . . .  
Home . . . . .  
Dr. Pruitt, Oconee Memorial Hospital . . . . .  
Home . . . . .

## CIVIL DISTURBANCE

(See Fire, Police, Medical)

Duke Power Company District Managers:

Oconee County (Anderson) John Lomax, Office . . . . .  
Home . . . . .  
Pickens County (Greenville) C. E. Hall, Office . . . . .  
Home . . . . .

## RADIATION AND CONTAMINATION

Station Health Physicist, C. T. Yongue (Six Mile), Home . . . . .

Chemist, D. P. Rochester . . . . .

Reacts, Doe, Oak Ridge, Tennessee . . . . .

DOE Emergency Radiological Monitoring Team: (24 hrs.) Aiken, S.C.

Bureau of Radiological Health, S. C. Department of Health and  
Environmental Control (Columbia, S. C.) Normal office hours . . . . .

After normal office hours

Communication Checks:

Director, Heyward G. Shealy . . . . .

N. C. Division of Emergency Management (State Warning  
Point - 24 hr.) . . . . .

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Georgia Department of Natural Resources  
(Environmental Radiation Program) . . . . . 24 hr.

Communication Check:

Bill Cline . . . . .

Jim Setser . . . . .

Georgia Civil Defense - (8-5) - Operations Section . . . . .  
after hours ask for Duty Officer. . . . .

NRC

U. S. NRC, Region II . . . . . 24 hr. .  
OPX and SS-4 Networks

U. S. NRC, Frank Jape (Resident Inspector) . . . . .  
Weekends .

CIVIL DEFENSE AGENCY

Oconee County Emergency Preparedness Agency, Walter B. Purcell  
(24 hr.). . .

Pickens County Director, William D. Evett . . . . .  
(After hours can be contacted through the Sheriff's Office) . . . .

BUS TRANSPORTATION

Oconee County Superintendent, Fred P. Hamilton (0800-1600) . . . . .

Bus Supervisor, Ralph Robinson (0645-1630) . . . . .  
Home . .

NATIONAL WEATHER SERVICE

Greenville-Spartanburg Weather Service . . . . .

For all emergencies requiring immediate notification of personnel outside the Oconee staff, the General Office Operating Section is to be notified in conjunction with the outside personnel/agency notification: Calls are to be directed to the General Office Operating Engineer on duty/on call; utilize current control room posting.

VARIOUS DUKE AND OCONEE PERSONNEL

Station Manager, J. Ed Smith, Clemson, S. C. . . . .

Assistant Station Manager, G. E. Vaughn, Pickens, S. C. . . . .



~~CONFIDENTIAL~~VARIOUS DUKE AND OCONEE PERSONNEL (Cont'd)

Superintendent of Administrative Services (Security) J. T. McIntosh  
Clemson, S. C. . . . .

Superintendent of Operations, J. N. Pope, Seneca, S. C. . . . .

Superintendent of Tech. Services, T. B. Owen, Seneca, S. C. . . .

Superintendent of Maintenance, J. M. Davis, Westminster, S. C. .

Duke Power Company, General Office, Charlotte, N. C. . . . .

CORPORATE STEAM PRODUCTION DEPARTMENT (Charlotte, North Carolina)

Manager, Nuclear Production Division, H. B. Tucker, Office . . .  
Home . . .

Vice President, W. O. Parker, Office . . . . .  
Home . . .

System Health Physicist, Lionel Lewis, Office . . . . .  
Home . . .

Security Officer, P. H. Barton, Office . . . . .  
Home . . .

LOCAL CONTACTS

Clemson University Filter Plant . . . . .

Clemson University Physical Plant Director . . . . .

Clemson University President's Office . . . . .  
Home . . . . .

City of Clemson - Mayor's Office . . . . .  
Home . . . . .

City of Clemson Administrator's Office . . . . .  
Home . . . . .

Municipal Water Supplies (Managers, . . . . .)

Seneca, H. J. Balding, Office . . . . .

Home . . . . .

Clemson. . . . . Filter Plant

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Anderson, 0830-1730 - Ron Thompson (Water Superintendent) . . . .

Home . . . . .

CONTROL ROOM EXTENSIONS

Unit 1 . . . . .

Unit 2 . . . . .

Unit 3 . . . . .

Unit 1 (Alternate) . . . . .

Unit 2 (Alternate) . . . . .

Unit 3 (Alternate) . . . . .



ENCLOSURE F

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OCONEE NUCLEAR STATION

CRISIS COMMUNICATIONS DIRECTORY

The crisis directory is intended for interim use should the Oconee Emergency Plan require implementation. Both station and corporate level telephone numbers are provided. The station's emergency organization will operate from the Technical Support Center near the Control Room of the affected unit. The corporate emergency organization will operate from the Crisis Management Center located in the Visitors Center and Oconee Training Center.

Revision 1, 2/25/81

Revision 2, 6/30/81

OCONEE NUCLEAR STATION  
 CRISIS PHONE DIRECTORY  
TECHNICAL SUPPORT CENTER

<u>Position/Name</u>	<u>Telephone Number</u>	<u>Outside Line</u>	<u>Station Number</u>
Emergency Coordinator J. E. Smith			
Asst. Station Manager G. E. Vaughn			
Supt. of Operations J. N. Pope			
Supt. of Tech. Services T. B. Owen			
Supt. of Maintenance J. M. Davis			
Supt. of Admin. J. T. McIntosh			
NRC Resident Engineer F. Jape			
B&W Resident Engineer B. W. Street L. H. Williams			
Station Health Physicist C. T. Yongue			
Health Physics Center			
Environmental Surveillance Coordinator J. J. Sevic			
Data Evaluation/Report Preparation Supervisor (Off-Site Dose Projection) C. Harlin			
Surveillance and Control Supervisor D. Davidson			

Page 2  
 Technical Support Center  
 Phone Directory

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Telephone Number

Outside  
Line

Station  
Number

Position/Name

Respiratory and Shift Supervisor

Other Useful Numbers - (These persons may or may not be located in TSC,  
 however, their numbers will remain the same.)

Technical Services Group

Performance

T. S. Barr

Licensing and Projects

R. T. Bond

Chemistry

D. P. Rochester

Maintenance Group

Mechanical Maintenance

D. Thompson

I&E Maintenance

R. Adams

Planning and Materials

W. E. Martin

Materials Supervisor

J. E. Sites

Administration Group

Administrative Coordinator

R. Nichols

Training and Safety

D. Austin

Contract Services

J. Binder

Security

Page 3  
 Technical Support Center  
 Phone Directory

Telephone NumberPosition/Name
Outside  
Line
Station  
Number

K-Mac

Operations Support Center

Unit 3 Operations Offices

Units 1 &amp; 2 Kitchen

Unit 3 Kitchen

Telecopier

Units 1 &amp; 2

Unit 3

Shift Supervisor

Units 1 &amp; 2

Unit 3

Operations Support Center (I &amp; E Craftsmen)

Unit 1 &amp; 2 Control Room Lab

Unit 3 Control Room Lab

(Unaffected unit lab serves as I & E support assembly  
 area)

Operations Support Center (Mechanical Maintenance Craftsmen)

Machine Shop (East Wall)

Machine Shop (West Wall)

Warehouse #7 (relocation purposes)

Keowee Hydro Station (relocation purposes)

OCONEE NUCLEAR STATION  
CRISIS PHONE DIRECTORY

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CRISIS MANAGEMENT CENTER

<u>Position/Name</u>	<u>Private Line</u>	<u>Telephone Number</u> 882-5363 ONS Switchboard	882-6150 Training Center <u>Switchboard</u>
Recovery Manager H. B. Tucker			
Alternates:			
W. O. Parker			
R. M. Koehler			
Scheduling/Planning Manager R. W. Bostian			
Alternates:			
F. C. Hayworth			
J. C. Leathers			
Health Physics/Radwaste Manager W. A. Haller			
Alternates:			
R. F. Gray			
M. L. Birch			
R. C. Futrell			
Technical Support Manager K. S. Canady			
Alternates:			
J. L. Elliott			
W. A. Coley			
Design and Construction Support Manager L. C. Dail			
Alternates:			
R. L. Dick			
S. K. Blackley			
C. J. Wylie			
S. B. Hager			

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Page 2  
Crisis Management Center  
Phone Directory

<u>Position/Name</u>	<u>Private Line</u>	<u>Telephone Number</u> 882-5363 ONS <u>Switchboard</u>	882-6150 <u>Training Center</u> <u>Switchboard</u>
Off-Site Radiological Coordinator L. Lewis (Offsite Dose Projection) Alternates: W. P. Deal M. S. Tuckman			
Administration and Logistics Manager J. T. Moore  Alternates: R. F. Smith			
Advisory Support NRC J. P. O'Reilly  Alternate: F. J. Long			
B&W G. M. Olds  Alternate: R. E. Kosiba			
Corporate Headquarters (contact with Governor) A. C. Thies  Alternate: J. D. Hicks			
Data Coordination (Telecopier)			
General Office Support Center:  Health Physics and Radwaste 2390 Wachovia Center  Technical Support 1760 Wachovia Center  Design and Construction Electric Center Third Floor, Room 32			



Page 3  
Crisis Management Center  
Phone Directory

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<u>Position/Name</u>	<u>Private Line</u>	<u>Telephone Number</u> ONS <u>Switchboard</u>	<u>Training Center Switchboard</u>
Public Information Officers			
Oconee County			
Pickens County			
State of South Carolina			

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## OCONEE NUCLEAR STATION

## CRISIS PHONE DIRECTORY

CRISIS NEWS CENTER

<u>Position/Name</u>	<u>Private Line</u>	<u>ONS Switchboard</u>	<u>Telephone Number</u> <u>Training Center Switchboard</u>
Crisis News Director Mary Cartwright			
Alternate: Ira Kaplan			
Commercial News Media (Active Numbers) For drill purposes only			
Commercial News Media (Inactive Numbers) Activated only during an actual emergency			

## NRC HEALTH PHYSICS NETWORK TELEPHONES

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The NRC's Health Physics Network (HPN or Black Phone) connects all Nuclear Power Plants and Fuel Facilities to NRC Regional Offices and to NRC Headquarters Operations Center. The phone is intended to support Health Physics Operations in an emergency but can be used for daily voice traffic and facsimile transmittal.

There are four points at Oconee Nuclear Station which can access the HPN network. The station has jacks for the HPN phones in the Units 1&2 Control Room area, the Unit 3 Control Room area, and in the training center. Any of these 3 phones can be accessed by dialing                      A separate phone that can be accessed by the                      is located in the NRC resident inspectors office.

The phone is used normally with the exception; NO DIAL TONE OR RINGING IS HEARD. In addition, ringing only lasts 30 seconds, so after 30 seconds if the party has not answered, you must hang up and redial.

A complete directory of HPN telephone numbers and services are with each phone. For convenience, the codes most often used are listed below:

<u>HPN Phone</u>	<u>CODE</u>
1. NRC region 2 (Atlanta) office	
2. NRC headquarters	
3. B&W Research Center	
4. Oconee NRC Resident Inspector	
5. Oconee Nuclear Station	
6. <u>All</u> NRC region 2 Resident Inspectors	
7. <u>All</u> region 2 Operating Nuclear Plants	

In addition, the calling party may "conference" any phones during conversation by simply dialing the appropriate code(s). Any number of stations may be added in this manner.

Any problems with this phone system should be reported to Southern Bell in Greenville at

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EMERGENCY OPERATION CENTER

Oconee County

Primary Number (24-hour)

OPERATIONS

Fire Protection

Police

Public Roads

Emergency Medical Service

Rescue Squads

ASSESSMENT

Emergency Welfare Services

Radiological Defense

Damage Assessment

EXECUTIVE GROUP

Supervisor/Chairman County Council

EOC Director

Financial Officer

FNF Representative

EMERGENCY OPERATION CENTER

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Pickens County

Primary Number

EXECUTIVE GROUP

County Administrator

EOC Director

OPERATIONS GROUP

Fire  
Police  
Public Roads  
Rescue Squads  
Emergency Welfare Services  
Radiological Defense  
Damage Assessment

~~CONFIDENTIAL~~ OCONEE NUCLEAR STATION EMERGENCY EVENT RADIO

The call letters WQC699 identify the Emergency Event Radio frequency. The following is a listing of radio locations, unit call letters, and identifiers. Use identifiers only in transmission (For example, message may start with "Control Room to Alpha" and response will be Alpha to Control Room).

ONS Base Station Remotes

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
1. Unit 1&2 Control Room		Control Room
2. Crisis Management Center (Training Center)		
3. Technical Support Center		

Coded Squelch Radios

(Note above 3 Base Stations can activate squelch to the following radios by dialing encoding numbers.)

<u>Location</u>	<u>Encode</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
4. Pickens Co. Civil Defense			Pickens Co.
5. Oconee Co. Civil Defense			Oconee Co.
6. State FEOC - Seneca			State FEOC
7. ALL 3 ABOVE RADIOS MAY BE ACTIVATED BY DIALING ENCODING NO. 30.			

Field Monitoring Teams

<u>Location</u>	<u>Unit Call Letters</u>	<u>Identifier</u>
8. Field Monitor Coordinator		Leader
9. Field Monitor Team		Alpha
10. Field Monitor Team		Bravo
11. Field Monitor Team		Charlie
12. Field Monitor Team		Delta
13. Field Monitor Team		Echo
14. Field Monitor Team		Foxtrot

(NOTE: are backup radio units that may be substituted or supplement field monitoring.)

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

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



## OCONEE EMERGENCY RADIO USE INSTRUCTIONS

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The emergency radio network of the Oconee Nuclear Station (ONS) is specifically limited to use in an emergency event. The radio network will operate to provide:

- 1) back up communications between ONS, Pickens Co. Civil Defense, and Oconee Emergency Preparedness Agency,
- 2) primary communications between ONS field monitoring teams and ONS,
- 3) and, back up ONS internal communications between the Control Room/ Technical Support Center areas and the Crisis Management Center.

The emergency radio network operates on a separate radio frequency than ONS administrative radios. The call letters identify this frequency and will be used at the end of transmission from the base station only.

The emergency radio network utilizes 3 different types of transceivers: encoding transceivers (the ONS Base Remotes), control squelch transceivers (Coded Squelch radios), and open transceivers (the field monitor radios).

Encoding transceivers are units that have a "dialing" mechanism that can "dial" a particular radio for notification of an impending message transmission. One encoding transceiver is permanently located in the Units 1&2 Control Room area. Two other encoding transceivers are available and can be plugged into the system. One of these transceivers is stored in the ONS Training Center intended for use if the Crisis Management Center is activated. This unit can be activated by making the proper AC/DC electrical connections and by connection to an antenna hookup located in 2 classrooms at the training center. (Antenna hookup is preceded by removal and storage of dummy plug presently in the antenna socket.) The other encodable radio transceiver is stored by the Emergency Coordinator at ONS. This radio can be used in the Units 1&2 or Unit 3 Control Room or Technical Support Room areas. Again the unit is activated by proper AC/DC electrical connections and by connection to one of two antenna hookups. (The antenna hookups are in the rooms designated for Health Physics support in the Technical Support Center. Antenna hookup for either place is first preceded by the removal of the "dummy" plug in the Units 1&2 H. P. area's antenna socket.) These 3 radios can dial the control squelch radios.

The control squelch radios are radios that remain silent until a signal to "break" the squelch is given from an encoding transceiver. There are 3 of these units, one each at the following locations, Pickens County Civil Defense, Oconee County Communications Center, and with the Oconee Nuclear Stations Emergency Coordinator. Once the squelch is broken, the units can monitor all traffic (the units can also monitor all traffic if they manually set their units to M monitor function) until the unit is reset.

The field monitoring teams have portable units that have no coding capability.

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SYSTEM NOTES:

The emergency radio system operates at        megahertz (the ONS administrative radio system operates at        megahertz.) The base station remotes are 50 watts, the porta mobile radios are 20 watts, and the hand held units are 5 watts, therefore in assigning radios to the more distant locations, use the porta mobile radios and reserve the hand held units for close to the station.

Radio operations will be in accordance with the Duke Power Co. "Radio Operator's Manual".