

R. A. JONES
Vice President

Duke Power
29672 / Oconee Nuclear Site
7800 Rochester Highway
Seneca, SC 29672

864 885 3158
864 885 3564 fax

December 16, 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 C Revision 2002-13

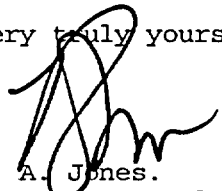
Please find attached for your use and review copies of the revision to the Oconee Nuclear Station Emergency Plan: Volume C Revision 2002-13, December 2002.

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 Rodney Brown, Emergency Planning Manager at 864-885-3301.

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

Very truly yours,


R. A. Jones.
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, GA 30303

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

(w/o Attachments, Oconee Nuclear Station)
NRC Resident Inspector
J. R. Brown, Manager, Emergency Planning

A045

December 16, 2002

OCONEE NUCLEAR SITE
INTRASITE LETTER

SUBJECT: Emergency Plan Implementing Procedures
Volume C, Revision 2002-13

Please make the following changes to the Emergency Plan Implementing Procedures Volume C by following the below instructions.

REMOVE

Cover Sheet - Rev. 2002-12

Table of Contents, Page 1 & 2

RP/0/B/1000/020 - 08/29/02

RP/0/B/1000/029 - 08/01/02

ADD

Cover Sheet Rev. 2002-13

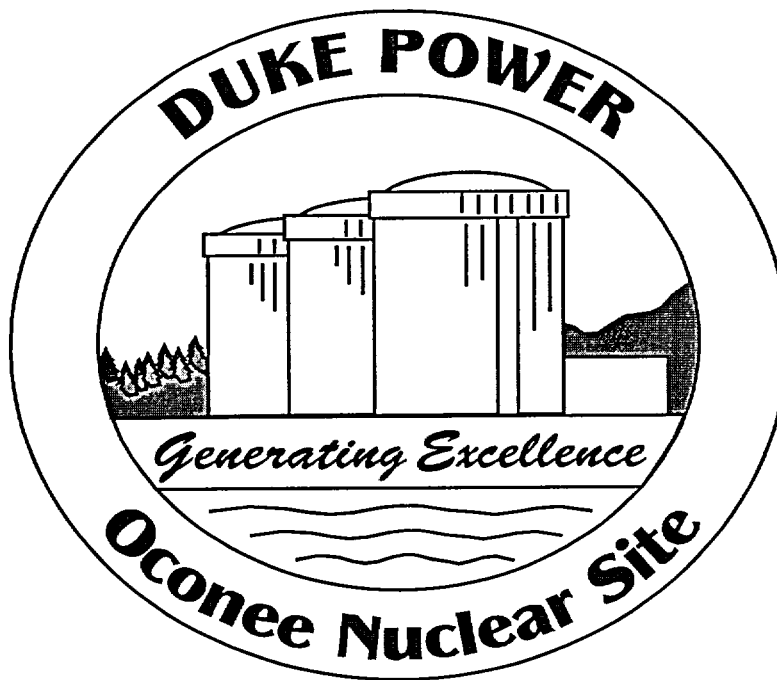
Table of Contents, Page 1 & 2

RP/0/B/1000/020 - 12/11/02

RP/0/B/1000/029 - 11/21/02

DUKE POWER

EMERGENCY PLAN IMPLEMENTING PROCEDURES VOLUME C



APPROVED:

W. W. Foster, Manager
Safety Assurance

12/16/2002

Date Approved

12/16/2002

Effective Date

VOLUME C
REVISION 2002-13
December 2002

VOLUME C
TABLE OF CONTENTS

HP/0/B/1009/018	Off-Site Dose Projections	08/29/02
HP/0/B/1009/020	Estimating Food Chain Doses Under Post Accident Conditions	10/09/98
HP/0/B/1009/021	Source Term Assessment Of A Gaseous Release From Non-Routine Release Points	12/01/97
HP/0/B/1009/022	On Shift Off-Site Dose Projections	08/15/02
RP/0/B/1000/001	Emergency Classification	06/19/02
RP/0/B/1000/002	Control Room Emergency Coordinator Procedure	08/29/02
RP/0/B/1000/003 A	ERDS Operation	12/03/98
RP/0/B/1000/007	Security Event	08/29/02
RP/0/B/1000/009	Procedure For Site Assembly	02/19/02
RP/0/B/1000/010	Procedure For Emergency Evacuation/Relocation Of Site Personnel	04/24/01
RP/0/B/1000/015 A	Offsite Communications From The Control Room	12/11/01
RP/0/B/1000/015 B	Offsite Communications From The Technical Support Center	12/11/01
RP/0/B/1000/015 C	Offsite Communications From The Emergency Operations Facility	12/11/01
RP/0/B/1000/016	Medical Response	09/12/02
RP/0/B/1000/017	Spill Response	11/04/02
RP/0/B/1000/018	Core Damage Assessment	09/30/97
RP/0/B/1000/019	Technical Support Center Emergency Coordinator Procedure	10/14/02
RP/0/B/1000/020	Emergency Operations Facility Director Procedure	12/11/02
RP/0/B/1000/021	Operations Interface (EOF)	11/04/02
RP/0/B/1000/022	Procedure For Site Fire Damage Assessment And Repair	07/16/02
RP/0/B/1000/024	Protective Action Recommendations	11/10/99
RP/0/B/1000/028	Communications & Community Relations World Of Energy Emergency Response Plan	02/17/97

Revision 2002-13
December 2002

VOLUME C
TABLE OF CONTENTS

RP/0/B/1000/029	Fire Brigade Response	11/21/02
RP/0/B/1000/031	Joint Information Center Emergency Response Plan	06/12/00
SR/0/B/2000/001	Standard Procedure For Public Affairs Response To The Emergency Operations Facility	08/07/01
Business Management	Business Management Emergency Plan	10/15/02
SSG Functional Area Directive 102	SSG Emergency Response Plan – ONS Specific	03/01/01
NSC – 110	Nuclear Supply Chain – SCO Emergency Response Plan	04/02/01
Engineering Manual 5.1	Engineering Emergency Response Plan	07/17/02
Human Resources Procedure	ONS Human Resources Emergency Plan	01/07/02
Radiation Protection Manual Section 11.3	Off-Site Dose Assessment And Data Evaluation	04/06/99
Radiation Protection Manual Section 11.7	Environmental Monitoring For Emergency Conditions	11/26/01
Safety Assurance Directive 6.1	Safety Assurance Emergency Response Organization	11/28/94
Safety Assurance Directive 6.2	Emergency Contingency Plan	03/27/00
Training Division	Training Division Emergency Response Guide DTG-007	12/17/01

Revision 2002-13
December, 2002

**INFORMATION
ONLY****Duke Power Company
PROCEDURE PROCESS RECORD**(1) ID No RP/0/B/1000/020Revision No. 007**REPARATION**(2) Station OCONEE NUCLEAR STATION(3) Procedure Title Emergency Operations Facility Director Procedure(4) Prepared By Rodney Brown (Signature) Rodney Brown Date 12/09/2002

(5) Requires NSD 228 Applicability Determination?

☐ Yes (New procedure or revision with major changes)☒ No (Revision with minor changes)☐ No (To incorporate previously approved changes)(6) Reviewed By M. D. Thomas (QR) Date 12-10-02Cross-Disciplinary Review By _____ (QR) NA NOT Date 12-10-02

Reactivity Mgmt Review By _____ (QR) NA _____ Date _____

Mgmt Involvement Review By _____ (Ops Supt) NA _____ Date _____

(7) Additional Reviews

Reviewed By _____ Date _____

Reviewed By _____ Date _____

Temporary Approval (if necessary)

By _____ (OSM/QR) Date _____

By _____ (QR) Date _____

(9) Approved By Rodney Brown Date 12/11/02**PERFORMANCE** (Compare with control copy every 14 calendar days while work is being performed.)

(10) Compared with Control Copy _____ Date _____

Compared with Control Copy _____ Date _____

Compared with Control Copy _____ Date _____

(11) Date(s) Performed _____

Work Order Number (WO#) _____

COMPLETION

(12) Procedure Completion Verification:

☐ Unit 0 ☐ Unit 1 ☐ Unit 2 ☐ Unit 3 Procedure performed on what unit?☐ Yes ☐ NA Check lists and/or blanks initialed, signed, dated, or filled in NA, as appropriate?☐ Yes ☐ NA Required enclosures attached?☐ Yes ☐ NA Data sheets attached, completed, dated, and signed?☐ Yes ☐ NA Charts, graphs, etc. attached, dated, identified, and marked?☐ Yes ☐ NA Procedure requirements met?

Verified By _____ Date _____

(13) Procedure Completion Approved _____ Date _____

(14) Remarks (Attach additional pages)

Duke Power Company Oconee Nuclear Site Emergency Operations Facility Director Procedure Reference Use	Procedure No. RP/0/B/1000/020
	Revision No. 007
	Electronic Reference No. OX002WPH

Emergency Operations Facility Director Procedure

NOTE: This procedure is an implementing procedure to the Oconee Nuclear Site Emergency Plan and must be forwarded to Emergency Planning within three (3) working days of approval.

1. Symptoms

- 1.1 Conditions exist where events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant and activation of the Emergency Response Organization has been initiated.

2. Immediate Actions

- NOTE:**
- Place Keeping Aids: ☐ at left of steps may be used for procedure place keeping (☒). Major events are required to be documented in the EOF Director's log.
 - The EOF must be operational within **75 minutes** of an **Alert** or higher classification (except for security events involving intrusion/attempted intrusion into the site during normal working hours). Turnover may or may not have occurred. Turnover should occur with the TSC at a time that will not decrease the effectiveness of communications with the offsite agencies. {7}
 - Enclosure 3.4, (Emergency Preparedness Acronyms) contains a list of abbreviations.

- ☐ 2.1 Sign in on the EOF Personnel Status Board.
- ☐ 2.2 Initiate a log of major activities and decisions.
- ☐ 2.3 Assure EOFD PA system has been turned on in the telephone room.
- ☐ 2.4 Turn switch to "ALL CALL" for announcements to all rooms.
 - 2.4.1 Select individual room if only one room is to receive announcement.
- ☐ 2.5 Notify the Emergency Coordinator in the TSC of arrival and establish an open phone line.
 - 2.5.1 Dial 66-3921 OR 66-3704 on the 624-4350 line (Reference: Emergency Telephone Directory, page 14). {5}

- ☐ 2.6 **IF** the Emergency Response Organization is being activated after normal working hours due to a security event involving an intrusion/attempted intrusion into site,
THEN notify the Operations Shift Manager (Control Room Emergency Coordinator) of arrival and establish a turnover time. {7}

2.6.1 Dial 9-882-7076 **OR** 66-3271 on the 624-4350 phone.

- ☐ 2.7 Assure access control has been established.

- ☐ 2.8 Make EOF announcement concerning fitness-for-duty.

“Any one who has consumed alcohol within the past five (5) hours, notify either the EOF Director or the appropriate EOF Manager.”

NOTE: During a security event involving an intrusion/attempted intrusion into the site by a hostile force after normal working hours activation of the TSC will be delayed. In this situation it is not required for the EOF/TSC counterparts to make contact. {7}

- ☐ 2.9 Declare the EOF operational when the following positions are filled, and they have contacted their counterpart in the TSC.

2.9.1 Ensure that the following names are listed on the EOF Personnel Status Board.

NAME

EOF Director	_____
Offsite Communications Manager	_____
State/County Communicator	_____
Radiological Assessment Manager	_____
Operations Interface Manager	_____
Access Control Security Guard	_____

- ☐ 2.9.2 EOF Operational Time: _____ {3}

- ☐ 2.10 Contact the Emergency Coordinator at the TSC and inform him that the EOF is operational and will commence gathering plant status information OR contact the OSM and indicate that the EOF is Operational. {7}

2.10.1 IF the OSM is contacted,
THEN GOTO Step 2.12 to conduct turnover with the OSM.

NOTE: If the TSC is able to activated, the following individuals will exchange information. Three separate enclosures will be provided to the EOF Director. These enclosures are a part of RP/0/B/1000/021, (Operations Interface (EOF)), RP/0/B/1000/015C, (Offsite Communications From The Emergency Operations Facility) and RP Manual Section 11.3, (Off-Site Dose Assessment And Data Evaluation)

<u>TSC</u>	<u>EOF</u>
Dose Assessment Liaison	Radiological Assessment Manager
Offsite Communicator	State/County Communicator
EOF Liaison	Operations Interface Manager

- NOTE:**
- EOF Managers will inform the EOFD when information is received.
 - Turnover with the TSC should be initiated **As Soon As Possible**. A goal of **30 minutes** should be used to complete turnover after the EOF is declared *Operational*.

{1}

☐ 2.11 Contact Emergency Coordinator to conduct turnover using the information prepared by the EOF Managers.

- Present emergency classification _____ Time _____

Initial emergency classification _____ Time _____

- Initiating Condition/Unit affected: _____

- Present status of affected unit(s), including significant pieces of equipment out of service.

Improving _____ Stable _____ Degrading _____

Status of unaffected unit(s):

Unit 1 shutdown at _____ or at _____ %power.

Unit 2 shutdown at _____ or at _____ %power.

Unit 3 shutdown at _____ or at _____ %power.

- Equipment out of service: _____

- Emergency Releases: NO _____ YES _____

Airborne ____ Liquid ____ Is occurring ____ Has occurred ____ Time ____

Normal operating limits: Below ____ Above ____

- Protective Action Recommendations:

None _____

Oconee County: _____

Pickens County: _____

Site Evacuation NO _____ YES _____ If yes, where _____

Time of evacuation _____

- Last message number _____ Next message due at _____.

- ☐ 2.11.1 Request Emergency Coordinator to provide periodic updates to the EOFD concerning plant status.
- ☐ 2.11.2 Inform the Emergency Coordinator that the EOFD will provide dose assessment and field monitoring data on a periodic basis.
- ☐ 2.11.3 Record EOF Activation Time: _____
- ☐ 2.12 **IF** the TSC is not activated due to a security event,
THEN contact the OSM at 9-882-7076 **OR** 66-3271 **AND** conduct turnover using the following information (completed with information from the most recent emergency notification form). {7}
- Present Emergency Classification _____ Time of Classification _____
 Initial Emergency Classification _____ Time of Classification _____
 - Initiating Condition/Unit(s) Affected: _____

 - Present status of affected unit(s), including significant equipment out of service.
 Plant Condition: Improving _____ Stable _____ Degrading _____
 Status of affected unit(s):
 Unit 1 shutdown at _____ or at _____ % Power.
 Unit 2 shutdown at _____ or at _____ % Power.
 Unit 3 shutdown at _____ or at _____ % Power.
 Equipment out of service: _____
 - Emergency Releases:
 None _____ Potential _____ Is Occurring _____ Has Occurred _____
 - Protective Action Recommendations:
 None _____
 Oconee County: _____
 Pickens County: _____
 - Last Message Number _____ Next Message due at (time): _____
- ☐ 2.12.1 Request the OSM to provide updates to the EOFD concerning plant status as needed.

☐ 2.12.2 Inform the OSM that the EOFD will provide dose assessment and field monitoring data as needed.

☐ 2.12.3 Record EOF Activation Time: _____

NOTE: TSC remains responsible for all Offsite Notifications required by Title III (Hazardous Materials Spills).

☐ 2.13 Announce to all EOF personnel that the EOF is activated. Provide time of activation and name of EOF Director.

NOTE: For all drills, precede messages with "This is a drill."

Example message:

"May I have your attention please. The EOF is activated as of (time) hours. This is (Name). I am the EOF Director and have taken responsibility for emergency management from the Emergency Coordinator in the Technical Support Center.

The plant status is....."

- ☐ 2.14 Determine that the EOF Managers understand they are responsible for each of the following actions:

NAME

EOF Director _____

- ◆ Emergency Classification
- ◆ Protective Action Recommendations
- ◆ Approval of news releases.

NOTE: News releases may be approved by Public Spokesperson if the news releases only contain information already approved by the EOFD on the notification form.

Offsite Communications Manager _____

- ◆ Notification to offsite agencies.
- ◆ Contact for offsite agency support (i.e.; medical, fire, law enforcement)

Operations Interface Manager _____

- ◆ Emergency classification recommendation
- ◆ Plant status

Radiological Assessment Manager _____

- ◆ Dose Calculations
- ◆ Field Monitoring
- ◆ HPN Communication
- ◆ TSC radio to the EOF operational

NOTE: The following two managers do not have to be in place in a required time frame. Sign off Step 2.12 when the first four managers are identified. Continuation to Step 2.13 should commence while completing this step.

News Director _____

- ◆ Interface with news media.
- ◆ Update of company officers.
- ◆ Update Industry groups. This includes INPO.
- ◆ Provide technical briefers to the SC Emergency Operations Center (SEOC), Pickens Emergency Operations Center (PEOC) and Oconee Emergency Operations Center (OEOC), and the Joint Information Center (JIC). (Note: JIC is in the EOF).

Step 2.14 Continued to next page.

Sites Services Group Manager

- ◆ Update of Duke Power Insurance Department
 - ◆ Access Control
 - ◆ Responsible for any actions relating to Security
 - ◆ Facility equipment repair
 - ◆ Assure 24 hr. Staffing for EOF positions
- ☐ 2.15 Notify SEPD and Oconee and Pickens CEPD that the EOF has assumed turnover from the TSC. This duty may be assigned to the following positions:
- ◆ EOF Logkeeper
 - ◆ Emergency Planning Manager
- 2.15.1 Contact SEPD after each message is transmitted to provide additional information/follow-up.
- ☐ 2.16 Verify with the News Director that the Executive Vice President, Nuclear Generation, has been notified of the emergency status.
- ☐ 2.17 Make an announcement over the EOF PA system requesting persons who are medical first responders or EMT's to register that information with the SSG Manager.
- ☐ 2.18 EOF Director may approve entry of personnel to the Emergency Operations Facility if the individual's training is not current. Each case would be decided on its own merits. Document decision in the EOF Director's log.
- ☐ 2.19 Hold round-table discussions with EOF managers every hour. (Secure timer from procedures cart.)
- ☐ 2.20 Keep EOF personnel updated on changing plant conditions after each round-table discussion. This duty may be assigned to the EOF Logkeeper.
- ☐ 2.21 **REFER TO** Enclosure 3.1, (Emergency Classification Tracking Sheet).

3. Enclosures

- 3.1 Emergency Classification Tracking Sheet
- 3.2 Emergency Classification Termination/Reduction Flowchart
- 3.3 Recovery Guidelines
- 3.4 Emergency Preparedness Acronyms
- 3.5 10 Mile EPZ Map
- 3.6 References

Emergency Classification Tracking Sheet

1. Emergency Classification Tracking

Review emergency classification and verify it meets the criteria of RP/0/B/1000/001, (Emergency Classification). Discuss changing plant conditions with Emergency Coordinator. Discuss classification prior to making recommendation.

- ☐ 1.1 **IF** A General Emergency is/or should be classified,
 THEN **GO TO** Step 4.0 of this Enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).
- ☐ 1.2 **IF** A Site Area Emergency is/or should be classified,
 THEN **GO TO** Step 3.0 of this Enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).
- ☐ 1.3 **IF** An Alert is/or should be classified,
 THEN **GO TO** Step 2.0 of this Enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).

2. Alert

NOTE: If Steps 2.1 and 2.2 are verified to have been completed by the Emergency Coordinator then they may be marked **COMPLETE** on this procedure.

- ☐ 2.1 Discuss need to change classification with the Emergency Coordinator. Determine the following:
 - ◆ Have any medical emergencies occurred? Status? Transported offsite? Where?

NOTE: World Of Energy personnel **must be** evacuated if non-essential site personnel are evacuated.

- ◆ Status of non-essential personnel evacuation
- ◆ Have any chemical spills occurred? If yes, what?
- ◆ Has fire brigade responded to any fires? Has offsite fire department responded?
- ◆ Has a Condition B been determined for a Keowee Hydro Project Dam/Dike? {2}
- ☐ 2.2 Declare an Alert. Notify Offsite Communications Manager to complete an Emergency Notification Form in accordance with RP/0/B/1000/015C, (Offsite Communications From the Emergency Operations Facility), get it approved, and fax to the offsite agencies. (The Alert is officially declared when the Emergency Action Levels for the initiating condition have been exceeded.)
 - 2.2.1 Time of declaration: _____

Enclosure 3.1
Emergency Classification Tracking Sheet

RP/0/B/1000/020
Page 2 of 16

NOTE:

- Message form transmission must begin within **15 minutes** of declaration.
- Condition B for Keowee Hydro Project Dams/Dikes also requires notification of the Georgia Emergency Management Agency and National Weather Service. Remind the EOF Communications Manager to notify these agencies in addition to and after SC State, Oconee County, and Pickens County. {2}

- ☐ 2.3 When the message form is completed and the form has been sent, contact the SEPD at the SEOC. This is in addition to contact by the State/County Communicator.

	<u>NAME</u>	<u>Telephone Numbers</u>
SEPD		<u>8-1(803)737-8500</u>

- ☐ 2.3.1 **IF** the SEOC has **NOT** been activated,
THEN Contact the County Emergency Preparedness Directors (CEPD) to discuss plant status.

Oconee CEPD		<u>8-1(864)638-4200</u>
-------------	--	-------------------------

Pickens CEPD		<u>8-1(864)898-5943</u>
--------------	--	-------------------------

- ☐ 2.3.2 **IF** Condition B at Keowee exists,
THEN Notify Hydro Central (Refer to Section 6 of the Emergency Telephone Directory, Keowee Hydro Project Dam/Dike Notification). {2}{6}

- ☐ 2.4 Notify Emergency Coordinator of change in classification. Request Emergency Coordinator to notify the NRC EOC regarding current emergency classification.

NOTE: Announcements should be made approximately every **30 minutes**. Provide current plant status also.

- ☐ 2.5 Announce the emergency class and the time of classification to EOF personnel.

NOTE: SSG will manage the staffing sheets and route to the EOF Director.

- ☐ 2.6 Evaluate the need for 24-hour staffing and instruct managers to prepare for it if needed. Telephone numbers and staffing sheets are located in the procedures cart.

Emergency Classification Tracking Sheet

- ☐ 2.7 Review emergency classification to determine if it is current and meets the criteria of RP/0/B/1000/001, (Emergency Classification).
 - ☐ 2.7.1 **IF** the emergency classification remains as an Alert,
THEN have the Offsite Communications Manager continue updating the state and counties by message form every **60 minutes**.
 - ☐ 2.7.2 Keep EOF personnel informed concerning plant conditions.
 - ☐ 2.7.3 Keep EC aware of offsite conditions.
 - ☐ 2.7.4 Log actions in the EOF Director's log.
 - ☐ 2.7.5 Remain in this step until plant conditions dictate a change in emergency classification.
- ☐ 2.8 **IF** A Site Area Emergency is determined,
THEN **GO TO** Step 3.0 of this Enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).
- ☐ 2.9 **IF** A General Emergency is determined,
THEN **GO TO** Step 4.0 of this Enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).
- ☐ 2.10 **IF** The termination criteria of Enclosure 3.2, (Emergency Classification Termination Criteria) has been met,
THEN **GO TO** Step 5.0 of this Enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).

Enclosure 3.1
Emergency Classification Tracking Sheet

RP/0/B/1000/020
Page 4 of 16

3. Site Area Emergency

NOTE: If Steps 3.1 and 3.2 are verified to have been completed by the Emergency Coordinator then they may be marked **COMPLETE** on this procedure.

- ☐ 3.1 Discuss need to change classifications with the Emergency Coordinator. Determine the following:

◆ Have any medical emergencies occurred? Status? Transported offsite? Where?

NOTE: World Of Energy personnel **must be** evacuated if non-essential site personnel are evacuated.

- ◆ Status of non-essential personnel evacuation?
- ◆ Have any chemical spills occurred? If yes, what?
- ◆ Has fire brigade responded to any fires? Have offsite fire department responded?
- ◆ Has dam failure for Keowee or Jocassee occurred? Actions taken?
- ◆ Has a Condition B been determined for a Keowee Hydro Project Dam/Dike? {2}

- ☐ 3.2 Declare a Site Area Emergency. Notify Offsite Communications Manager to complete an Emergency Notification Form in accordance with RP/0/B/1000/015C, (Offsite Communications From the Emergency Operations Facility), get it approved, and fax to the offsite agencies. (The Site Area Emergency is officially declared when the Emergency Action Levels for the initiating condition have been exceeded.)

3.2.1 Time of declaration: _____

Enclosure 3.1
Emergency Classification Tracking Sheet

RP/0/B/1000/020
Page 5 of 16

NOTE:

- Message form transmission must begin within **15 minutes** of declaration.
- Condition B for Keowee Hydro Project Dams/Dikes also requires notification of the Georgia Emergency Management Agency and National Weather Service. Remind the EOF Communications Manager to notify these agencies in addition to and after SC State, Oconee County, and Pickens County. {2}

- ☐ 3.3 **IF** Condition A, Dam Failure (Keowee or Jocassee) exists,
 THEN Make the following protective action recommendations to Oconee County and Pickens County for imminent/actual dam failure **AND** include on the Emergency Notification Form under Section 15 (B) and (D):

- ◆ Move residents living downstream of the Keowee Hydro Project dams to higher ground.
- ◆ Prohibit traffic flow across bridges identified on your inundation maps until the danger has passed

- ☐ 3.4 When message form has been sent, contact SEPD. This is in addition to contact by the State/County Communicator.

	<u>NAME</u>	<u>Telephone Numbers</u>
SEPD		<u>8-1(803)737-8500</u>

- ☐ 3.4.1 **IF** the SEOC has **NOT** been activated,
 THEN Contact the County Emergency Preparedness Directors (CEPD) to discuss plant status.

Oconee CEPD		<u>8-1(864)638-4200</u>
-------------	--	-------------------------

Pickens CEPD		<u>8-1(864)898-5943</u>
--------------	--	-------------------------

- ☐ 3.4.2 **IF** Condition B at Keowee exists,
 THEN Notify Hydro Central (Refer to Section 6 of the Emergency Telephone Directory, Keowee Hydro Project Dam/Dike Notification). {2}{6}

- ☐ 3.5 Notify Emergency Coordinator of change in classification. Request Emergency Coordinator to notify the NRC EOC regarding current emergency classification.

NOTE: Announcements should be made approximately every **30 minutes**. Provide current plant status also.

- ☐ 3.6 Announce the emergency class **AND** the time of classification to EOF personnel.

Emergency Classification Tracking Sheet

- ☐ 3.7 **IF** Fire apparatus is needed to provide water to the spent fuel pool,
 THEN Contact the Oconee CEPD to provide sufficient fire apparatus (at least three pumper trucks of 1000 gpm, or greater, capacity) to Oconee Nuclear Site (If available, Keowee Ebenezer, Corinth Shiloh and Keowee Key Rural Volunteer Fire Departments should be requested to provide support). Provide instructions concerning entry to the site.

NOTE: A loss of offsite communications capabilities (Selective Signaling and the WAN) could occur within **1.5 hours** after Keowee Hydro dam failure. Rerouting of the Fiber Optic Network through Bad Creek should be stated **AS SOON AS POSSIBLE**.

- ☐ 3.8 **IF** A Condition A, Keowee Dam failure, exists,
 THEN Request Sites Services Group to notify Telecommunications Group in Charlotte to begin rerouting the Oconee Fiber Optic Network. Refer them to Selective Signaling Section of the Emergency Telephone Directory (page 9).
- ☐ 3.9 Request Radiological Assessment Manager to provide information regarding potential sectors that would be affected should emergency be upgraded to a General Emergency.

NOTE: SSG will manage the staffing sheets and route to the EOF Director.

- ☐ 3.10 Evaluate the need for 24-hour staffing and instruct managers to prepare for it if needed. Telephone numbers and staffing sheets are available in the emergency procedures cart.
- ☐ 3.11 Review emergency classification to determine if it is current and meets the criteria of RP/0/B/1000/001, (Emergency Classification).
- ☐ 3.11.1 **IF** the emergency classification remains as a Site Area Emergency,
 THEN have the Offsite Communications Manager continue updating the counties by message form every **60 minutes**.
- ☐ 3.11.2 Keep EOF personnel informed concerning plant conditions.
- ☐ 3.11.3 Keep EC aware of offsite conditions.
- ☐ 3.11.4 Log actions in the EOF Director's log.
- ☐ 3.11.5 Remain in this step until plant conditions dictate a change in emergency classification.
- ☐ 3.12 **IF** A General Emergency is determined,
 THEN **GO TO** Step 4.0 of this enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).

Emergency Classification Tracking Sheet

- ☐ 3.13 **IF** the termination criteria of Enclosure 3.2, (Emergency Classification Termination Criteria) has been met,
THEN **GO TO** Step 5.0 of this enclosure, (Enclosure 3.1, Emergency Classification Tracking Sheet).
- ☐ 3.14 **IF** the reduction criteria of Enclosure 3.2, (Emergency Classification Termination Criteria) has been met,
THEN **REFER TO** Step 3.16.
- ☐ 3.15 Notify Offsite Communications Manager to complete a message form in accordance with RP/0/B/1000/015C, (Offsite Communications From The Emergency Operations Facility), get it approved, and send it to the offsite agencies.
- ☐ 3.16 When message form has been sent, contact SEPD to discuss emergency classification reduction. This is in addition to contact by the State/County Communicator.

	<u>NAME</u>	<u>Telephone Numbers</u>
	SEPD _____	<u>8-1(803)737-8500</u>
3.16.1	<u>IF</u> the SEOC has <u>NOT</u> been activated, <u>THEN</u> Contact the County Emergency Preparedness Directors (CEPD) to discuss plant status.	
	Oconee CEPD _____	<u>8-1(864)638-4200</u>
	Pickens CEPD _____	<u>8-1(864)898-5943</u>

- ☐ 3.17 Consider the present working copy procedure as being completed since the classification is reduced to an Alert.
- ☐ 3.17.1 Obtain a new working copy of RP/0/B/1000/020, (Emergency Operations Facility Director Procedure) from the procedures cart and **GOTO** Enclosure 3.1, (Emergency Classification Tracking Sheet) Step 2.1.

Enclosure 3.1
Emergency Classification Tracking Sheet

RP/0/B/1000/020
Page 8 of 16

4. General Emergency

NOTE: If Steps 4.1 **AND** 4.2 are verified to have been completed by the Emergency Coordinator then they may be marked **COMPLETE** on this procedure.

- ☐ 4.1 Discuss changing plant conditions **AND** emergency classification with Emergency Coordinator prior to making recommendation. Determine the following:

◆ Have any medical emergencies occurred? Status? Transported offsite? Where?

NOTE: World Of Energy personnel **must be** evacuated if non-essential site personnel are evacuated.

- ◆ Status of non-essential personnel evacuation?
- ◆ Have any chemical spills occurred? If yes, what?
- ◆ Has fire brigade responded to any fires? Have offsite fire departments responded?
- ◆ Has dam failure at Keowee or Jocassee occurred? Actions taken?
- ◆ Has a Condition B been determined for a Keowee Hydro Project Dam/Dike? {2}

NOTE:

- The General Emergency is officially declared at this time.
- Protective Action recommendations are the sole responsibility of the EOF Director. Use input from other managers. Continually review plant status for change in Protective Action Recommendations. Review the requirements of RP/0/B/1000/024, (Protective Action Recommendations).

- ☐ 4.2 Declare a General Emergency. Initial protective action recommendation is to evacuate 2 mile radius and 5 miles downwind.

4.2.1 Time of Declaration: _____

Enclosure 3.1
Emergency Classification Tracking Sheet

RP/0/B/1000/020
Page 9 of 16

NOTE:

- Message form transmission must begin within **15 minutes** of declaration.
- Condition B for Keowee Hydro Project Dams/Dikes also requires notification of the Georgia Emergency Management Agency and National Weather Service. Remind the EOF Communications Manager to notify these agencies in addition to and after SC State, Oconee County, and Pickens County. {2}

- ☐ 4.2.2 Notify Offsite Communications Manager to begin completing a message form in accordance with RP/0/B/1000/015C, (Offsite Communications From The Emergency Operations Facility).
- A. Request Radiological Assessment Manager to determine the exact sectors to be evacuated and sheltered using HP/0/B/1009/018, (Offsite Dose Projections).

NOTE: Enclosure 3.5, (10 Mile EPZ Map), provides a map of the 10 mile EPZ for reference. {8}

- B. Provide the following protective action recommendations for use by the offsite communicator to complete the emergency notification form.

{8}	PICKENS COUNTY							OCONEE COUNTY						
	0-2 mile		2-5 mile			5-10 mile		0-2 mile		2-5 mile			5-10 mile	
	A0	A1	B1	C1	A2	B2	C2	A0	D1	E1	F1	D2	E2	F2
EVACUATE														
SHELTER														

- C. **IF** Condition A, Dam Failure (Keowee or Jocassee) exists,
THEN Make the following protective action recommendations to Oconee County and Pickens County for imminent/actual dam failure and include on the Emergency Notification Form under Section 15 (B) and (D):
- ♦ Move residents living downstream of the Keowee Hydro Project dams to higher ground.
 - ♦ Prohibit traffic flow across bridges identified on your inundation maps until the danger has passed.

Emergency Classification Tracking Sheet

- ☐ 4.3 When message form is completed and the form has been sent, contact SEPD. This is in addition to contact by the State/County Communicator.

Protective Action Recommendation: Read from the approved emergency notification form the protective action recommendations. Provide any known information concerning conditions that would make evacuation dangerous.

- ☐ 4.3.1 **IF** the State Emergency Operations Center has been activated,
THEN contact the SEPD.

NAME

Telephone Numbers

SEPD

8-1(803)737-8500

- ☐ 4.3.2 **IF** the State Emergency Operations Center has **NOT** been activated,
THEN contact the CEPD.

Oconee CEPD

8-1(864)638-4200

Pickens CEPD

8-1(864)898-5943

- ☐ 4.3.3 Request SEPD or CEPD to call back after a decision has been made on actual protective actions recommended by the State and Counties for the plume exposure pathway population.

A. Record below the actions that have been taken by SEPD or CEPD:

B. Information received from : _____ Time: _____

- ☐ 4.4 Notify the Emergency Coordinator of the change in classification **AND** the current protective action recommendations. Request Emergency Coordinator to notify the NRC EOC of the change in emergency classification **AND** the protective action recommendations.

NOTE: Announcements should be made approximately every **30 minutes**. Provide current plant status also.

- ☐ 4.5 Announce the emergency class **AND** the time of classification to EOF personnel. Provide the current protective action recommendations.

Emergency Classification Tracking Sheet

Page 11 of 16

- ☐ 4.6 **IF** Condition B at Keowee exists,
 THEN Notify Hydro Central (Refer to Section 6 of the Emergency Telephone Directory,
Keowee Hydro Project Dam/Dike Notification). {2}{6}
- ☐ 4.7 **IF** Fire apparatus is needed to provide water to the Spent Fuel Pool,
 THEN Contact the Oconee CEPD to provide sufficient fire apparatus (at least three
pumper trucks of 1000 gpm, or greater, capacity) to Oconee Nuclear Site (If
available, Keowee Ebenezer, Corinth Shiloh and Keowee Key Rural Volunteer
Fire Departments should be requested to provide support). Provide instructions
concerning entry to the site.
- ☐ 4.8 Evaluate plant status.
- ☐ 4.8.1 **IF** emergency classification remains as a General Emergency,
 THEN have Offsite Communications Manager continue updating the counties
by message form every **60 minutes**.
- ☐ 4.8.2 Keep EOF personnel informed concerning plant conditions.
- ☐ 4.8.3 Keep EC aware of offsite conditions.
- ☐ 4.8.4 Log actions in the EOF Director's log.
- ☐ 4.8.5 Remain in this step until plant conditions dictate a change in protective action **OR**
emergency classification.
- ☐ 4.8.6 **IF** Additional protective action recommendations are required by
RP/0/B/1000/024, (Protective Action Recommendations),
 THEN GO TO Step 4.9.
- ☐ A. Additional PAR Determination Time: _____ {4}
- ☐ 4.8.7 **IF** The termination criteria of Enclosure 3.2, (Emergency Classification
Termination Criteria) are met,
 THEN GO TO Step 5.0 of this Enclosure, (Enclosure 3.1, Emergency
Classification Tracking Sheet).

NOTE: Transmission of a change in protective action recommendations **must** begin within **15 minutes** of determination.

- ☐ 4.9 Notify Offsite Communications Manager to complete a message form in accordance with RP/0/B/1000/015C, (Offsite Communications From The Emergency Operations Facility) providing the additional protective action recommendations, get it approved, and send it to the offsite agencies.

Emergency Classification Tracking Sheet

- ☐ 4.10 When the message form has been sent, contact SEPD. This is in addition to contact by the State/County Communicator.

Protective Action Recommendation: Read from the approved emergency notification form the protective action recommendations. Provide any known information concerning conditions that would make evacuation dangerous.

- ☐ 4.10.1 **IF** the State Emergency Operations Center has been activated,
THEN contact the SEPD.

NAME

Telephone Numbers

SEPD _____ 8-1(803)737-8500

- ☐ 4.10.2 **IF** the State Emergency Operations Center has **NOT** been activated,
THEN contact the CEPD.

Oconee CEPD _____ 8-1(864)638-4200

Pickens CEPD _____ 8-1(864)898-5943

- ☐ 4.10.3 Request SEPD or CEPD to call back after a decision has been made on actual protective actions recommended by the State and Counties for the plume exposure pathway population.

A. Record below the actions that have been taken by SEPD or CEPD:

B. Information received from : _____ Time: _____

- ☐ 4.11 Notify the Emergency Coordinator of the change in protective action recommendations.

4.11.1 Request Emergency Coordinator to notify the NRC EOC of the change in protective action recommendations.

NOTE: Announcements should be made approximately every **30 minutes**. Provide current plant status also.

- ☐ 4.12 Announce the current protective action recommendation **AND** plant status to EOF personnel.

Emergency Classification Tracking Sheet

☐ 4.13 Evaluate Plant status.

4.13.1 **IF** emergency classification remains as a General Emergency,
THEN have the Offsite Communications Manager continue updating the
counties by message form every **60 minutes**.

☐ 4.13.2 Keep EOF personnel informed concerning plant conditions.

☐ 4.13.3 Keep EC aware of offsite conditions.

☐ 4.13.4 Log actions in the EOF Director's log.

☐ 4.13.5 Remain in this step until plant conditions dictate a change in protective action **OR**
emergency classification.

☐ 4.13.6 **IF** Additional protective action recommendations are required by
RP/0/B/1000/024, (Protective Action Recommendations),
THEN **GO TO** Step 4.14.

☐ A. Additional PAR Determination Time: _____ {4}

☐ 4.13.7 **IF** The termination criteria of Enclosure 3.2, (Emergency Classification
Termination Criteria) are met,
THEN **GO TO** Step 5.0 of this Enclosure, (Enclosure 3.1, Emergency
Classification Tracking Sheet).

<p>NOTE: Transmission of a change in protective action recommendations must begin within 15 minutes of determination.</p>
--

☐ 4.14 Notify Offsite Communications Manager to complete a message form in accordance with
RP/0/B/1000/015C, (Offsite Communications From The Emergency Operations Facility)
providing the additional protective action recommendations, get it approved, and send it to
the offsite agencies.

Emergency Classification Tracking Sheet

- ☐ 4.15 When the message form has been sent, contact SEPD. This is in addition to contact by the State/County Communicator.

Protective Action Recommendation: Read from the approved emergency notification form the protective action recommendations. Provide any known information concerning conditions that would make evacuation dangerous.

- ☐ 4.15.1 **IF** the State Emergency Operations Center has been activated,
THEN contact the SEPD.

	<u>NAME</u>	<u>Telephone Numbers</u>
SEPD	_____	<u>8-1(803)737-8500</u>

- ☐ 4.15.2 **IF** the State Emergency Operations Center has **NOT** been activated,
THEN contact the CEPD.

Oconee CEPD	_____	<u>8-1(864)638-4200</u>
Pickens CEPD	_____	<u>8-1(864)898-5943</u>

- ☐ 4.15.3 Request SEPD or CEPD to call back after a decision has been made on actual protective actions recommended by the State and Counties for the plume exposure pathway population.

A. Record below the actions that have been taken by SEPD or CEPD:

B. Information received from : _____ Time: _____

- ☐ 4.16 Notify the Emergency Coordinator of the change in protective action recommendations.

4.16.1 Request Emergency Coordinator to notify the NRC EOC of the change in protective action recommendations.

NOTE: Announcements should be made approximately every **30 minutes**. Provide current plant status also.

- ☐ 4.17 Announce the current protective action recommendation **AND** plant status to EOF personnel.

Enclosure 3.1
Emergency Classification Tracking Sheet

RP/0/B/1000/020
Page 15 of 16

NOTE: SSG will manage the staffing sheets and route to the EOF Director.

- ☐ 4.18 Evaluate the need for 24-hour staffing and instruct managers to prepare for it if needed. Telephone numbers and staffing sheets are available in the emergency procedures cart.
- ☐ 4.19 **WHEN** termination criteria are met, **GO TO** Step 5.0 of Enclosure 3.1 (Emergency Classification Tracking Sheet).

5. Termination

- ☐ 5.1 **IF** Terminating from an Alert or Site Area Emergency,
THEN **GO TO** Step 5.3.
- ☐ 5.2 **IF** In a General Emergency,
THEN Discuss with the NRC Director of Site Operations (NRCDSO) and the SEPD that the termination criteria have been met.

5.2.1 Secure agreement from the two directors to terminate the event.

5.2.2 Document names and time decision made below.

	<u>NAME</u>	<u>Telephone Numbers</u>	<u>Time</u>
SEPD	_____	<u>8-1(803)737-8500</u>	_____
NRCDSO	_____	(In person in EOF)	_____

- ☐ 5.3 Request Offsite Communications Manager to complete message form and send it in accordance with RP/0/B/1000/015C, (Offsite Communications From The Emergency Operations Facility) to terminate the emergency.

- ☐ 5.4 **IF** terminating from an Alert or a Site Area Emergency,
THEN notify the following agencies.

	<u>NAME</u>	<u>Telephone Numbers</u>
SEPD	_____	<u>8-1(803)737-8500</u>

- 5.4.1 **IF** the SEOC has **NOT** been activated,
THEN contact the County Directors of Emergency Planning (CEPD).

Oconee CEPD _____ 8-1(864)638-4200

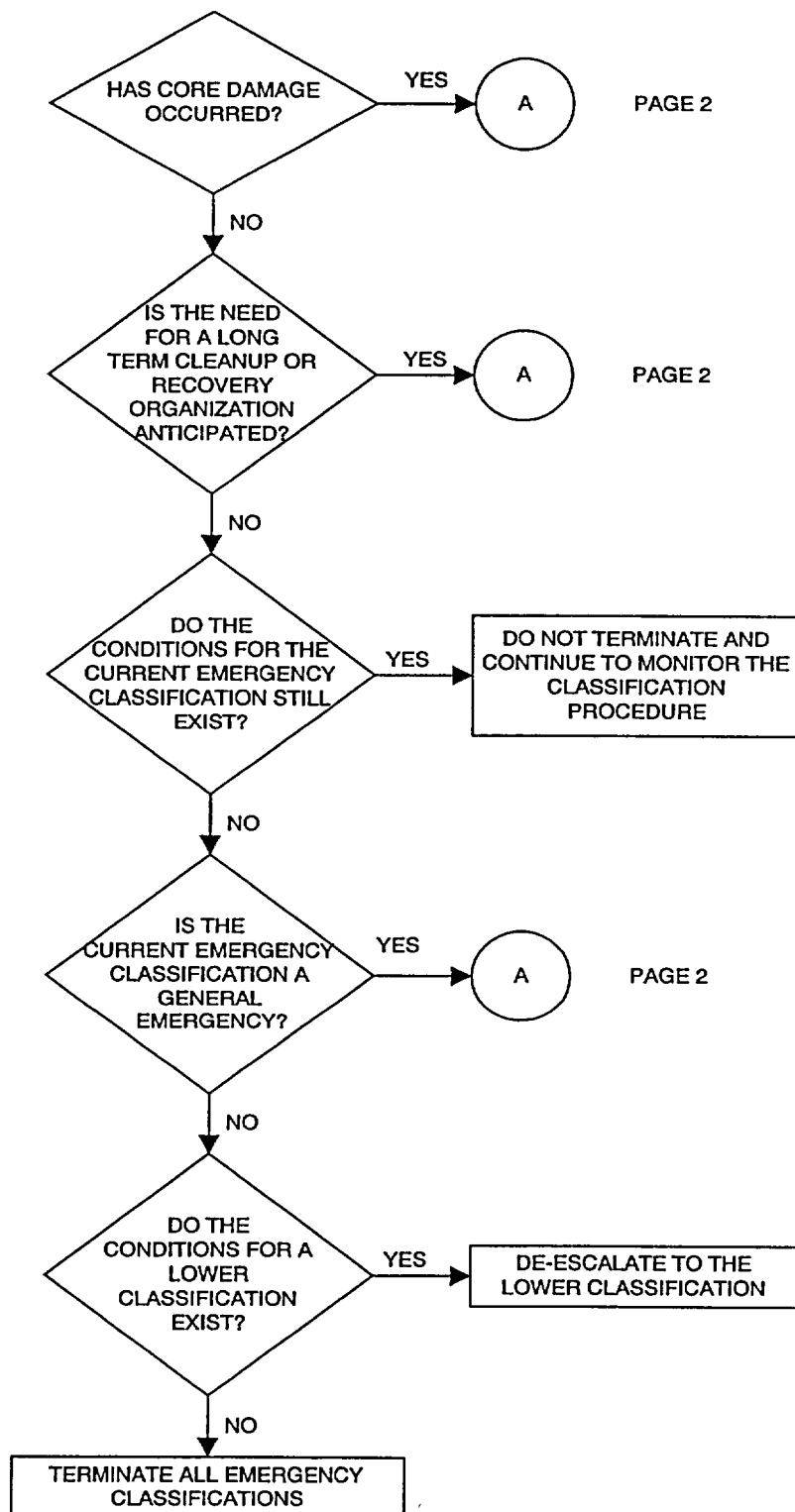
Pickens CEPD _____ 8-1(864)898-5943

Emergency Classification Tracking Sheet

- ☐ 5.5 **IF** terminating from an emergency involving dam failure (Keowee or Jocassee),
 THEN discuss termination with Hydro Central (Refer to Section 6 of the Emergency
 Telephone Directory, Keowee Hydro Project Dam/Dike Notification). {6}
- ☐ 5.6 Establish Recovery Organizations if needed.
- 5.6.1 **GO TO** Enclosure 3.3, (Recovery Guidelines).
- 5.6.2 **IF** Recovery Organizations are **NOT** required,
 THEN GO TO Step 5.7.
- ☐ 5.7 Request Emergency Planning to provide a copy of the License Event Report (LER) to state
 and county agencies at the time it is sent to the NRC.

Enclosure 3.2
Emergency Classification Termination
Criteria

RP/0/B/1000/020
Page 1 of 2



Enclosure 3.2
Emergency Classification Termination
Criteria

RP/0/B/1000/020
Page 2 of 2

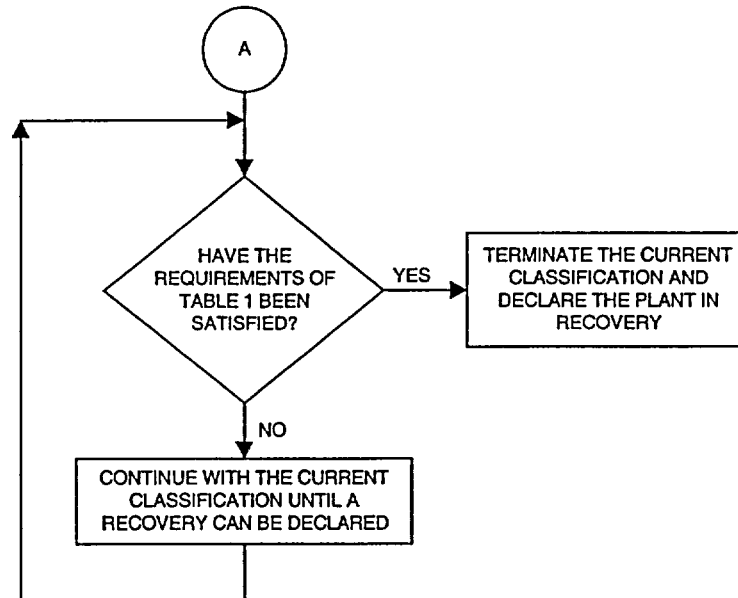


TABLE 1

RECOVERY CONDITIONS	
<input type="checkbox"/>	NO NEW EVACUATION OR SHELTERING PROTECTIVE ACTIONS ARE ANTICIPATED
<input type="checkbox"/>	CONTAINMENT PRESSURE IS LESS THAN DESIGN PRESSURE
<input type="checkbox"/>	CONTAINMENT HYDROGEN LEVELS ARE BEING MAINTAINED WITHIN LIMITS
<input type="checkbox"/>	LONG TERM CORE/DEBRIS COOLING HAS BEEN ESTABLISHED
<input type="checkbox"/>	THE RISKS FROM RECRITICALITY ARE ACCEPTABLY LOW
<input type="checkbox"/>	RADIATION PROTECTION IS MONITORING ACCESS TO RADIOLOGICALLY HAZARDOUS AREAS
<input type="checkbox"/>	OFF-SITE CONDITIONS DO NOT LIMIT PLANT ACCESS
<input type="checkbox"/>	THE NEWS DIRECTOR, NRC OFFICIALS, AND STATE REPRESENTATIVES HAVE BEEN CONSULTED TO DETERMINE THE AFFECTS OF TERMINATION ON THEIR ACTIVITIES
<input type="checkbox"/>	THE RECOVERY ORGANIZATION IS READY TO ASSUME CONTROL OF RECOVERY OPERATIONS

Enclosure 3.3
Recovery Guidelines

RP/0/B/1000/020
Page 1 of 2

1. Recovery Guidelines

The Recovery Manager shall be responsible for the following:

- ☐ 1.1 Make a PA announcement as follows:

“Agreement has been reached between Duke, the State of South Carolina and the NRC that the General Emergency classification is terminated. Recovery Operations are being initiated at the site. Actions are underway to determine when people who have been evacuated from their homes can return. As this information is made available, it will be released to the public.”

- ☐ 1.2 Establish a Recovery Organization to handle offsite consequences.

1.2.1 The offsite recovery organization will stay at the EOF and work with the counties and state if radiological conditions exist beyond the ONS site boundary.

1.2.2 The onsite recovery organization will be established by the Emergency Coordinator.

- ☐ 1.3 Make the following assignments:

Recovery Manager	_____
Radiological Assessment Manager	_____
Field Monitoring Coordinator	_____
Emergency Planning Manager	_____
Sites Services Group Manager	_____

- ☐ 1.4 Assure staffing for long-term operation.

NOTE: Once recovery has been determined, the emergency notification message forms are no longer used.

- ☐ 1.5 Contact the SEPD to discuss work in progress at the EOF and determine communication channels and notifications expected.
- ☐ 1.6 Discuss with each manager the activities they have in progress.

Enclosure 3.3
Recovery Guidelines

RP/0/B/1000/020
Page 2 of 2

- ☐ 1.7 Radiological Assessment Responsibilities
 - 1.7.1 Provide ingestion pathway dose assessments
 - 1.7.2 Provide ongoing communications with DHEC Nuclear Emergency Planning
 - 1.7.3 Evaluate environmental concentrations within the radiological footprint
 - 1.7.4 Provide technical assistance to Joint Information Center
 - 1.7.5 Help plan for reactor building purge as needed
- ☐ 1.8 Emergency Planning Responsibilities
 - 1.8.1 Communications to the State and County Emergency Directors
 - 1.8.2 Review information being released through the news medium
- ☐ 1.9 Sites Services Group Manager Responsibilities
 - 1.9.1 Assure ANI (insurance) is set up for public inquiry
 - 1.9.2 Provide services as required
- ☐ 1.10 Joint Information Center Responsibilities
 - 1.10.1 Providing news releases
 - 1.10.2 Work with media/public to reduce rumors
- ☐ 1.11 Responsibilities of the Site's Outage Manager
 - 1.11.1 Provide Recovery Manager with updates on work in progress at the site
- ☐ 1.12 Keep the Emergency Operations Facility activated and staffed until consensus is reached by Duke and State of South Carolina there is no basis for continuous staffing.
 - ☐ 1.12.1 Record time and date that Emergency Operations Facility/Joint Information Center were closed.

A. EOF/JIC Closed _____
Time/Date

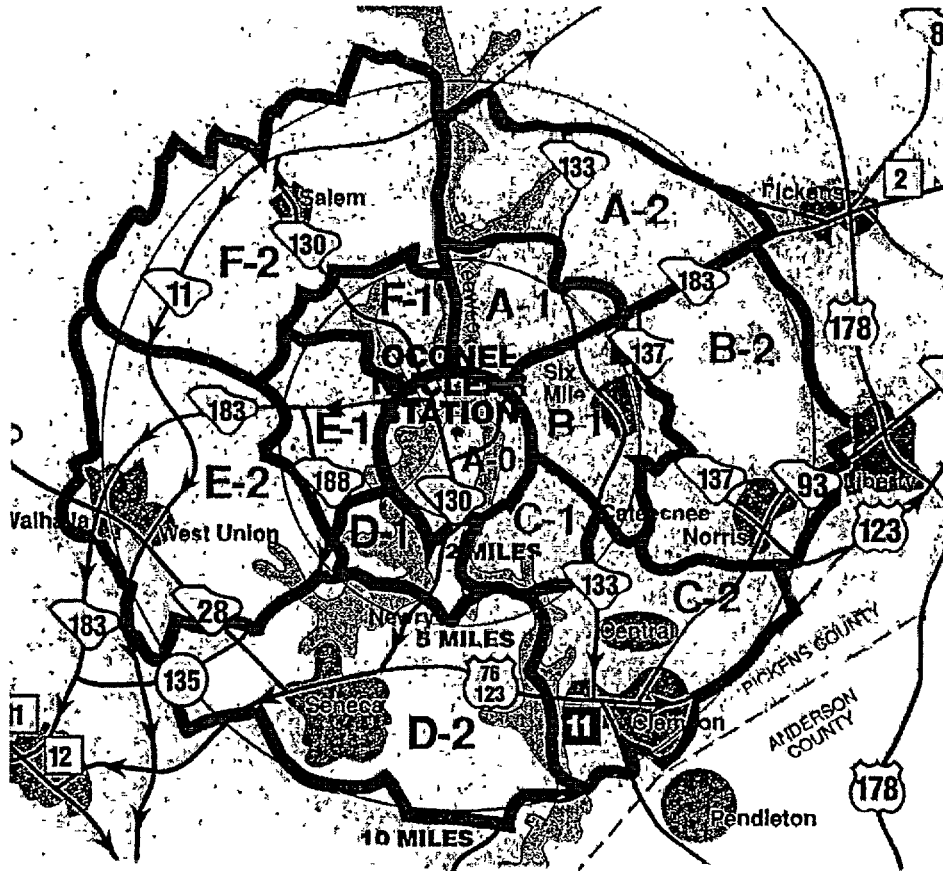
Enclosure 3.4
Emergency Preparedness Acronyms

RP/0/B/1000/020
Page 1 of 1

BSHWM	Bureau of Solid and Hazardous Waste Management
CEPD	County Emergency Preparedness Director/Division
DHEC	Department of Health and Environmental Control
EC	Emergency Coordinator
EOF	Emergency Operations Facility
EOFD	Emergency Operations Facility Director
EPA	Emergency Preparedness Agency
FAX	Facsimile
FEOC	Forward Emergency Operations Center (Clemson)
FTS-2000	NRC Emergency Telephone Communication System
LEC	Law Enforcement Center
NEP	Nuclear Emergency Planning (BSHWM)
NRCDSO	Nuclear Regulatory Commission Director of Site Operations
NRC EOC	Nuclear Regulatory Commission Emergency Operations Center
OSC	Operational Support Center
PAR	Protective Action Recommendations
SCC	State/County Communicator
SEPD	State Emergency Preparedness Director/Division
SEOC	State Emergency Operations Center (Columbia)
SSG	Site Services Group
SWP	State Warning Point
TSC	Technical Support Center

Enclosure 3.5
10 Mile EPZ Map

RP/0/B/1000/020
Page 1 of 1



Radius From Site (miles)	Pickens County Sectors	Oconee County Sectors
0-2	A0	A0
2-5	A-1, B-1, C-1	D-1, E-1, F-1
5-10	A-2, B-2, C-2	D-2, E-2, F-2

Enclosure 3.6
References

RP/0/B/1000/020
Page 1 of 1

1. PIP References

1. PIP O-98-04996
2. PIP O-99-00743
3. PIP O-99-03527
4. PIP O-99-03971
5. PIP O-99-04165
6. PIP O-01-03460
7. PIP O-02-01452
8. PIP O-02-05829

**INFORMATION
ONLY****Duke Power Company
PROCEDURE PROCESS RECORD**(1) ID No. RP/0/B/1000/029Revision No. 006**PREPARATION**(2) Station OCONEE NUCLEAR STATION(3) Procedure Title Fire Brigade Response(4) Prepared By Robert Taylor (Signature) Robert Taylor Date 11/20/02

(5) Requires NSD 228 Applicability Determination?

☐ Yes (New procedure or revision with major changes)☒ No (Revision with minor changes)☐ No (To incorporate previously approved changes)(6) Reviewed By Ray Waterman (QR) Date 11/20/02Cross-Disciplinary Review By _____ (QR) NA RAW Date 11/20/02Reactivity Mgmt Review By _____ (QR) NA RAW Date 11/20/02

Mgmt Involvement Review By _____ (Ops Supt) NA _____ Date _____

(7) Additional Reviews

Reviewed By _____ Date _____

Reviewed By _____ Date _____

(8) Temporary Approval (if necessary)

By _____ (OSM/QR) Date _____

By _____ (QR) Date _____

(9) Approved By Robert Brown Date 11/21/02**PERFORMANCE** (Compare with control copy every 14 calendar days while work is being performed.)

(10) Compared with Control Copy _____ Date _____

Compared with Control Copy _____ Date _____

Compared with Control Copy _____ Date _____

(11) Date(s) Performed _____

Work Order Number (WO#) _____

COMPLETION

(12) Procedure Completion Verification:

☐ Unit 0 ☐ Unit 1 ☐ Unit 2 ☐ Unit 3 Procedure performed on what unit?☐ Yes ☐ NA Check lists and/or blanks initialed, signed, dated, or filled in NA, as appropriate?☐ Yes ☐ NA Required enclosures attached?☐ Yes ☐ NA Data sheets attached, completed, dated, and signed?☐ Yes ☐ NA Charts, graphs, etc. attached, dated, identified, and marked?☐ Yes ☐ NA Procedure requirements met?

Verified By _____ Date _____

(13) Procedure Completion Approved _____ Date _____

(14) Remarks (Attach additional pages)

Duke Power Company
Oconee Nuclear Station

Fire Brigade Response

Reference Use

Procedure No.

RP/0/B/1000/029

Revision No.

006

Electronic Reference No.

OX0091UU

Fire Brigade Response

NOTE: This procedure is an implementing procedure to the Oconee Nuclear Site Emergency Plan and must be forwarded to Emergency Planning within seven (7) working days of approval.

1. Symptoms

- 1.1 Fire, explosions or conditions (smoke, smoldering, burning) associated with a fire have been reported to the Control Room or to the OSC when activated.
- 1.2 This procedure shall provide guidance to shift personnel and Emergency Coordinator for response, actions, and coordination associated with an incident involving real or suspected fires.

2. Immediate Actions

- 2.1 **IF** Fire Brigade response is being considered during routine operations
THEN Go to Enclosure 4.1 (Fire Brigade Response - Routine Operations)
- 2.2 **IF** Fire Brigade response is being considered
AND The OSC/TSC are activated
THEN Go to Enclosure 4.2 (Fire Brigade Response - OSC/TSC Activation).

3. Subsequent Actions

- _____ 3.1 **WHEN** HPSW Pump **NO** longer required perform the following:
 - 3.1.1 Ensure HPSW Pump switch returned to required position per OP/0/A/1104/011 (High Pressure Service Water).
 - 3.1.2 If required reset Mulsifyres per OP/0/A/1104/011 (High Pressure Service Water).
 - 3.1.3 If required close any Fire Hydrant that was opened. {4}
- _____ 3.2 **IF** Fire Brigade equipment or supplies have been used,
THEN Ensure that all equipment is returned to its proper place and consumable supplies are replaced or ordered.

NOTE: Original copies of the Fire Emergency Report can be located in NSD 112, Fire Brigade Organization and Training.

- _____ 3.3 Complete Enclosure 4.3 (Fire Emergency Report).
 - _____ 3.3.1 Forward a copy to the Fire Protection Engineer.
 - _____ 3.3.2 Initiate a PIP if Enclosure 4.3 (Fire Emergency Report) is completed. Include all important information from Enclosure 4.3 (Fire Emergency Report) in PIP.
 - _____ 3.3.3 Forward this procedure to the Emergency Planning Section.
- _____ 3.4 Conduct a post incident critique for events requiring full Fire Brigade activation.

4. Enclosures

- 4.1 Fire Brigade Response - Routine Operations
- 4.2 Fire Brigade Response - OSC/TSC Activation
- 4.3 Fire Emergency Report
- 4.4 Fire Brigade Leader Checklist
- 4.5 Safety Officer's Checklist
- 4.6 References

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029
Page 1 of 8

1. Fire Brigade Response – Routine Operations

- Actions may be followed in any sequence.
- Lines left of procedure steps are used to indicate place in procedure.
- Check marks are acceptable in these blanks.
- Complete the procedure steps that apply to this incident.
- N/A steps not performed.

_____ 1.1 Complete the following with information taken from the caller:

Name/Group of person reporting fire/smoke _____

Location of fire/smoke _____

Equipment/components affected by fire/smoke _____

Time _____ Date _____

Are there people in the immediate area who need to be warned or relocated to a safe area?

Are there any injured people? _____

Call back number _____

_____ 1.2 Notify OSM and STA.

_____ 1.3 Refer to the Fire Plan for the location reported for fire in Step 1.1

_____ 1.3.1 Request support from an unaffected unit. (Refer to Fire Plan SOG #10 for Fire Brigade equipment locations).

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029
Page 2 of 8

NOTE: The Operations Shift Manager (OSM) or designee may activate a full Fire Brigade response without sending someone to investigate first, if deemed necessary. Possible situations that warrant full response could include:

- Multiple reports from individuals
- Multiple alarms,
- Other system indications
- Any other indicators that the Operations Shift Manager deems significant.

_____ 1.4 **IF** Fire is involved or suspected **INSIDE** the protected area

THEN Perform the following:

_____ 1.4.1 Send one operator, with a radio, to the fire/smoke location to perform one of the following:

A. Extinguish the fire (if possible) with portable extinguisher (notify Control Room)

OR

B. **IF** Fire Brigade response is required

THEN Notify Control Room immediately.

_____ 1.4.2 **IF** Fire Brigade response is **NOT** needed

THEN Perform the following:

A. Direct NEO to

- Search affected area for victims
- Activate MERT if required per RP/0/B/1000/016, Medical Response.
- **IF NO** fire was discovered then exit this procedure.
- If fire was discovered then GO TO Step 1.4.8.

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029
Page 3 of 8

- _____ 1.4.3 **IF** A full Fire Brigade response is needed
- THEN** Perform the following:
- A. Direct NEO to:
- Search effected area for victims
 - Evacuate surrounding areas
 - Pre-stage nearby equipment for Fire Brigade
 - Report to Fire Brigade Leader for further instructions
- B. Use plant page to request all Fire Brigade and MERT members to respond to the fire.
1. Include any information, if known, that would be important to Fire Brigade members responding to the incident location. (eg. Hazardous materials, smoke, structural damage, etc.)
 2. Include the statement "All non-Fire Brigade personnel please avoid the _____." (fire location area)
- _____ 1.4.4 Use the following directions to activate radios and pagers.
- A. Transmit "Standby for Emergency Message"
- B. Press the "Instant Call" button labeled "Fire Brigade"
- C. Wait for the red "Transmit" light on the radio to turn off
- D. Transmit message including information, if known, that would be important to Fire Brigade members responding to the staging area (e.g. hazardous materials, smoke, structural damage, etc.).
- _____ 1.4.5 Get staging area location from the Fire Brigade Leader then repeat Steps 1.4.3.B & 1.4.4.
- _____ 1.4.6 Notify SRO to evaluate the need for staging personnel at the SSF.
- _____ 1.4.7 Establish and maintain communications with Fire Brigade Leader to provide assistance as needed. {3}
- A. Available equipment, refer to SOG #10 in the Fire Plan.
- B. Critical equipment in vicinity of fire (Fire Plan)

RP/0/B/1000/029
Page 4 of 8

- | | | |
|------------|----------------|---|
| Dial 9-911 | from Ext. 3271 | Operations Shift Manager's phone |
| Dial 9-911 | from Ext. 2159 | Unit 1 Control Room SRO's phone or |
| Dial 911 | from 882-7076 | Units 1, 2 and 3 Control Rooms, Bell South
lines |

NOTE: These steps are in order of preference.

- NOTE:** HPSW Pump should be started ≤ 30 minutes from start of fire.

- B. Start HPSW Pump per OP/0/A/1104/011 (High Pressure Service Water). {1} {4}
- C. Make a PA announcement to discontinue use of HPSW for non-essential purposes. {1}
- D. Evaluate any Auxiliary Building Flooding Concerns (Refer to Auxiliary Building Flood AP). {2}

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029
Page 5 of 8

_____ 1.4.11 **IF** Fire occurs on backshifts or weekends

AND Additional Fire Brigade support is needed,

THEN Perform the following:

A. Select the off duty shift(s) that will impact the safe operation of the plant the least by being recalled (i.e., shifts other than on coming shift).

_____ A _____ B _____ C _____ D _____ E

B. Call the Switchboard Operator and request them to call the shift(s) selected in Step A.

NOTE: All site phones except for the following are blocked from accessing the public 911 emergency service line.

_____ 1.4.12 **IF** Oconee County Fire Department assistance is needed for manpower or equipment.

THEN Dial 9-911 from Ext. 3271 Operations Shift Manager's phone

Dial 9-911 from Ext. 2159 Unit 1 Control Room SRO's phone

Or

Dial 911 from 882-7076 Units 1 /2 and 3 Control Rooms, Bell South lines

A. Request a response from:

- Keowee Key Fire Department
- Keowee Ebenezer Fire Department
- Corinth-Shiloh Fire Department

B. Instruct the fire department dispatcher to have departments enter the site through the complex entrance of Hwy. 183.

C. Call Security (ext. 2222) and request that they have a Security Officer escort the fire department to the fire location.

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029
Page 6 of 8

- 1.4.13 **IF** Fire is isolated on a building roof or other elevated structure, {5}
- THEN** Dial 9-911 from Ext. 3271 Operations Shift Manager's phone
- Dial 9-911 from Ext. 2159 Unit 1 Control Room SRO's phone
- Or
- Dial 911 from 882-7076 Units 1 /2 and 3 Control Rooms, Bell South lines
- A. Request a response from the Keowee Key Fire Department and the county ladder truck.
- B. Instruct the fire department dispatcher to have departments enter the site through the complex entrance off Hwy. 183.
- C. Call Security (ext. 2222) and request that they have a Security officer escort the fire department to the fire location.

NOTE:

- Offsite fire departments are normally responsible for fire suppression activities outside the Protected Area. The Fire Brigade may provide limited support for a fire outside the Protected Area if resources allow.
- The Fire Plan for Keowee Hydro calls for sending the Fire Brigade to extinguish fires there.
- Security will automatically send a Security Officer to investigate alarms on fire detection systems that are monitored by Security in the PAP. Security will call the emergency line to report the existence of a fire or a need for further investigation by plant personnel as needed.

_____ 1.5 **IF** Fire is involved or suspected **OUTSIDE** the Protected Area,

THEN Call Security (ext. 2222) and request that a Security Officer be dispatched to the suspected fire location to verify fire location and nature of the fire.

Request Security Shift Supervisor to relay information back to the Control Room via the emergency line (4911).

_____ 1.5.1 **IF** Security confirms that there is a fire or the situation has the potential for developing into one,

THEN Send a Fire Brigade Leader and one Fire Brigade Member or the full Fire Brigade if resources allow.

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029

Page 7 of 8

_____ 1.5.2 **IF** The Fire Brigade identifies a fire requiring application of water for extinguishment

THEN Perform the following:

NOTE: These steps are in order of preference.

- A. Perform one of the following:
1. Activate Mulsifyre Transformer No. 3Y [3Y Currently spare] (T-3-B42)
- OR**
2. Activate any one of the following (preferably not loaded or energized):
 - Mulsifyre Transformer CT-1 (T-3-B14)
 - Mulsifyre Transformer No.CT-2 (T-3-D29)
 - Mulsifyre Transformer No.CT-3. (T-3-B42)
- OR**
3. Remove cap and open any fire Hydrant within protected area or switchyard with a 2.5" outlet.

NOTE: HPSW Pump should be started ≤ 30 minutes from start of fire.

- B. Start HPSW Pump per OP/0/A/1104/011 (High Pressure Service Water).
 {1} {4}
- C. Make a PA announcement to discontinue use of HPSW for non-essential purposes. {1}

NOTE: All site phones except for the following are blocked from accessing the public 911 emergency service line.

_____ 1.5.3 **IF** Oconee County Fire Department assistance is needed,

THEN Dial 9-911 from Ext. 3271 Operations Shift Manager's phone

Dial 9-911 from Ext. 2159 Unit 1 Control Room SRO's phone

or

Dial 911 from 882-7076 Units 1/2 and 3 Control Rooms, Bell South line

Enclosure 4.1
Fire Brigade Response - Routine Operations

RP/0/B/1000/029
Page 8 of 8

- _____ 1.5.4 Request a response from:
- Keowee Key Fire Department
 - Keowee Ebenezer Fire Department
 - Corinth-Shiloh Fire Department
- A. Instruct the fire department dispatcher to have departments enter the site through the complex entrance off Hwy 183.
- B. Call Security (ext. 2222) and request that they have a Security Officer escort the fire department to the fire location.

NOTE: Keowee Hydro Station is located in Pickens County. Dialing 9-911 will **NOT** access the Pickens County Fire Dispatch.

_____ 1.5.5 **IF** Six Mile Fire Department assistance is needed for a fire at Keowee Hydro Station,

THEN Call the Pickens County Sheriffs Department (898-5500) and request the response of Six Mile Fire Department to Keowee Hydro Station.

- Call Security (ext. 2222) and request that they have a Security Officer escort the fire department to the fire location.

_____ 1.6 Return to Section 3, Subsequent Actions.

Enclosure 4.2
Fire Brigade Response - OSC/TSC Activation

RP/0/B/1000/029
Page 1 of 7

1. Fire Brigade Response – OSC/TSC Activation

- Actions may be followed in any sequence.
- Lines left of procedure steps are used to indicate place in procedure.
- Check marks are acceptable in these blanks.
- Complete the procedure steps that apply to this incident.
- N/A steps not performed.

____ 1.1 Complete the following with information taken from the Work Control Assistant who received the emergency line call:

Name/Group of person reporting fire/smoke _____

Location of fire/smoke _____

Equipment/components affected by fire/smoke _____

Time _____ Date _____

Are there people in the immediate area who need to be warned or relocated to a safe area?

Are there any injured people? _____

Call back number _____

____ 1.2 Refer to Fire Plan for the location reported for fire in Step 1.1.

____ 1.2.1 Request support from an unaffected unit. (Refer to Fire Plan SOG#10 for Fire Brigade Equipment locations).

Enclosure 4.2
Fire Brigade Response - OSC/TSC Activation

RP/0/B/1000/029
Page 2 of 7

NOTE: The Emergency Coordinator or designee may activate a full Fire Brigade response without sending someone to investigate first, if deemed necessary. Possible situations that warrant full response could include:

- Multiple reports from individuals
- Multiple alarms,
- Other system indications
- Any other indicators that the Emergency Coordinator deems significant.

_____ 1.3 **IF** Fire is involved or suspected **INSIDE** the Protected Area,

THEN Perform one of the following as required.

_____ 1.3.1 Send one operator, with a radio, to the fire/smoke location to perform one of the following:

A. Extinguish the fire (if possible) with portable extinguisher (notify Control Room)

OR

B. **IF** Fire Brigade response is required

THEN Notify OSC SRO immediately.

_____ 1.3.2 **IF** Fire Brigade response is **NOT** needed,

THEN Perform the following:

A. Direct NEO to search affected area for victims

B. Activate MERT if required per RP /0/B/1000/016 (Medical Response)

C. **IF NO** fire was discovered then exit this procedure.

D. If fire was discovered then GO TO Step 1.3.5.

Enclosure 4.2
Fire Brigade Response - OSC/TSC Activation

RP/0/B/1000/029
Page 3 of 7

- _____ 1.3.3 **IF** A full Fire Brigade response is needed,

 THEN Perform the following:
- A. Direct NEO to:
- Search effected area for victims
 - Evacuate surrounding areas
 - Pre-stage nearby equipment for Fire Brigade
 - Report to Fire Brigade Leader for further instructions
- B. Dispatch Fire Brigade Members assigned to the OSC.
- C. Request the OSC Security Manager to have MERT respond along with the Fire Brigade to the fire location.
- _____ 1.3.4 Establish and maintain communications with Fire Brigade Leader to provide assistance as needed. {3}
- A. Available equipment (Refer to SOG #10 in the Fire Plan)
- B. Critical equipment in vicinity of fire (Fire Plan)
- _____ 1.3.5 **IF** Hazardous materials are involved,

 THEN Refer to RP/0/B/1000/017 (Spill Response Procedure).
- _____ 1.3.6 **IF** An oil filled transformer is involved in a fire,

 THEN Request Oconee County Fire Department to dispatch the Keowee Key Fire Department to the site.
- | | | |
|------------|----------------|--|
| Dial 9-911 | from Ext. 3271 | Operations Shift Manager's phone |
| Dial 9-911 | from Ext. 2159 | Unit 1 Control Room SRO's phone or |
| Dial 911 | from 882-7076 | Units 1, 2 and 3 Control Rooms, Bell South lines |
- A. Instruct the fire department dispatcher to have Keowee Key enter the site through the complex entrance off Hw 183.

Enclosure 4.2
Fire Brigade Response - OSC/TSC Activation

RP/0/B/1000/029
Page 4 of 7

_____ 1.3.7 **IF** The Fire Brigade identifies a fire requiring application of water for extinguishment,

THEN Perform the following:

NOTE: These steps are in order of preference.

- A. Perform one of the following:
1. Activate Mulsifyre Transformer No. 3Y [3Y Currently spare] (T-3-B42)
- OR**
2. Activate any one of the following (preferably not loaded or energized):
 - Mulsifyre Transformer CT-1 (T-3-B14)
 - Mulsifyre Transformer No.CT-2 (T-3-D29)
 - Mulsifyre Transformer No.CT-3. (T-3-B42)
- OR**
3. Remove cap and open any fire Hydrant within protected area or switchyard with a 2.5" outlet.

NOTE: HPSW Pump should be started \leq 30 minutes from start of fire.

- B. Start HPSW Pump per OP/0/A/1104/011 (High Pressure Service Water).
 {1} {4}
- C. Make a PA announcement to discontinue use of HPSW for non-essential purposes. {1}
- D. Evaluate any Auxiliary Building Flooding Concerns (Refer to Auxiliary Building Flood AP). {2}

_____ 1.3.8 Notify SRO to evaluate the need for staging personnel at the SSF.

_____ 1.3.9 **IF** Fire occurs on backshifts or weekends
 AND Additional Fire Brigade support is needed,
 THEN Perform the following:

- A. Select the off duty shift(s) that will impact the safe operation of the plant the least by being recalled (i.e., shifts other than on coming shift).

_____ A _____ B _____ C _____ D _____ E

- B. Call the Switchboard Operator and request them to recall the shift(s) selected in Step A.

THEN Request that the Offsite Communicator call and request a fire department response from:

- Keowee Key Fire Department
- Keowee-Ebenezer Fire Department
- Corinth Shiloh Fire Department

- A. Have the Offsite Communicator instruct the fire department dispatcher to have the responding departments to enter the site through the complex entrance off Hwy 183.
- B. Request that a Security officer meet and escort the fire department to the fire location.

1.3.11 **IF** Fire is located on a building roof or other elevated structure, {5}

THEN Request the Offsite Communicator call and request a response from the Keowee Key Fire Dept. and the county ladder truck.

- A. Have the Offsite Communicator instruct the fire department dispatcher to have the responding units to enter the site through the complex entrance off Hwy 183.
- B. Request that a Security officer meet and escort the fire department to the fire location.

- NOTE:**
- Offsite fire departments are normally responsible for fire suppression activities outside the Protected Area. The Fire Brigade may provide limited support for a fire outside the Protected Area if resources allow.
 - The Fire Plan for Keowee Hydro calls for sending the Fire Brigade to extinguish fires there.
 - Security will automatically send a Security Officer to investigate alarms on fire detection systems that are monitored by Security in the PAP. Security will call the emergency line to report the existence of a fire or a need for further investigation by plant personnel as needed.

_____ 1.4 **IF** Fire is involved or suspected **OUTSIDE** the Protected Area,

THEN Request that a Security Officer be dispatched to the suspected fire location to verify the location and status of the fire. Request that information be relayed back to the OSC via the emergency line (4911).

_____ 1.4.1 **IF** Security confirms that there is a fire or the situation has the potential for developing into one,

THEN Send a Fire Brigade Leader and one Fire Brigade Member or the full Fire Brigade if resources allow.

_____ 1.4.2 **IF** The Fire Brigade identifies a fire requiring application of water for extinguishment,

THEN Perform the following:

NOTE: These steps are in order of preference.

- A. Perform one of the following:
1. Activate Mulsifyre Transformer No. 3Y [3Y Currently spare] (T-3-B42)
OR
 2. Activate any one of the following (preferably not loaded or energized):
 - Mulsifyre Transformer CT-1 (T-3-B14)
 - Mulsifyre Transformer No.CT-2 (T-3-D29)
 - Mulsifyre Transformer No.CT-3. (T-3-B42)**OR**
 3. Remove cap and open any fire Hydrant within protected area or switchyard with a 2.5"outlet.

NOTE: HPSW Pump should be started ≤ 30 minutes from start of fire.

B. Start HPSW Pump per OP/0/A/1104/011 (High Pressure Service Water).
{1} {4}

C. Make a PA announcement to discontinue use of HPSW for non-essential purposes. {1}

_____ 1.4.3 **IF** Oconee County Fire Department assistance is needed,

THEN Request that the Offsite Communicator call and request a fire department response from:

- Keowee Key Fire Department
- Keowee-Ebenezer Fire Department
- Corinth Shiloh Fire Department

A. Have the Offsite Communicator instruct the fire department dispatcher to have the responding units to enter the site through the complex entrance off Hwy 183.

B. Request that a Security Officer meet and escort the fire department to the fire location.

NOTE: Keowee Hydro Station is located in Pickens County.

_____ 1.4.4 **IF** Six Mile Fire Department assistance is needed for a fire at Keowee Hydro Station,

THEN Request the Offsite Communicator call the Pickens County Sheriffs Department (898-5500) and request Six Mile Fire Department to respond to Keowee Hydro Station.

- Request that a Security Officer meet and escort the fire department to the fire location.

_____ 1.5 Return to Section 3, Subsequent Actions.

Enclosure 4.3
Fire Emergency Report
FIRE EMERGENCY REPORT

Rp/0/B/1000/029
Page 1 of 1

Station/Location: _____ Date: _____

Location (Unit/Area): _____

Time Discovered: _____ Discovered By: _____

Operations Shift Manager: _____

Evacuation: Yes _____ No _____ Partial _____ Other _____

Fire Brigade Response: Yes _____ No _____

Time Fire Extinguished: _____

List All Fire Protection Equipment Used _____

Operation Satisfactory: Yes _____ No _____ (Use Back For Details)

Equipment Restored For Use: Yes _____ No _____ If no, Explain (Use Back for Details)

Outside Assistance Called: No _____ Yes _____ Agency(s) _____

Area Involved: _____

Point of Origin (If known): _____

Cause (If known) _____

Damage To:

Building _____

Equipment _____

Personal _____

Other _____

Injuries Reported: _____

Briefly Describe What Happened: _____

*Signature of Fire Brigade Leader

*Signature of Operations Shift Manager

*Notify Safety Representative of Fires Involving Personal Injury (Refer to Duty List for after hours).

Enclosure 4.4
Fire Brigade Leader Checklist

RP/0/B/1000/029
Page 1 of 1

TASK	✓
Don Fire Brigade Leader Vest	
Determine Staging Area and Communicate to Control Room <ul style="list-style-type: none"> • Safe accessibility • Minimal distractions • Appropriate vicinity 	
Establish The Following Teams/Priorities: <ul style="list-style-type: none"> • Entry Team - Priority = search & rescue/fight fire • Backup Team - Priority = backup Entry Team/help fight fire • Rapid Intervention Team - Priority = Rescue Fire Fighters (if required) 	
Stress The Following Items With All Teams Prior To Dispatching To Fire: <ul style="list-style-type: none"> • Safety of Team is top priority • Stay with the hose/rescue line <u>at all times</u> • Maintain contact with your team at all times • All teams report to Safety Officer prior to entering fire zone and after exiting fire zone for accountability 	
Assess The Fire: <ul style="list-style-type: none"> • Request CR to dispatch additional resources as required: <ul style="list-style-type: none"> - Off Duty Shifts and/or Offsite Fire Departments - Outside Equipment Truck and/or Equipment Carts - CO2 or Wheeled Dry Chemical Extinguishers - Foam Units • Exposures - Critical Equipment Concerns <ul style="list-style-type: none"> - Above/Below Fire?, Fire/Smoke/Water?, Electrical Hazards? • Report Critical Equipment Concerns to CR for Emergency Plan Consideration 	
Request Location of Nearest Fire Hose Locations From Control Room: <ul style="list-style-type: none"> • Elevation/column # • Communicate locations to teams 	
Request Assistance From RP/Security <ul style="list-style-type: none"> • Request Security At The Scene To Control Access To The Area • If Radiological Concerns Exist, Request CR To Notify RP 	
Refer To Fire Plan As Required: <ul style="list-style-type: none"> • Hazards/Ventilation • Refer To SOG #10 for Fire Brigade equipment locations 	
If Hazardous Materials Involved, Request CR to Dispatch Haz-Mat Team	

Enclosure 4.5
Safety Officer's Checklist

RP/0/B/1000/029
Page 1 of 1

TASK	✓
Don Safety Officer Vest	
Establish Accountability For FB Members <ul style="list-style-type: none">• Name tags/accountability board	
Perform PPE Checks of Fire Fighters <ul style="list-style-type: none">• All skin covered• All turnout gear openings closed• SCBA cylinder full (≥ 4000 psi)• SCBA cylinder valves fully open• PASS device operational	
Log Team Assignments on Accountability Board <ul style="list-style-type: none">• Log time on air• Log entry times• Log team assignments	
Assign MERT Responsibilities <ul style="list-style-type: none">• Stand by with medical equipment• Monitor FB members for signs of heat exhaustion/stress/etc.• Provide drinking water for fire fighters	
Maintain Continuous Contact With Fire Brigade Leader	
Evaluate SCBA Needs <ul style="list-style-type: none">• If required, request CR to have SCBA cylinder fill trailer delivered• If required, request CR to have Spare SCBA cylinders delivered.• If required, request CR to have spare SCBAs (for additional responders) delivered	

References:

- {1} PIP 01-0405
- {2} PIP 99-1286
- {3} PIP 01-1220
- {4} PIP 02-03870
- {5} PIP 02-03489