



JAN 13 2003

SERIAL: BSEP 03-0009

10 CFR 50.54 (q)

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
REVISIONS TO PLANT EMERGENCY PROCEDURES

Ladies and Gentlemen:

In accordance with 10 CFR 50.54(q) and 10 CFR 50, Appendix E, Section V, Progress Energy Carolinas, Inc. is submitting revisions to the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, plant emergency procedures. Progress Energy Carolinas, Inc. has evaluated the revisions, in accordance with 10 CFR 50.54(q), and has determined that the changes do not decrease the effectiveness of the Radiological Emergency Response Plan; and the Plan, as changed, continues to meet the standards of 10 CFR 50.47(b) and the requirements of 10 CFR 50, Appendix E. A list of the revised procedures is provided in Enclosure 1. A summary of the revisions is provided in Enclosure 2. Enclosure 3 contains copies of the revised procedures.

There are no regulatory commitments being made in this submittal. Please refer any questions regarding this submittal to Mr. Gene Atkinson, Supervisor – Emergency Preparedness, at (910) 457-2056.

Sincerely,

Edward T. O'Neil
Manager – Support Services
Brunswick Steam Electric Plant

A 045

Document Control Desk
BSEP 03-0009 / Page 2

TG-T/tg-t

Enclosures:

1. List of Revised Plant Emergency Procedures
2. Summary of Revisions
3. Copies of Revised Procedures

cc (with enclosures):

U. S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Luis A. Reyes, Regional Administrator
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30303-8931

U. S. Nuclear Regulatory Commission
ATTN: Mr. Theodore A. Easlick, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission **(Electronic Copy Only)**
ATTN: Ms. Brenda L. Mozafari (Mail Stop OWFN 8G9)
11555 Rockville Pike
Rockville, MD 20852-2738

U. S. Nuclear Regulatory Commission
ATTN: Mr. Leonard N. Olshan (Mail Stop OWFN 8H12) **(Electronic Copy Only)**
11555 Rockville Pike
Rockville, MD 20852-2738

U. S. Nuclear Regulatory Commission
ATTN: Mr. Allen G. Howe (Mail Stop OWFN 8G9) **(Electronic Copy Only)**
11555 Rockville Pike
Rockville, MD 20852-2738

Ms. Jo A. Sanford
Chair - North Carolina Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
REVISIONS TO PLANT EMERGENCY PROCEDURES

List of Revised Plant Emergency Procedures

Procedure	Revision	Effective Date	Title
OPEP-02.1.1	8	12/17/02	Emergency Control – Notification of Unusual Event, Alert, Site Area Emergency, And General Emergency
OPEP-04.7	4	12/17/02	Brunswick Emergency Notification (Automated Telephone) System

ENCLOSURE 2

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
REVISIONS TO PLANT EMERGENCY PROCEDURES

Summary of Revisions

- A. OPEP-02.1.1, "Emergency Control – Notification of Unusual Event, Alert, Site Area Emergency, And General Emergency," Revision 8:
1. Changed Unusual Event scenario code from "000" to "100" in Section 6.2.1 due to software changes to the Brunswick Emergency Notification (BEN) System.
 2. Reformatted public address announcement into separate paragraph in Section 6.2.2 for user-friendliness and as a human performance enhancement.
 3. Added security threat information in Attachment 1, Site Emergency Coordinator Actions Flow Chart.
 4. Corrected typographical error in Attachment 2, Site Emergency Coordinator Actions Checklist.
- B. OPEP-04.7, "Brunswick Emergency Notification (Automated Telephone) System," Revision 4:
1. Changed "OPEP-Appendix A, Emergency Response Resources" to "EPL-001, Emergency Phone List" in Section 2.3 and Section 8.3 to reflect replacement of Appendix A with EPL-001.
 2. Changed Unusual Event scenario code from "000" to "100" in Section 8.1.1 and Attachment 1, BEN System Activation, to reflect software changes to the BEN System.
 3. Added scenario code for Security Threat in Section 8.1.1 and Attachment 1.
 4. Changed "five" to "fifteen (15)" minutes in Section 8.2 Note and deleted "12" from Section 8.3 to reflect software changes to BEN System.
 5. Corrected typographical error in Attachment 1.

ENCLOSURE 3

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
REVISIONS TO PLANT EMERGENCY PROCEDURES

Copies of Revised Procedures



CAROLINA POWER & LIGHT COMPANY
BRUNSWICK NUCLEAR PLANT

I
Information
Use

PLANT OPERATING MANUAL

VOLUME XIII

PLANT EMERGENCY PROCEDURE

UNIT
0



OPEP-02.1.1

***EMERGENCY CONTROL - NOTIFICATION OF
UNUSUAL EVENT, ALERT, SITE AREA EMERGENCY,
AND GENERAL EMERGENCY***

REVISION 8

TABLE OF CONTENTS

SECTION	PAGE
1.0 PURPOSE	3
2.0 REFERENCES	3
3.0 DEFINITIONS	4
4.0 RESPONSIBILITIES	4
5.0 GENERAL GUIDANCE	5
6.0 INSTRUCTIONS	6
7.0 RECORDS	11
ATTACHMENTS	
1 Site Emergency Coordinator Actions Flow Chart	12
2 Site Emergency Coordinator Actions Checklist	13
3 SEC Turnover/Briefing Worksheet	14
4 General Guidance for Security Threat	18

1.0 PURPOSE

The purpose of this procedure is to define the responsibilities and actions of the Site Emergency Coordinator (SEC) during a declared emergency, including the initial and continued coordination of resources to respond to an emergency on site. This procedure has primary applicability during the initial stages of a classified emergency when the SEC position resides in the Control Room, but the requirements and direction continue to apply throughout an emergency. SEC responsibilities following activation of the Technical Support Center are addressed in OPEP-02.6.26, Activation and Operation of the Technical Support Center (TSC).

2.0 REFERENCES

- 2.1 OPEP-02.1, Initial Emergency Actions
- 2.2 OPEP-02.6.21, Emergency Communicator
- 2.3 OPEP-03.4.7, Automation of Off-Site Dose Projection Procedure
- 2.4 OPEP-03.8.2, Personnel Accountability and Evacuation
- 2.5 EPL-001, Emergency Phone List
- 2.6 EPA-400-R-92-001, Manual of Protective Action Guides and Protective Actions for Nuclear, Incidents, U. S. EPA, May 1992
- 2.7 OPEP-04.7, Brunswick Emergency Notification (Automated Telephone) System
- 2.8 OOI-60, ERFIS Data Display System
- 2.9 OPEP-02.6.28, Off-Site Protective Action Recommendations
- 2.10 OPEP-02.6.26, Activation and Operation of the Technical Support Center (TSC)
- 2.11 OAOP-40.0, Security Events

3.0 DEFINITIONS

- 3.1 Radiological Release - Any unplanned quantifiable discharge to the environment of radioactive effluent attributable to a declared emergency.

4.0 RESPONSIBILITIES

NOTE: *Asterisk - identified items are performed by the EOF when activated.
--

- 4.1 The Site Emergency Coordinator (SEC) is responsible for:

- 4.1.1 Declaration and termination of emergency classifications.
- 4.1.2 Notifying appropriate personnel of the activation of the Site Emergency Coordinator (SEC) position and informing them of plant status.
- 4.1.3 Maintaining a log of all activities.
- 4.1.4 Assignment of a Control Room Emergency Communicator.
- 4.1.5 Notification of Security (SAS) to activate the Brunswick Emergency Notification (BEN) System.
- * 4.1.6 Ensuring immediate and follow-up off-site notifications are made.
- 4.1.7 Ensuring that the Emergency Response Data System (ERDS) is initiated as soon as possible following the declaration of an ALERT or higher. This should be done immediately following the NRC notification and shall not exceed one hour.
- 4.1.8 Direction and coordination of the combined activities of plant personnel in the Control Room, Technical Support Center (TSC), Operational Support Center (OSC) or elsewhere on site when activated.
- * 4.1.9 Approval of news releases.
- 4.1.10 Notification of Chemistry to energize Post Accident Sample System Heat Trace, when conditions warrant.
- 4.1.11 Coordination of plant activities with the Emergency Operations Facility (EOF) when activated.

4.0 RESPONSIBILITIES

- 4.1.12 Activation of the required emergency teams and facilities for the TSC, OSC and EOF.
- 4.1.13 Augmentation of on-shift staff.
- * 4.1.14 Requests for emergency assistance from offsite agencies.
- 4.1.15 Conduct of periodic briefings to emergency response organization personnel.
- 4.1.16 Continuous assessment of emergency conditions for possible reclassification or termination.
- 4.1.17 Perform accident mitigation activities.
- * 4.1.18 Off-site activities of plant emergency response personnel.
- * 4.1.19 Protective action recommendations to off-site authorities.
- 4.2 The Control Room Emergency Communicator (CREC) is responsible to the Site Emergency Coordinator (SEC) for communications in accordance with OPEP-02.6.21, Emergency Communicator.

5.0 GENERAL GUIDANCE

- 5.1 This procedure shall be implemented when an Emergency Action Level (EAL) as described in OPEP-02.1, Initial Emergency Actions, has been met or exceeded.
- 5.2 This procedure shall remain in effect until the emergency has been terminated.
- 5.3 While this procedure is in effect the position of Site Emergency Coordinator will be activated.
- 5.4 The Site Emergency Coordinator shall not delegate the following until the Emergency Response Manager is activated:
 - 5.4.1 the responsibility for protective action recommendations to off-site authorities;
 - 5.4.2 approving Emergency Notification forms (OPEP-02.6.21 Attachment 1); or,

5.0 GENERAL GUIDANCE

5.4.3 approving press/news releases.

5.5 When the EOF is activated, the Emergency Response Manager assumes the responsibility for:

5.5.1 Protective action recommendations to off-site authorities;

5.5.2 approval of Emergency Notification forms (OPEP-02.6.21 Attachment 1);

5.5.3 approval of press/news releases;

5.5.4 off-site communications; and,

5.5.5 environmental monitoring.

5.6 The following activities are sequenced in a progression for the declaration of a Notification of Unusual Event through a General Emergency in the most likely order of priority.

6.0 INSTRUCTIONS

NOTE: Two attachments, a flowchart and a checklist, are provided with this procedure for use as aids in the implementation of emergency plan actions. These attachments are not to be considered as all inclusive and are not intended as stand alone documents. Therefore, the appropriate specific procedures should be referenced to insure satisfaction of all requirements for the emergency conditions.

6.1 Emergency Declaration

6.1.1 Formally declare the appropriate emergency classification as determined by OPEP-02.1, Initial Emergency Actions, and log the event.

6.1.2 **If the emergency is due to a Security threat, then refer to Attachment 4 before proceeding with the following steps.**

6.1.3 Make the following announcement over the plant Public Address (PA) System.

"Attention all personnel. The site is in a(n) (event classification) due to (brief description). The Site Emergency Coordinator is (name)."

6.0 INSTRUCTIONS

- 6.1.4 For Site Area Emergency and General Emergency classifications, sound the site evacuation alarm and make the following additional PA announcement:

"Attention all personnel. All non-essential personnel are to exit the protected area and report to your (primary or alternate) assembly location." (Refer to OPEP-03.8.2, Personnel Accountability and Evacuation)

- 6.1.5 For any Emergency classification, if it is determined that conditions warrant an increased degree of personnel accountability, the SEC may sound the Site Evacuation Alarm; or Building Evacuation Alarms for isolated conditions, and direct the assembly of personnel in accordance with OPEP-03.8.2, Personnel Accountability and Evacuation.

- 6.2 Activate that portion of the emergency response organization necessary to respond to the emergency.

NOTE: When BEN has been initiated at an ALERT or higher for the purpose of activating emergency facilities (i.e., ERO response to the site), it is not necessary to reinitiate BEN for subsequent additional emergency classifications.

- 6.2.1 Notify Security, at the Secondary Alarm Station (SAS), to activate the Brunswick Emergency Notification (BEN) System using the appropriate scenario codes:

- 100 - Unusual Event, facilities will not activate, ERO placed on STANDBY
- 111 - Unusual Event, activates all facilities
- 222 - ALERT, activates all facilities
- 333 - Site Area Emergency (SAE), activates all facilities
- 444 - General Emergency (GE), activates all facilities

- 6.2.2 Notify on-shift personnel to assume their interim (or primary) emergency assignments. Make the following additional PA announcement to activate the onsite emergency facilities:

"Attention all personnel. ERO personnel assigned emergency response duties are to proceed immediately to the TSC, OSC, and EOF, and begin activating their facilities."

6.0 INSTRUCTIONS

- 6.3 Assign a Control Room Emergency Communicator to make immediate notifications.
- 6.4 Make initial notification to State and local governments within 15 minutes of the declaration of the emergency classification. **A General Emergency classification requires the inclusion of a protective action recommendation; provide in accordance with OPEP-02.6.28, Off-Site Protective Action Recommendations.**
- 6.4.1 Complete or direct the completion of an Emergency Notification Form in accordance with OPEP-02.6.21, Emergency Communicator, and approve for transmittal.
- 6.4.2 Conduct follow-up notifications to off-site agencies with a periodicity of 60 minutes (or less), or more frequently if warranted by changing conditions.
- 6.4.3 Any reclassification of an emergency requires notification to State and local governments within 15 minutes of the classification and to the NRC immediately following, but not to exceed 1 hour from classification.
- 6.5 Notify the Nuclear Regulatory Commission (NRC) of the emergency condition immediately following notification to State and local governments, but NRC notification must not exceed 1 hour from the emergency classification.

NOTE: If the declared emergency is the result of an emergency action level requiring a high classification (e.g., Site Area Emergency) that after a brief period is downgraded to a lower classification (e.g. Unusual Event), the off-site notification must indicate the current classification and it must also indicate the period of time that the higher classification existed and the mitigating conditions that caused the emergency classification to be downgraded.

NOTE: For long lasting events caused by natural phenomenon (e.g., hurricane, severe storms, earthquake) regular follow-up notifications to the State and counties MAY BE SUSPENDED, if both of the following criteria are met:

- The State and Counties agree to the suspension; and,
- There is no significant change in plant status

6.0 INSTRUCTIONS

- 6.6 Notify Chemistry to energize the Post Accident Sample System for classifications of a Site Area Emergency or General Emergency and if conditions warrant at an ALERT.
- 6.7 If a radiological release has occurred or the potential exists for a radiological release, implement OPEP-03.4.7, Automation of Off-Site Dose Projection Procedure.
- 6.7.1 A radiological release should be considered occurring when there is a measurable increase in activity beyond that existing prior to the event and the increase is attributable to the event.
- As a minimum, evaluate the following parameters if a release is suspected:
- Main Stack Rad monitors.
 - Reactor Bldg Vent monitors.
 - Turbine Bldg Vent monitors.
 - Onsite/Offsite Field team readings (if available).
- 6.8 Evaluate the need for outside agency assistance and if needed direct the Emergency Communicator to notify the appropriate agencies. All offsite agency response to the site must be coordinated with the Control Room, Security, and the EOF (when activated).
- 6.9 Monitor activation of the emergency facilities, including the notification and response of emergency response organization members to insure facility activation occurs within 75 minutes of the declaration of emergency classification.
- 6.10 Direct AO's not providing immediate support for the Control Room to report to the OSC, upon activation.
- 6.11 Initiate the Emergency Response Data System (ERDS) within 1 hour of the declaration of an ALERT or higher classification. (Reference OI-60)
- 6.12 Make periodic reports over the plant PA system to inform plant personnel of the emergency classification and situation.

6.0 INSTRUCTIONS

- 6.13 Conduct an initial and periodic briefings for emergency organization personnel at 30 - 60 minute intervals or as required by changing conditions and personnel assignments. Briefings should contain the following information:
 - 6.13.1 Current emergency classification.
 - 6.13.2 Current plant status and conditions.
 - 6.13.3 Status of radiological releases or probability of a release.
 - 6.13.4 Status of on-site activities.
 - 6.13.5 Facility habitability and access requirements.
 - 6.13.6 Current radiological conditions, dose projections, and meteorological data.
 - 6.13.7 Status of actions initiated by off-site agencies.
 - 6.13.8 Other information pertinent to the emergency.
- 6.14 Continuously monitor and evaluate plant conditions using OPEP-02.1, Initial Emergency Actions, and compare to EAL criteria for reclassification or termination of the emergency.
- 6.15 Perform accident mitigation activities by evaluating plant conditions, determining appropriate EOP/SAMG mitigation strategies and implementing EOP/SAMG actions.
- 6.16 Review and approve any press/news releases associated with the emergency.
- 6.17 When relinquishing the responsibilities of the Site Emergency Coordinator position (activation of the TSC or position relief) provide a formal turnover briefing on emergency status and notify all appropriate personnel of the position turnover. (Attachment 3, SEC Turnover/Briefing Worksheet).

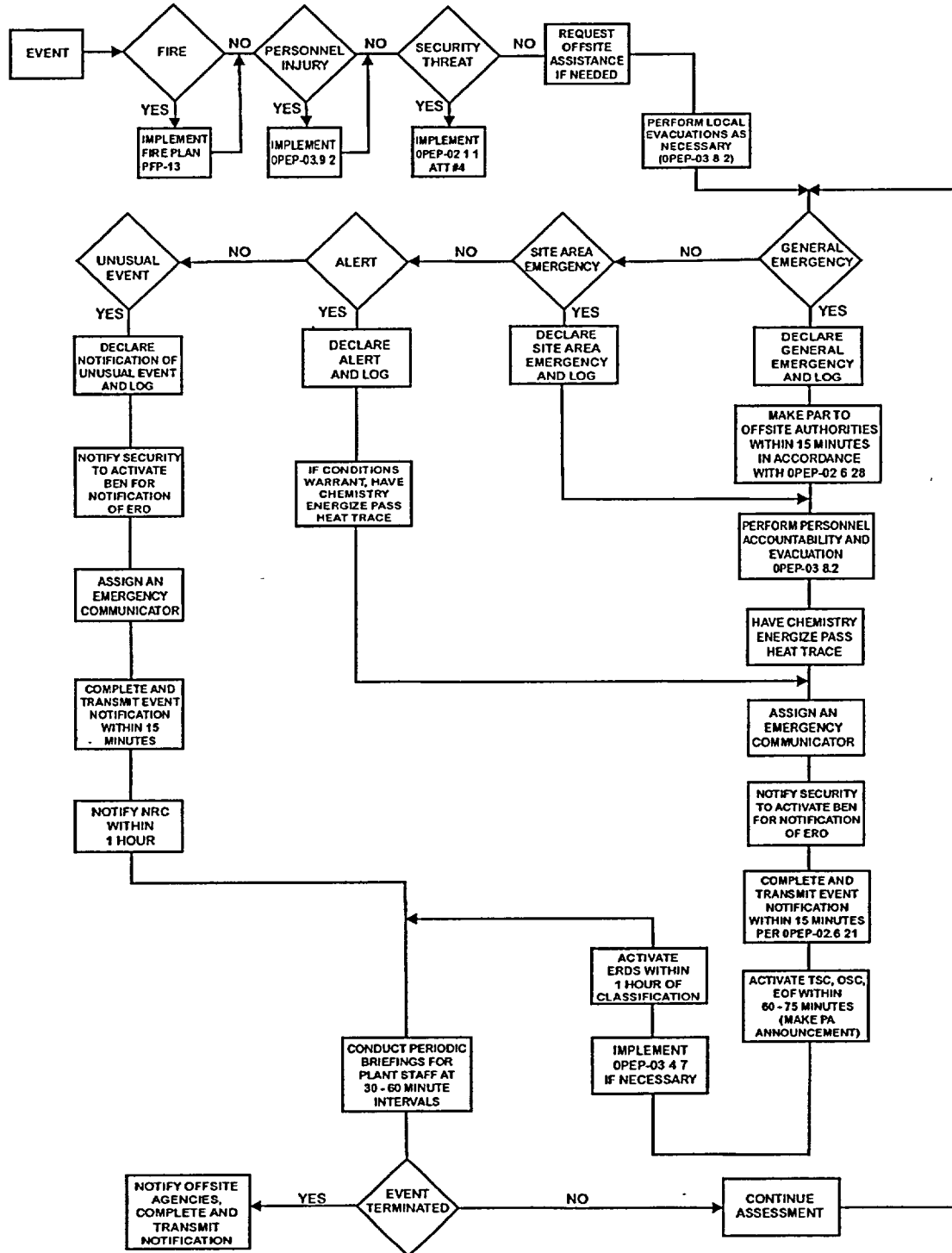
6.0 INSTRUCTIONS

- 6.18 When all EAL criteria are determined to be less than event classification threshold values, coordinate with State and local agencies to terminate the classification and notify the NRC.
 - 6.18.1 If no actions were taken by the State or local agencies in response to the emergency classification (i.e., a Notification of Unusual Event - without facility activation), the event may be terminated and the off-site agencies informed without concurrence to terminate.
- 6.19 Complete and approve an Emergency Notification Form in accordance with OPEP-02.6.21, Emergency Communicator, for transmittal to State and local agencies to terminate the emergency.
- 6.20 Make a PA system announcement to inform plant personnel of event termination and exit this procedure.

7.0 RECORDS

Documentation generated from implementation of this procedure should be forwarded to the Supervisor - Emergency Preparedness for submittal to Document Services for retention.

ATTACHMENT 1
Page 1 of 1
Site Emergency Coordinator Actions Flow Chart



ATTACHMENT 2
Page 1 of 1
Site Emergency Coordinator Actions Checklist

ACTION	UE	ALERT	SE	GE	COMPLETE
Declaration logged and announced	X	X	X	X	
Event notification form complete and approved (OPEP-02.6.21)	X	X	X	X	
Protective Action Recommendations (OPEP-02.6.28)				X	
Emergency Communicator Assigned	X	X	X	X	
NRC notified	X	X	X	X	
Security notified to activate BEN	X	X	X	X	
Activate TSC, OSC, EOF (Make PA announcement)		X	X	X	
ERDS activated (OI-60)		X	X	X	
Chemistry notified to energize PASS heat trace			X	X	
Site accountability and protected area evacuation initiated (OPEP-03.8.2)			X	X	
Dose projection initiated for a radiological release or a potential release (OPEP-03.4.7)		X	X	X	
News Releases Approved	X	X	X	X	

ATTACHMENT 3
Page 1 of 4
SEC Turnover/Briefing Worksheet

A. EMERGENCY CLASSIFICATION STATUS

(CIRCLE): UNUSUAL EVENT ALERT SITE AREA EMERGENCY
GENERAL EMERGENCY

1. INITIATING EVENTS AND EALs EXCEEDED:

**2. STATUS OF EMERGENCY PROCEDURE IMPLEMENTATION AND
MITIGATING ACTIONS**

B. PLANT/REACTOR STATUS (circle): STABLE DEGRADING IMPROVING

1. FISSION PRODUCT BARRIER AND SAFETY SYSTEM STATUS

2. EVOLUTIONS IN PROGRESS

3. RADIOLOGICAL CONDITIONS

RELEASE IN PROGRESS (CIRCLE): YES NO

ATTACHMENT 3
Page 2 of 4
SEC Turnover/Briefing Work Sheet

C. ON-SITE PROTECTIVE ACTIONS

D. OFF-SITE PROTECTIVE ACTIONS

E. OFF-SITE ASSISTANCE REQUESTS

F. OFF-SITE NOTIFICATIONS

G. STATUS OF ERO ACTIVATION

H. STATUS OF OUTSIDE AGENCY MOBILIZATION

ATTACHMENT 3
Page 3 of 4
SEC Turnover/Briefing Work Sheet

A. Emergency Classification Status

1. Initiating Events and EALs exceeded:
 - Cause, history, and initiating events leading to emergency declaration
 - EALs exceeded
2. Status of Emergency Procedure Implementation and Mitigating Actions
 - Status of progress in emergency procedures
 - Corrective actions taken

B. Plant/Reactor Status

Condition/stability of reactor and plant

1. Fission Product Barrier and Safety System Status
 - Fission Product Barrier Status (fuel, RCS, containment)
 - Safety System alignments and status (flow rates, etc.)
2. Evolutions in Progress
 - Control Room activities
 - In plant activities (AOs, I&C, mechanics)
3. Radiological Conditions
 - Known in plant conditions (ARMS, RMS, etc.)
 - Known releases and duration

ATTACHMENT 3
Page 4 of 4
SEC Turnover/Briefing Work Sheet

C. On-Site Protective Actions

- Existing personnel hazards
- Evacuations (local, site) and status of accountability or assembly
- KI Administration (status)

D. Off-Site Protective Actions

- Status of Dose Assessment activities
- PARs made to State/County Agencies

E. Off-Site Assistance Request

- Fire, rescue squad, and law enforcement assistance requested

F. Off-Site Notifications

- Status of notifications made to:
 - State and Counties
 - NRC
 - INPO
 - Any others

G. Status of ERO Activation

- Minimum staffing positions not reporting in to BEN

H. Status of Outside Agency Mobilization

- Any Reports that the State and Counties, NRC, etc., are activating
- Requests from State/Counties/NRC, etc.
- Time/Content of any News Releases

ATTACHMENT 4
Page 1 of 2
General Guidance for Security Threat

A security threat presents unique challenges to protect the health and safety of our workers as well as the public. The following guidelines are intended to aid in decision-making during a Security Threat. Each event will be unique and may require unique solutions.

A. In-progress Threat

- Security will make a PA announcement to direct site personnel to stay low and seek a secure location.
- Assemble minimum TSC, OSC, & EOF staffing at the Brunswick County EOC in Bolivia until safe movement to the plant is assured. This is accomplished by having Security activate the Brunswick Emergency Notification (BEN) System using scenario code 555. Personal pagers should not be utilized.
- EOF personnel (ERM, RCM, or CM as appropriate) should contact the Control Room SEC (reference EPL-001, Emergency Phone List) from the Brunswick County EOC. The purpose is to provide supporting response to the event where possible, and provide communications with federal, state/local officials, and the public, as conditions warrant.
- Activate the JIC at Brunswick Community College.
- When notified that safe movement to the plant is assured, ERO personnel at the Brunswick County EOC should report to their designated emergency response facility (TSC, OSC, EOF) and activate as directed by procedures.
- Make offsite notifications in accordance with OPEP-02.6.21.

B. Imminent Credible Threat (corresponds to Security Emergency and Alert emergency classification)

- Security will make a PA announcement to direct site personnel to take cover in a secure location.
- Assemble minimum TSC, OSC, & EOF staffing at the Brunswick County EOC in Bolivia until safe movement to the plant is assured. This is accomplished by having Security activate the Brunswick Emergency Notification (BEN) System using scenario code 555. Personal pagers should not be utilized.
- EOF personnel (ERM, RCM, or CM as appropriate) should contact the Control Room SEC (reference EPL-001, Emergency Phone List) from the Brunswick County EOC. The purpose is to provide supporting response to the event where possible, and provide communications with federal, state/local officials, and the public, as conditions warrant.
- Activate the JIC at Brunswick Community College.

ATTACHMENT 4
Page 2 of 2
General Guidance for Security Threat

- Establish security, as necessary, at ERO facilities via call to 911.
- When notified that safe movement to the plant is assured, ERO personnel at the Brunswick County EOC should report to their designated emergency response facility (TSC, OSC, EOF) and activate as directed by procedures.
- Make offsite notifications in accordance with OPEP-02.6.21.

C. Non-imminent Credible Threat (corresponds to Security Alert and Unusual Event emergency classification)

- Initiate actions to staff ERO minimum staffing positions in normal Emergency Response Facilities (TSC, OSC, & EOF) and full JIC staffing, using BEN/pagers/PA in accordance with established call-out processes.
- Conduct early dismissal of non-essential personnel from site.
- Make offsite notifications in accordance with OPEP-02.6.21.

REVISION SUMMARY

Revision 8 of OPEP-02.1.1 consists of the following changes:

- Changed Unusual Event scenario code from “000” to “100” in Section 6.2.1 due to software changes to the Brunswick Emergency Notification (BEN) System.
- Reformatted PA announcement into separate paragraph in Section 6.2.2 for user-friendliness and as human performance enhancement.
- Added security threat information in Attachment 1, Site Emergency Coordinator Actions Flow Chart.
- Corrected typographical error in Attachment 2, Site Emergency Coordinator Actions Checklist.



CAROLINA POWER & LIGHT COMPANY
BRUNSWICK NUCLEAR PLANT

I
Information
Use

PLANT OPERATING MANUAL

VOLUME XIII

PLANT EMERGENCY PROCEDURE

UNIT
0



0PEP-04.7

***BRUNSWICK EMERGENCY NOTIFICATION
(AUTOMATED TELEPHONE) SYSTEM***

REVISION 4

TABLE OF CONTENTS

SECTION	PAGE
1.0 PURPOSE	3
2.0 REFERENCES	3
3.0 DEFINITIONS	3
4.0 RESPONSIBILITIES	3
5.0 PREREQUISITES	4
6.0 PRECAUTIONS/LIMITATIONS	4
7.0 SPECIAL TOOLS AND EQUIPMENT	4
8.0 INSTRUCTIONS	5
ATTACHMENTS	
1 BEN System Activation	6
2 Report	7

1.0 PURPOSE

The purpose of this procedure is to provide guidance when activating the Brunswick Emergency Notification [BEN] (Automated Telephone) System. The BEN system will be used to notify and/or call out the Emergency Response Organization during an emergency, drill, or test.

2.0 REFERENCES

- 2.1 The Communicator, User's Guide To The Software, Vendor Manual By the Dialogic Corporation
- 2.2 OPEP-02.6.21, Emergency Communicator
- 2.3 EPL-001, Emergency Phone List

3.0 DEFINITIONS

- 3.1 BEN - Brunswick Emergency Notification (Automated Telephone) System
- 3.2 EAL - Emergency Action Level
- 3.3 ERO - Emergency Response Organization
- 3.4 Emergency Message - Notification of an actual event at the Brunswick Plant.
- 3.5 SAS - Secondary Alarm Station (Security)

4.0 RESPONSIBILITIES

- 4.1 The Site Emergency Coordinator (SEC) is responsible to determine that ERO personnel are to be notified, what information should be provided to them, and what, if any, facilities should be activated. The SEC is responsible to notify the Security SAS Operator to perform necessary ERO notifications.
- 4.2 The SAS Operator is responsible for activating BEN and notifying the Control Room of the immediate results.

4.0 RESPONSIBILITIES

- 4.3 The Emergency Communicator in the Control Room, will ensure ERO personnel have responded to the BEN system or manually call ERO personnel to fill any remaining positions.
- 4.4 The Emergency Preparedness staff is responsible to maintain the BEN system database current.

5.0 PREREQUISITES

- 5.1 The SEC has declared an Emergency Classification and ERO members must be notified according to OPEP-02.6.21 and this procedure.

OR

- 5.2 A drill or test is being conducted which involves ERO members or the BEN system.

6.0 PRECAUTIONS/LIMITATIONS

- 6.1 The BEN system uses preprogrammed scenarios to contact pre-established lists of ERO personnel. The BEN system should be used when emergency response personnel are to be notified to standby or report to an emergency facility.
- 6.2 An Emergency Classification number must be selected that best fits the event.
- 6.3 If for some reason, the BEN system fails to respond, ERO call-out will be done manually per OPEP-02.6.21.
- 6.4 Hanging up during an activation message without being prompted could cause the computer to lock-up a telephone line making the line unavailable for use.

7.0 SPECIAL TOOLS AND EQUIPMENT

- 7.1 Brunswick Emergency Notification System
- 7.2 A touch-tone telephone

8.0 INSTRUCTIONS

8.1 The SEC directs the Security SAS Operator to activate BEN using Attachment 1.

8.1.1 SEC chooses a Emergency Classification number:

100 Unusual Event - No Facilities to Activate

OR

111 Unusual Event - All ERO Facilities to Activate

OR

222 ALERT

OR

333 Site Area Emergency

OR

444 General Emergency

OR

555 Security Threat

8.1.2 The SEC provides the Emergency Classification number to the SAS Operator.

8.2 The SAS Operator activates the BEN system using Attachment 1 from any touch-tone telephone.

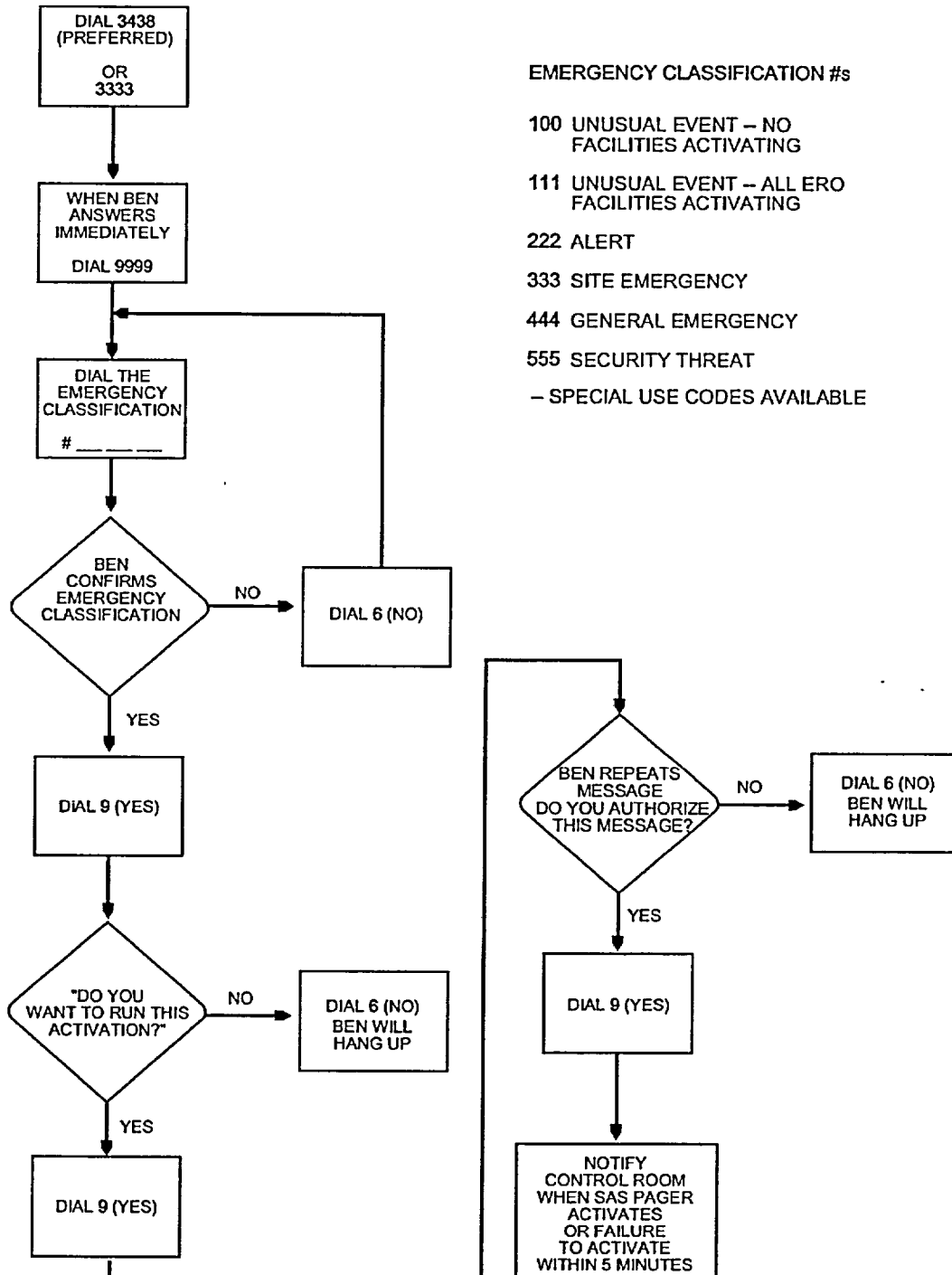
NOTE: Approximately every fifteen (15) minutes the BEN computer will fax a ERO Call Response Report to the Control Room. The report shows ERO personnel who have responded to the BEN system. This report will also be printed on the BEN printer in the EOF Building in Room 136.

8.3 The Control Room Emergency Communicator or designee will use the information from the ERO Call Response Report to complete the ERO Notification Checklist in OPEP-02.6.21, to determine which ERO members are responding. Attachment 2 of this procedure gives an example of the information appearing on the ERO Call Response Report.

8.4 The Control Room Emergency Communicator or designee will manually call ERO personnel to fill any remaining ERO positions still vacant after a reasonable period of time (usually 15 minutes). EPL-001 lists qualified personnel by position with phone numbers.

ATTACHMENT 1
Page 1 of 1
BEN System Activation

NOTE: Hanging up during an activation message prior to BEN activation could cause BEN to lock-up a telephone line.



ATTACHMENT 2

Page 1 of 1

Report

1.0 ERO Call Response Report

- 1.1 This is a generic report that has key items needed for the ERO Notification Checklist in OPEP-02.6.21. This report lists minimum staffing positions that have responded to BEN.

EXAMPLE:

Communicator
Brunswick Nuclear Plant--CP&L
ERO Response Report

Date and Time of this Printout: March 2, 1995 21:17:19

Page: 1

Scenario ID & Description: 777 - Augmentation Drill
Execution Date & Time: March 2, 1995, 21 07:24

Count	Name	ID Code	Team	List	Position	Contacted	Type	Phone Number	Qual	Verf	ETA
1	XXXXX	XXX-XX-XXXX		OSCMC	OSC Mission Coordinator	21:16:55	Home	XXX-XXXX	Y		
2	XXXXX	XXX-XX-XXXX		EP	Emergency Preparedness Rep	:::			Y		
3	XXXXX	XXX-XX-XXXX		RCD	Rad Control Director	:::			Y		
4	XXXXX	XXX-XX-XXXX		E&RCC	E&RC Coordinator in OSC	:::			Y		
5	XXXXX	XXX-XX-XXXX		SEC	Site Emergency Coordinator	:::			Y		
6	XXXXX	XXX-XX-XXXX		ERD	Emergency Repair Director	:::			Y		
7	XXXXX	XXX-XX-XXXX		ERM	Emergency Response Manager	:::			Y		
8	XXXXX	XXX-XX-XXXX		CM	EOF Communications Manager	:::			Y		
9	XXXXX	XXX-XX-XXXX		CM	EOF Communications Manager	:::			Y		
10	XXXXX	XXX-XX-XXXX		DPC	Dose Projection Coordinator	:::			Y		
11	XXXXX	XXX-XX-XXXX		EP	Emergency Preparedness Rep	:::			Y		
12	XXXXX	XXX-XX-XXXX		EP	Emergency Preparedness Rep	:::			Y		
13	XXXXX	XXX-XX-XXXX		RCM	Rad Control Manager	:::			Y		
14	XXXXX	XXX-XX-XXXX		POD	Plant Ops Director	:::			Y		

REVISION SUMMARY

Revision 4 of OPEP-04.7 consists of the following changes:

- Changed "OPEP-Appendix A, Emergency Response Resources" to "EPL-001, Emergency Phone List" in Section 2.3 and Section 8.4 to reflect replacement of Appendix A with EPL-001.
- Changed Unusual Event scenario code from "000" to "100" in Section 8.1.1 and Attachment 1, BEN System Activation, to reflect software changes to Brunswick Emergency Notification (BEN) System.
- Added scenario code for Security Threat in Section 8.1.1 and Attachment 1.
- Changed "five" to "fifteen (15)" minutes in Section 8.2 Note and deleted "12" from Section 8.4 to reflect software changes to BEN System.
- Corrected typographical error in Attachment 1.