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U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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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

Gentlemen:

In accordance with 10 CFR 50.54(q) and 10 CFR 50, Appendix E, Carolina Power & Light (CP&L) Company is submitting revisions to Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, plant emergency procedures. CP&L has evaluated these changes, in accordance with 10 CFR 50.54(q), and has determined that they 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.

CP&L requests that OPEP-Appendix A, "Emergency Response Resources," included as part of Enclosure 3, be withheld from public disclosure in accordance with 10 CFR 2.790(a)(6), since disclosure of this information would constitute a clearly unwarranted invasion of personal privacy.

There are no regulatory commitments being made in this submittal. Please refer any questions regarding this submittal to Mr. Michael Alford, Supervisor - Emergency Preparedness, at (910) 457-2286.

Sincerely,

Warren J. Dorman
Manager - Regulatory Affairs
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A045

KMN/kmn

Enclosures:

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

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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

Listing of Revised Plant Emergency Procedures

Procedure	Revision	Effective Date	Title
OPEP-02.6.12	23	05/31/00	Activation and Operation of the Operational Support Center
OPEP-04.6	21	05/31/00	Radiological Emergency Kit Inventories
OPEP-Appendix A	72	05/31/00	Emergency Response Resources

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-02.6.12, "Activation and Operation of the Operational Support Center," Revision 23:
1. Added titles of Attachments referenced in Sections 3.4, 5.1.3, 5.2.4, and 5.9.1;
 2. Corrected typographical errors in Sections 3, 4, 5, and Attachment 1, "Recommended OSC Layout;"
 3. Reformatted the Emergency Response Organization table in Section 5.0 and updated page numbers;
 4. Added "TSC" prior to "Security Director" in Section 5.2.17;
 5. Deleted "(log, forms, etc)" from the last sentence of Section 5.2.25.2;
 6. Added a reference to the Attachment number in Section 5.2.25.3;
 7. Changed "cart" to "bin" in Sections 5.2.3 and 5.2.4;
 8. Corrected the title of the Radiological Control Communicator in Section 5.4.11;
 9. Added a new Section 5.5.11 to be consistent with the Chemistry Lead responsibilities in Section 4.7.5;
 10. Reworded Section 5.6.5 to clarify requirements for tracking of personnel dispatched from the Control Room;
 11. Updated Attachment 1;
 12. Added a requirement for an additional planner on page 5 of Attachment 2, "OSC Staff Personnel Status Log Sheet;"
 13. Changed "Simulator area of EOF" to "Simulator area of TSC/EOF Building" in Attachment 4; and
 14. Updated Form OPEP-02.6.12-1, "Mission Authorization Form."
- B. OPEP-04.6, "Radiological Emergency Kit Inventories," Revision 21:
1. Updated information for radiological emergency kit inventories;
 2. Deleted the requirement to notify Security to inspect and seal containers and cabinets in Attachment 3, "Technical Support Center Emergency Kit," and Attachment 11, "Checklist for Respiratory Protection Equipment;" and
 3. Revised wording in Attachment 11 regarding the inspection tags for respiratory protection from "change out" to "update."

- C. OPEP-Appendix A, "Emergency Response Resources," Revision 72, updated Emergency Response Organization listings.

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

PLANT OPERATING MANUAL

VOLUME XII

PLANT EMERGENCY PROCEDURE

**SELECT
DISTRIBUTION**UNIT
0**OPEP-02.6.12****ACTIVATION AND OPERATION OF THE
OPERATIONAL SUPPORT CENTER**

REVISION 23

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1.0 PURPOSE

This procedure describes responsibilities of the Operational Support Center (OSC) staff and the normal work control process for managing repairs and monitoring activities during an emergency.

2.0 REFERENCES

- 2.1 OPEP-02.6.26, Activation and Operation of the Technical Support Center (TSC)
- 2.2 OPEP-03.7.6, Emergency Exposure Controls
- 2.3 OPEP-03.7.7, On-Site Radiological Controls
- 2.4 OPEP-03.8.2, Personnel Accountability and Evacuation
- 2.5 OPEP-03.9.2, First Aid and Medical Care
- 2.6 OPEP-03.9.6, Search and Rescue
- 2.7 OPEP-04.6, Radiological Emergency Kit Inventories
- 2.8 OPEP-04.2, Emergency Facilities and Equipment
- 2.9 NUREG-0654 Table B-1, Minimum Staffing Requirements

3.0 GENERAL INFORMATION

- 3.1 The primary function of the OSC is to facilitate In-Plant repair and assessment activities.
- 3.2 The OSC will be activated at an Alert declaration or higher, or at the discretion of the Site Emergency Coordinator (SEC).
 - 3.2.1 Activation of the OSC must occur within 60 - 75 minutes following the declaration of an ALERT or higher emergency classification.
- 3.3 The OSC receives direction from the Technical Support Center (TSC) concerning repair activities and priorities.
- 3.4 In the event that the OSC can no longer meet habitability requirements, the OSC can be relocated to the simulator area of the Training Building. See Attachment 4, OSC Relocation Checklist, and Attachment 5, Alternate OSC.

3.0 GENERAL INFORMATION

- 3.5 OSC maintains full accountability for personnel dispatched from the OSC.
- 3.6 All personnel reporting to the OSC will "card in" on the OSC card reader located on the west wall outside of the OSC command room.
- 3.7 OAP-50 Communications should be used during all event mitigating activities. "Attention In the OSC" should be used during OSC briefings to ensure pertinent information is heard and understood. OSC personnel should hold all phone calls and conversations during briefings, unless it is a priority communication.
- 3.8 Fire Brigade response will be dispatched immediately without going through the mission authorization process. Accountability will be maintained via the Incident Commander, and HP support will be provided via the E&RC Coordinator.

4.0 RESPONSIBILITIES

4.1 Emergency Repair Director (ERD)

- 4.1.1 Manage OSC activities to ensure accident mitigation activities are performed in a safe and expeditious manner.
- 4.1.2 Coordinate with TSC staff to establish priorities for repair and maintenance activities.
- 4.1.3 Maintain command and control of OSC activities.
- 4.1.4 Provide technical and administrative direction for repair activities.
- 4.1.5 Report status of repair activities to the TSC.
- 4.1.6 Provide liaison between TSC and OSC.
- 4.1.7 Brief OSC personnel on plant status, conditions, and emergency activities and levels.
- 4.1.8 Designate an individual to act as Assistant Emergency Repair Director (AERD), as needed.

4.0 RESPONSIBILITIES

4.2 Assistant Emergency Repair Director (AERD)

- 4.2.1 Assist ERD in performance of his duties.
- 4.2.2 Act for the ERD in his absence.
- 4.2.3 Ensure the OSC Mission Tracking Board is maintained.

4.3 Operational Support Center Mission Coordinator (OSCMC)

- 4.3.1 Coordinate maintenance emergency repair efforts.
- 4.3.2 Report maintenance emergency activities and receive ERDs direction and priorities.
- 4.3.3 Ensure priorities are clearly understood.
- 4.3.4 Maintain accountability for personnel entering and exiting OSC.
- 4.3.5 Identify to the ERD those parts, tools, and support needs which are not available on site and which are needed to support mission repairs.
- 4.3.6 Organize, brief, and dispatch emergency repair teams upon direction from the ERD.
- 4.3.7 Ensure emergency repair teams have proper procedures, tools, and protective equipment prior to entry into plant.
- 4.3.8 Track status of repair mission activities and provide status to ERD.
- 4.3.9 Debrief emergency repair teams upon return.
- 4.3.10 Designate an individual to act as Assistant Operational Support Center Mission Coordinator (AOSCMC), as needed.

4.4 Assistant OSC Mission Coordinator (AOSCMC)

- 4.4.1 Assist the OSCMC in the performance of his duties.
- 4.4.2 Assume duties of OSC Mission Coordinator in his absence.

4.0 RESPONSIBILITIES

4.5 Environmental & Radiation Control Coordinator (E&RC)

- 4.5.1 Report radiological information to the Radiological Control Director (RCD), ERD, and OSCMC.
- 4.5.2 Dispatch HP personnel to the Control Room, TSC, and EOF to serve as habitability technicians.
- 4.5.3 Provide appropriate Health Physics (HP) coverage for missions.
- 4.5.4 Ensure habitability surveys are periodically performed in the OSC and other locations that require continuous occupation for emergency response activities.
- 4.5.5 Direct the issue of dosimetry and protective equipment.
- 4.5.6 In coordination with the RCD issue an emergency RWP for the emergency, in accordance with OPEP-03.7.7, On-Site Radiological Controls.
- 4.5.7 Direct performance of In-Plant HP surveys by HP Leads.
- 4.5.8 Direct performance of chemistry activities by Chemistry Leads.

4.6 Health Physics Lead

- 4.6.1 Provide technical and administrative direction to Health Physics personnel.
- 4.6.2 Coordinate overall radiological control of on-site activities, in accordance with OPEP-03.7.7, On-Site Radiological Controls.
- 4.6.3 Brief/debrief emergency repair teams on radiological conditions and limitations.
- 4.6.4 Establish the OSC radiological control point (Attachment 1, Recommended OSC Layout) and a location for decontamination services.
- 4.6.5 Provide coordination of vehicle release activities per OPEP-03.7.7, On-Site Radiological Controls.
- 4.6.6 Provide Radiological condition information to the E&RC Coordinator in the OSC.

4.0 RESPONSIBILITIES

4.7 Chemistry Lead

- 4.7.1 Provide technical and administrative support to Chemistry and Analysis activities.
- 4.7.2 Provide support for Dose Projection Team source term assessment.
- 4.7.3 Provide support to obtain liquid and gas samples, including analyses for core damage assessments.
- 4.7.4 Coordinate with the EOF Administrative & Logistics Manager (ALM) to obtain off-site analysis of plant sample if required.
- 4.7.5 Trend SPDS radiological data.

4.8 Operations Coordinator

- 4.8.1 Provide liaison between the OSC, Control Room, and TSC.
- 4.8.2 Inform OSC personnel of changing plant conditions and impact on current missions.
- 4.8.3 Provide equipment clearance assistance, as required.
- 4.8.4 Arrange HP coverage for operations personnel in the plant through the E&RC Coordinator.
- 4.8.5 Coordinate Fire Brigade response.

4.9 Access Control Logkeeper

- 4.9.1 Provide direction to OSC Administrative and Clerical personnel to ensure an adequate supply of forms and administrative supplies are available or obtained for operation of the OSC.
- 4.9.2 Designate one Administrative and Clerical individual for the O&M library to provide assistance.

4.0 RESPONSIBILITIES

4.9.3 Ensure OSC personnel:

- Properly log into and out of the OSC
- Mission teams are identified on an approved Mission Authorization Form.

4.9.4 Periodically verify accuracy of the OSC sign-in board.

4.10 Accident Assessment Team Member Liaison

Provide Liaison between the OSC and TSC to provide engineering guidance and support for OSC repair missions.

4.11 OSC Status Board Plotter

Maintain the OSC mission tracking board current with OSC activities.

5.0 PROCEDURE

Individual actions required within the OSC are contained in the following guides. Each individual is responsible for completing the actions contained in his respective guide.

IF YOUR ERO POSITION IS:	THEN REFER TO PAGE:
Emergency Repair Director/Assistant ERD	10
OSC Mission Coordinator/ Assistant OSC Mission Coordinator	13
E&RC Coordinator	17
Health Physics Lead	19
Chemistry Lead	21
Operations Coordinator	22
Access Control Logkeeper	24
Accident Assessment Team Member Liaison	25
OSC Status Board Plotter	26

5.1 Emergency Repair Director/Assistant ERD

ACTIVATION:

NOTE: The OSC may activate prior to the activation of the TSC under the direction of the SEC in the Control Room and then transfer reporting responsibilities to the TSC on transfer of SEC responsibilities.

- 5.1.1 Sign in to the OSC and notify SEC upon arrival.
- 5.1.2 Obtain reference materials from the OSC storage locker as appropriate (procedures, logbooks, supplies).
- 5.1.3 Prepare the OSC as illustrated in Attachment 1, Recommended OSC Layout.
- 5.1.4 Initiate documentation of activities in logbook.
- 5.1.5 Verify the OSC has the following minimum staffing needed for activation:

ERD	HP Technician	(3)
OSC Mission Coordinator	Chemistry Technician	(2)
E&RC Coordinator	I&C/E Technician	(1)
	Mechanical Technician	(1)

NOTE: In addition to the minimum staffing positions required for activation, the following additional personnel are required for staff augmentation within 60-75 minutes:

HP Technicians	(6)
Chemistry Technician	(1)
I&C/Electrical Technician	(2)
Mechanical Technician	(1)

- 5.1.6 Establish communication links with the TSC and/or Control Room and verify operability of:
 - 1. TSC intercom
 - 2. Facsimile (O&M Library)

5.1 Emergency Repair Director/Assistant ERD

3. Phone link between the ERD and SEC.
4. Portable radio link with the SEC (800 MHz).

5.1.7 Synchronize time clocks with the Control Room.

ACTIVATION:

5.1.8 Staff the OSC and continue to augment staff, as needed, with I&C/E Technicians, HPs, Operations, Mechanics, Logkeeper (Administrative and Clerical), Planners and other personnel.

5.1.9 Report equipment problems/readiness to activate to the SEC.

5.1.10 Request the E&RC Coordinator initiate an Emergency RWP.

OPERATION:

5.1.11 Determine status of repair activities already in progress and notify the SEC of all missions already in the field (i.e., automatic missions and those assumed from ongoing activities).

5.1.12 Conduct an initial briefing for the OSC staff using the O&M Building internal PA System (phone access number for the O&M Building internal PA System is located in OPEP-Appendix A).

5.1.13 Conduct additional periodic briefings at 30-60 minute intervals, or as conditions change.

5.1.14 Immediately notify the OSC Staff of any changes in:

1. Event classification
2. Habitability
3. Radiological Conditions
4. Mission priorities/objectives

5.1.15 Ensure dispatch of emergency repair teams/missions in the OSC is performed.

5.1 Emergency Repair Director/Assistant ERD

NOTE: Normal administrative clearance controls may be suspended during emergency conditions, when time is a critical factor, via specific directions to and physical control by an auxiliary operator (i.e., a "walking clearance").

1. Request Operations Coordinator to determine need for equipment clearances.
 2. Inform OSC Mission Coordinator, E&RC Coordinator, and Operations Coordinator to dispatch teams, as directed by SEC.
 3. Obtain SEC approval prior to deviating from procedures.
- 5.1.16 Evaluate maintenance mission activities and priorities.
- 5.1.17 Provide advice to SEC on plant mechanical, electrical, I&C, E&RC, and Operations repair and corrective actions as appropriate. Obtain mission priorities from the SEC.
- 5.1.18 Contact Security to secure emergency transportation vehicles, as needed.
- 5.1.19 Provide detail to OSC Mission Coordinator, E&RC Coordinator, and Operations Coordinator, if repairs are to be made, contamination controls implemented, or other special installations measures are to be taken.
- 5.1.20 Provide frequent updates to the SEC on mitigation activities.
- 5.1.21 Report mission completions to the SEC.
- 5.1.22 Request additional equipment, supplies and/or manpower through EOF Administrative and Logistics Manager (ALM).
- 5.1.23 Coordinate a shift relief rotation for OSC personnel with the Admin and Logistics Manager (ALM) in the EOF for extended OSC operations.
- 5.1.24 Provide shift turnover to the on-coming shift.

5.1 Emergency Repair Director/Assistant ERD

- 5.1.25 Initiate OSC relocation if necessary. Notify SEC prior to relocation.
- 5.1.26 Utilize Attachment 4, OSC Relocation Checklist, if relocation of the OSC is necessary. If OSC relocation is necessary, attempt to coordinate the move to minimize impact on response efforts.

DEACTIVATION:

- 5.1.27 Deactivate the OSC, when directed.
 - 1. Inform the OSC personnel of deactivation.
 - 2. Evaluate condition of equipment and supplies for readiness of the OSC. (An inventory checklist is located in OPEP-04.2).
 - 3. Report deficiencies to the OSC Mission Coordinator.
 - 4. Return equipment and supplies to storage.
 - 5. Assemble logbooks and any other documentation generated during the for collection.

5.2 OSC Mission Coordinator/Assistant OSC Mission Coordinator

ACTIVATION:

- 5.2.1 Sign into OSC and notify ERD.
- 5.2.2 Verify sufficient staff is present and inform the ERD. (Notify the ERD of any personnel needs.)
 - 1. I&C/E Technician
 - 2. Mechanical Technician
- 5.2.3 Obtain the OSC storage room and equipment storage bin keys and portable radio equipment from the M&TE calibration shop. (Obtain three maintenance supervisor radios; 1 to monitor Ops, 1 to monitor Fire Brigade, and 1 for the Ops Coord.)

5.2 OSC Mission Coordinator/Assistant OSC Mission Coordinator

- 5.2.4 Obtain reference materials from the OSC equipment storage bin (procedures, logbook, supplies) and assist the ERD in preparing the OSC as illustrated on Attachment 1, Recommended OSC Layout.
1. Retrieve the SPDS Printer from the M&TE Calibration Shop (labeled OSC-1) and position in the Northwest Corner of the OSC Command Room. (Plug into the data jack on 1008-4, Jack 2.)

ACTIVATION:

- 5.2.5 Set up the designated speaker phone for TSC Monitoring as follows:
1. Plug the TSC Intercom into the appropriate phone jack (Reference Attachment 1).
 2. Direct available TSC personnel to establish the OSC/TSC Intercom (Ext. 4773) once it begins ringing, press On/Off button and control volume as needed.
 3. Verify the plant PA is audible in the OSC.
- 5.2.6 Initiate a log of activities.
- 5.2.7 Set up the OSC Internal Intercom System (MPA-101).
1. Plug in microphones as shown on Attachment 1.
 2. Turn the amplifier on.
 3. Verify volume level in the satellite areas of the OSC.

OPERATION:

- 5.2.8 Immediately assemble the following teams, as required to support plant activities. They may be dispatched prior to activation of the TSC/OSC, if approved by the SEC in the Control Room. Once the TSC/OSC is activated, approval must be obtained from the ERD. They will be assigned a Mission Number and priority.
1. I&C Technician(s) to Control Room to support Operations activities in the Control Room only.
 2. Mechanic(s) to verify operability of the TSC/EOF Emergency Diesel.

5.2 OSC Mission Coordinator/Assistant OSC Mission Coordinator

OPERATION:

- 5.2.9 If emergency repair teams are in the field prior to activation of the OSC, evaluate the need for HP coverage with the E&RC Coordinator. The repair teams already in the field shall be contacted, direction given, and mission numbers assigned for accountability and tracking purposes.
- 5.2.10 Designate or acquire personnel as Access Control Logkeeper, and Librarians (Administrative Staff). Utilize OPEP-Appendix A for personnel callout or, if available, acquire personnel from Site Evacuation assembly locations.
- 5.2.11 Ensure emergency classification signs are posted.
- 5.2.12 Coordinate all missions with the E&RC and Operations Coordinators and dispatch in a timely fashion.

NOTE: Mission Authorization Forms are available in triplicate for OSC use. The pink copy is to be retained in the OSC, the yellow copy is given to the OSC Access Control Logkeeper, and the white copy is retained by the Mission Team Leader.

1. Complete a Mission Authorization Form OPEP-02.6.12-1 for each mission dispatched.
- 5.2.13 Review and obtain at a minimum, ERD verbal authorization prior to approving Mission Authorization Forms for dispatch of any Emergency Repair Missions.

NOTE: Briefings should be held in available conference rooms or work areas, not in the OSC Command Room.

- 5.2.14 Ensure mission briefings are conducted with priorities and urgency understood by each team.
- 5.2.15 Ensure OSC personnel understand the focus of response efforts based on plant conditions.
- 5.2.16 Post data associated with OSC Emergency Repair Mission activities on the OSC Mission Board.

5.2 OSC Mission Coordinator/Assistant OSC Mission Coordinator

OPERATION:

- 5.2.17 Maintain accountability of OSC personnel throughout the event. At a Site Area Emergency or higher classification, provide OSC personnel accountability information to the ERD and TSC Security Director within 25 minutes.
- 5.2.18 Keep the ERD informed of mission status.
- 5.2.19 Periodically review mission status with the OSC staff and resolve discrepancies.
- 5.2.20 Obtain support as necessary to organize emergency repair teams/missions.
1. Assign a team leader for each mission.
 2. Verify respirator and SCBA qualifications.
 3. Obtain allowable exposure information from the E&RC Coordinator.
 4. Request E&RC Coordinator to evaluate the need for HP assistance.
 5. Provide a key to the stores area for access to parts and tools, if the area is locked.
- 5.2.21 Identify and resolve obstacles to timely mission dispatch.
- 5.2.22 Provide timely information flow on system restoration to Operations.
- 5.2.23 Provide feedback to the ERD to meet objectives in a more timely manner, or when it may be necessary to deviate from procedures.
- 5.2.24 Designate radio communication channels to be used for field team communications.

5.2 OSC Mission Coordinator/Assistant OSC Mission Coordinator

DEACTIVATION:

- 5.2.25 Deactivate the OSC, when directed.
1. Evaluate condition of equipment and supplies.
 2. Assemble documentation (logs, forms, etc.) for collection and request the OSC Access Control Logkeeper to compile all event documentation.
 3. Inventory the OSC Equipment Storage Locker using Attachment 4 in OPEP-04.2 and restock items.
 4. Request the OSC Access Control Logkeeper to list any equipment/supply deficiencies identified.
 5. Provide information above to Supervisor - Emergency Preparedness.

5.3 E&RC Coordinator

ACTIVATION:

- 5.3.1 Sign in and notify ERD.
- 5.3.2 Obtain reference materials (procedures, logbook, supplies).
- 5.3.3 Verify sufficient staff to perform: (Notify the ERD of any deficiencies.)
1. Chemistry Sampling and Analysis
 2. In-plant HP Surveys
 3. Habitability Surveys

OPERATION:

- 5.3.4 If emergency repair teams are in the field prior to activating the OSC, evaluate the need to dispatch HP Technicians for coverage.

5.3 E&RC Coordinator

- 5.3.5 Immediately assemble the following teams as required to support activities. They may be dispatched prior to activation of the TSC/OSC, if approved by the SEC in the Control Room. Once the TSC/OSC is activated, approval must be obtained from the ERD. They will be assigned a Mission Number and priority. Coordinate all missions with the OSCMC and Operations Coordinator.
1. Chemistry Technician(s) to man the Chemistry Lab for analysis.
 2. HP Technicians to the TSC, EOF and Control Room for habitability surveys. (The technician assigned to the TSC should obtain an 800 MHz radio and deliver to the SEC).
 3. Chemistry Technicians to ensure PASS heat trace is energized, in accordance with E&RC-1505, Operating Procedure for Postaccident Sampling Stations, **if conditions warrant**.

NOTE: Mission Authorization Forms are available in triplicate for OSC use. The pink copy is to be retained in the OSC, the yellow copy is given to the OSC Access Control Logkeeper, and the white copy is retained by the Mission Team Leader.

- 5.3.6 Review and obtain at a minimum, ERD verbal authorization prior to approving Mission Authorization Forms for dispatch of any E&RC Emergency Missions.
- 5.3.7 Frequently inform the ERD and Radiological Controls Director of HP activities.
- 5.3.8 Ensure OSC habitability is monitored, in accordance with OPEP-03.7.7, On-Site Radiological Controls and recommend relocation if necessary.
- 5.3.9 Obtain preliminary data on current and up-coming missions from the ERD, Operations Coordinator, and OSC Mission Coordinator.
- 5.3.10 Assign an HP Tech for each mission, when conditions warrant, to assist in preparation and job coverage.

5.3 E&RC Coordinator

OPERATION:

- 5.3.11 Maintain personnel/equipment decon facilities available in the Service Building Shower Room or TSC Shower Room, or as approved by the RCD.
- 5.3.12 Issue KI to OSC personnel when authorized.
- 5.3.13 Evaluate OSC personnel exposures, in accordance with OPEP-03.7.6, Emergency Exposure Controls and OPEP-03.7.7, On-Site Radiological Controls.

<p>NOTE: Briefings should be held in available conference rooms or work areas, not in the OSC Command Room.</p>
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- 5.3.14 Ensure radiological briefings for OSC missions address RWP requirements.

DEACTIVATION:

- 5.3.15 Deactivate the OSC, when directed.
 - 1. Evaluate condition of equipment and supplies.
 - 2. Assemble documentation (logs, forms, etc.) for collection.

5.4 Health Physics Lead

ACTIVATION:

- 5.4.1 Sign into the OSC.
- 5.4.2 Notify the E&RC Coordinator of arrival.
- 5.4.3 Initiate a log of activities and obtain reference materials (procedures, supplies).

5.4 Health Physics Lead

ACTIVATION:

- 5.4.4 Verify phone communication link with the RCD.

NOTE: Obtain E&RC Coordinator's approval prior to dispatching any HP personnel.

OPERATION:

- 5.4.5 Provide HP personnel for assistance at the protected area access turnstiles and assembly areas during a Site Evacuation.
- 5.4.6 Assign personnel for vehicle monitoring and decontamination, when conditions warrant.
- 5.4.7 Assign personnel to perform In-Plant radiological surveys per OPEP-03.7.7, On-Site Radiological Controls.
- 5.4.8 Trend and track radiological conditions.
- 5.4.9 Establish personnel monitoring and contamination control points as needed, in accordance with OPEP-03.7.7, On-Site Radiological Controls.
- 5.4.10 Provide radiological support for missions and brief the teams on known radiological conditions and requirements.
- 5.4.11 If requested, assign an individual to maintain communications with the Radiological Control Communicator in the TSC and, if staffed, the Health Physics Network (HPN) Communicator in the EOF.
- 5.4.12 If necessary, assign E&RC personnel to Doshier Hospital and inform the E&RC Coordinator.
- 5.4.13 Maintain awareness of OSC personnel radiation exposure status and inform RCD of personnel approaching or anticipated to approach (10CFR20) regulatory limits.

5.4 Health Physics Lead

DEACTIVATION:

- 5.4.14 Assemble documentation (logs, forms, etc.) for collection.
- 5.4.15 Inventory Emergency Kits per OPEP-04.6, Radiological Kit Inventories and restock as needed.

5.5 Chemistry Lead

ACTIVATION:

- 5.5.1 Sign into the OSC.
- 5.5.2 Notify the E&RC Coordinator of arrival.
- 5.5.3 Initiate a log of activities and obtain reference materials (procedures, supplies).
- 5.5.4 Ensure PASS heat trace is energized, in accordance with E&RC-1505 Operating Procedure for Postaccident Sampling Stations, if conditions warrant.
- 5.5.5 Verify communication links with the RCD, TSC Accident Assessment Team, and EOF Dose Projection.
- 5.5.6 Verify staffing of Chemistry Lab, PASS Team and other sampling personnel.
- 5.5.7 Ensure Chemistry lab is prepared to receive high level samples.

OPERATION:

NOTE: Obtain E&RC Coordinator approval prior to dispatching any Chemistry teams.

- 5.5.8 Coordinate dispatching of PASS Team with E&RC Coordinator.

5.5 Chemistry Lead

OPERATION:

- 5.5.9 Coordinate off-site analysis support from Harris, Robinson, and the HE&EC with the Administrative & Logistics Manager (ALM) in the EOF.
- 5.5.10 Provide sample results to the Accident Assessment Team for core damage estimation and the EOF Dose Projection Coordinator for dose projection.
- 5.5.11 Trend and track SPDS radiological data.

DEACTIVATION:

- 5.5.12 Assemble documentation (logs, forms, etc.) for collection.

5.6 Operations Coordinator

ACTIVATION:

- 5.6.1 Sign into the OSC and notify the ERD of arrival.
- 5.6.2 Obtain reference materials (procedures, logbook, supplies).
- 5.6.3 Establish communications with:
 - 1. SRO or Plant Operations Director (TSC).

OPERATION:

- 5.6.4 Monitor TSC Communications/briefings and inform the ERD of changing plant conditions or appropriate information from the OSC Monitor.

5.6 Operations Coordinator

OPERATION:

- 5.6.5 Track personnel dispatched from the Control Room, using a Mission Authorization Form; post team status on the OSC Mission Status Board; and provide support as needed.

NOTE: Mission Authorization Forms are available in triplicate for OSC use. The pink copy is to be retained in the OSC, the yellow copy is given to the OSC Access Control Logkeeper, and the white copy is retained by the Mission Team Leader.

- 5.6.6 Review and obtain at a minimum, ERD verbal authorization prior to approving the Mission Authorization Form for dispatch of any Operations/Fire Brigade Emergency Missions. Coordinate all missions with the E&RC and OSC Mission Coordinators.
- 5.6.7 Verify a briefing is conducted for any mission dispatched.
- 5.6.8 Brief ERD of plant status, operator actions/needs and any information on TSC priorities.
- 5.6.9 Keep OSC staff informed of ongoing Operations/Fire Brigade activities.
- 5.6.10 Contact Plant Operations Director (POD) to obtain information on EOP/SAMG status.
- 5.6.11 Monitor and provide status and location of OSC Emergency Repair and Survey Missions to the Control Room.
- 5.6.12 Brief the ERD and OSC Staff of EOP actions, system actuation, etc., that may alter radiological conditions in any given area.
- 5.6.13 Notify the Control Room immediately following plant systems restoration.
- 5.6.14 Notify the Control Room of changing radiological conditions in plant.

5.6 Operations Coordinator

OPERATION:

- 5.6.15 Coordinate HP coverage for Operator/Fire Brigade actions in field. If personnel dispatch is from other than the OSC, a meeting location can be determined prior to team dispatch.

NOTE: Auxiliary Operators are located in the O&M Library after the OSC is activated.

- 5.6.16 Coordinate AO support of OSC activities and post Operations field activities on the OSC Mission Status Board.
- 5.6.17 Provide AOs and expedite equipment clearances to support missions.
- 5.6.18 Ensure ERD understands the urgency of missions to support accident mitigation, especially EOP Actions.

DEACTIVATION:

- 5.6.19 Deactivate the OSC, when directed.
1. Assemble documentation (logs, forms, etc.) for collection.

5.7 Access Control Logkeeper

ACTIVATION:

- 5.7.1 Ensure adequate supplies of forms are available (Mission Authorization Form, Personnel Status Log Sheets).

NOTE: Compile a List of OSC personnel by badge numbers and provide information to the OSC Mission Coordinator.

- 5.7.2 Ensure that personnel log in upon arrival using the Personnel Log Status Sheets, Attachment 2, and swipe the OSC card reader for accountability.

5.7 Access Control Logkeeper

ACTIVATION:

- 5.7.3 Personnel should only log out for:
1. Termination of event
 2. Reassignment to another facility (TSC, EOF, outside protected area).
 3. Re-entering the OSC after having left the protected area.

OPERATION:

- 5.7.4 Ensure that personnel leaving the OSC have an approved OSC Mission Authorization Form. (white copy)
1. Detach and retain a copy of the Mission Authorization Form for accountability of mission team personnel when dispatched. (yellow copy)
- 5.7.5 Utilize Attachment 2, Personnel Status Log Sheets, to account for personnel entering and exiting the OSC for purposes other than approved missions.
1. Periodically verify accuracy of the OSC sign-in board.
- 5.7.6 Provide accountability information to the OSC Mission Coordinator.

DEACTIVATION:

- 5.7.7 Deactivate the OSC, when directed.
1. Compile documentation (logs, form, etc.) from the OSC.
 2. Deliver documentation, including inventory forms, to the Supervisor - Emergency Preparedness.

5.8 Accident Assessment Team Member Liaison

ACTIVATION:

- 5.8.1 Sign in and notify OSC Mission Coordinator upon arrival.

5.8 Accident Assessment Team Member Liaison

ACTIVATION:

- 5.8.2 Establish a communication link to the AATL in the TSC for additional engineering guidance/support.

OPERATION:

- 5.8.3 Provide technical guidance in development/research of repair activities.
- 5.8.4 Provide status updates to the AAT Leader in the TSC.
- 5.8.5 Provide coordination for the NRC/OSC interface, as requested.

DEACTIVATION:

- 5.8.6 Assemble documentation for collection.

5.9 OSC Status Board Plotter

ACTIVATION:

- 5.9.1 Obtain the OSC Status Board Plotter wireless headset from the M&TE Calibration Shop and refer to Attachment 7, Status Board Plotter Wireless Headset, for setup information.

OPERATION:

- 5.9.2 Maintain the OSC mission tracking board current with OSC activities, as directed by the OSCMC.
- 5.9.3 Maintain communications with TSC, EOF, and Control Room to ensure activity status is current in all facilities.

DEACTIVATION:

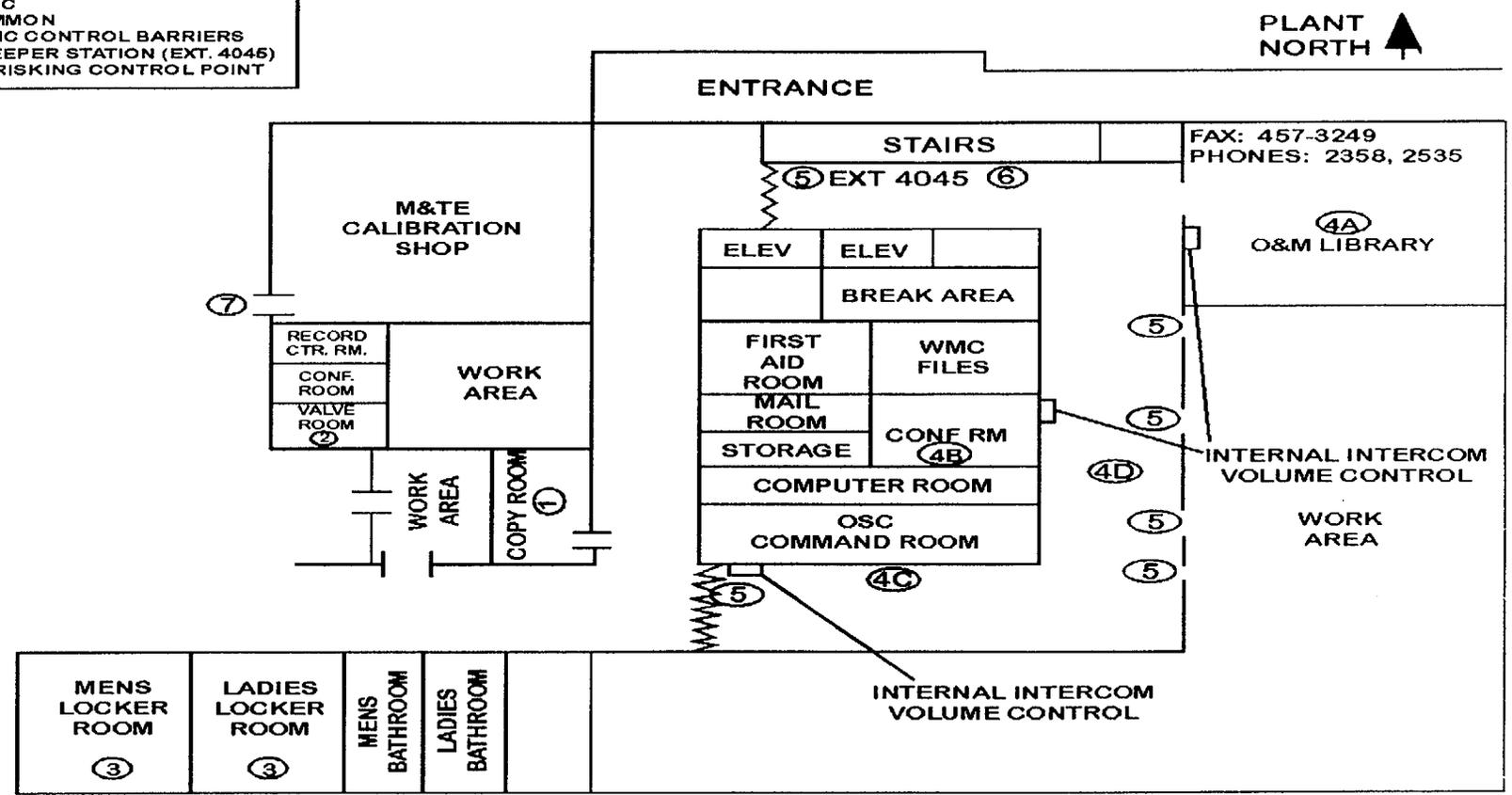
- 5.9.4 Return the OSC Status Board Plotter wireless headset to storage in the M&TE Calibration Shop.
- 5.9.5 Assist in additional facility deactivation, as directed by the OSCMC.

6.0 RECORDS

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

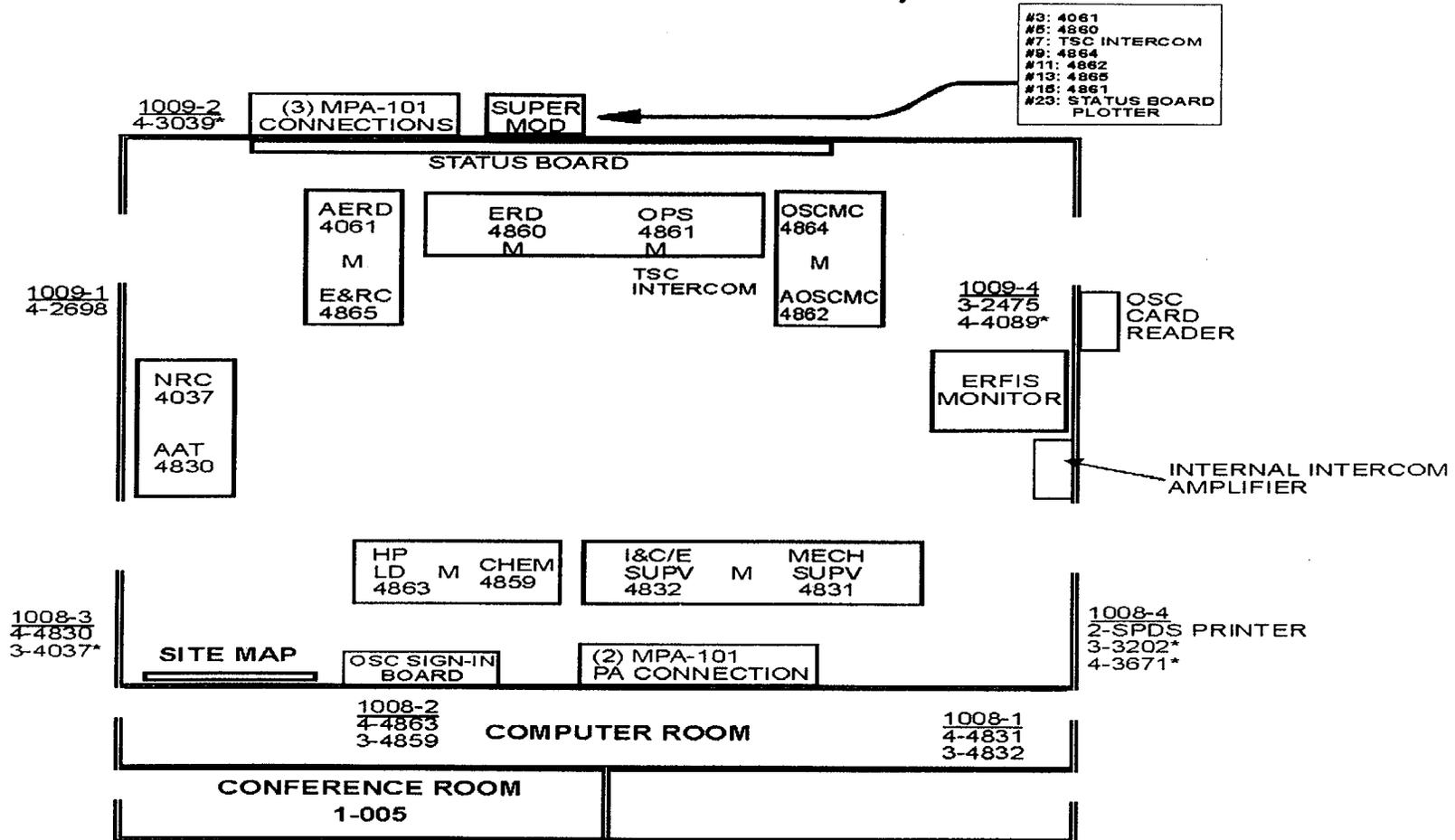
ATTACHMENT 1
Page 1 of 2
Recommended OSC Layout

- 1. OSC STORAGE BINS
- 2. OSC HP KITS
- 3. OSC DRESS-OUT LOCKER ROOMS
- 4. OSC MUSTER AREAS
 - A. MECHANICS OPERATORS
 - B. I&C/E
 - C. E&RC
 - D. COMMON
- 5. TRAFFIC CONTROL BARRIERS
- 6. LOGKEEPER STATION (EXT. 4045)
- 7. OSC FRISKING CONTROL POINT



NOTE: Establish Personnel Muster areas and Traffic Control Barriers per above diagram, or as directed by the ERD.

ATTACHMENT 1
Page 2 of 2
Recommended OSC Layout



*NOT A ROLM PHONE CONNECTION

NOTE: OSC supplies are located in the equipment storage bins. Reference Attachment 1, Page 1. Keys for the room door and storage bins can be obtained from the M&TE CAL shop. Set up tables and phones per above diagram. Ensure telephones and radios are operable. Obtain procedures, logbook, and other supplies. Setup may be modified by ERD.

ATTACHMENT 2
Page 2 of 5
Mechanical Personnel Status Log Sheet

Personnel	Social Security #	Badge #	Team #	Resp. Qual.	SCBA Qual.	Log In	Log Out	Haz Mat	Fire Brigade

ATTACHMENT 2
Page 3 of 5
Operations Personnel Status Log Sheet

Personnel	Social Security #	Badge #	Team #	Resp. Qual.	SCBA Qual.	Log In	Log Out	Haz Mat	Fire Brigade

ATTACHMENT 2
Page 5 of 5
OSC Staff Personnel Status Log Sheet

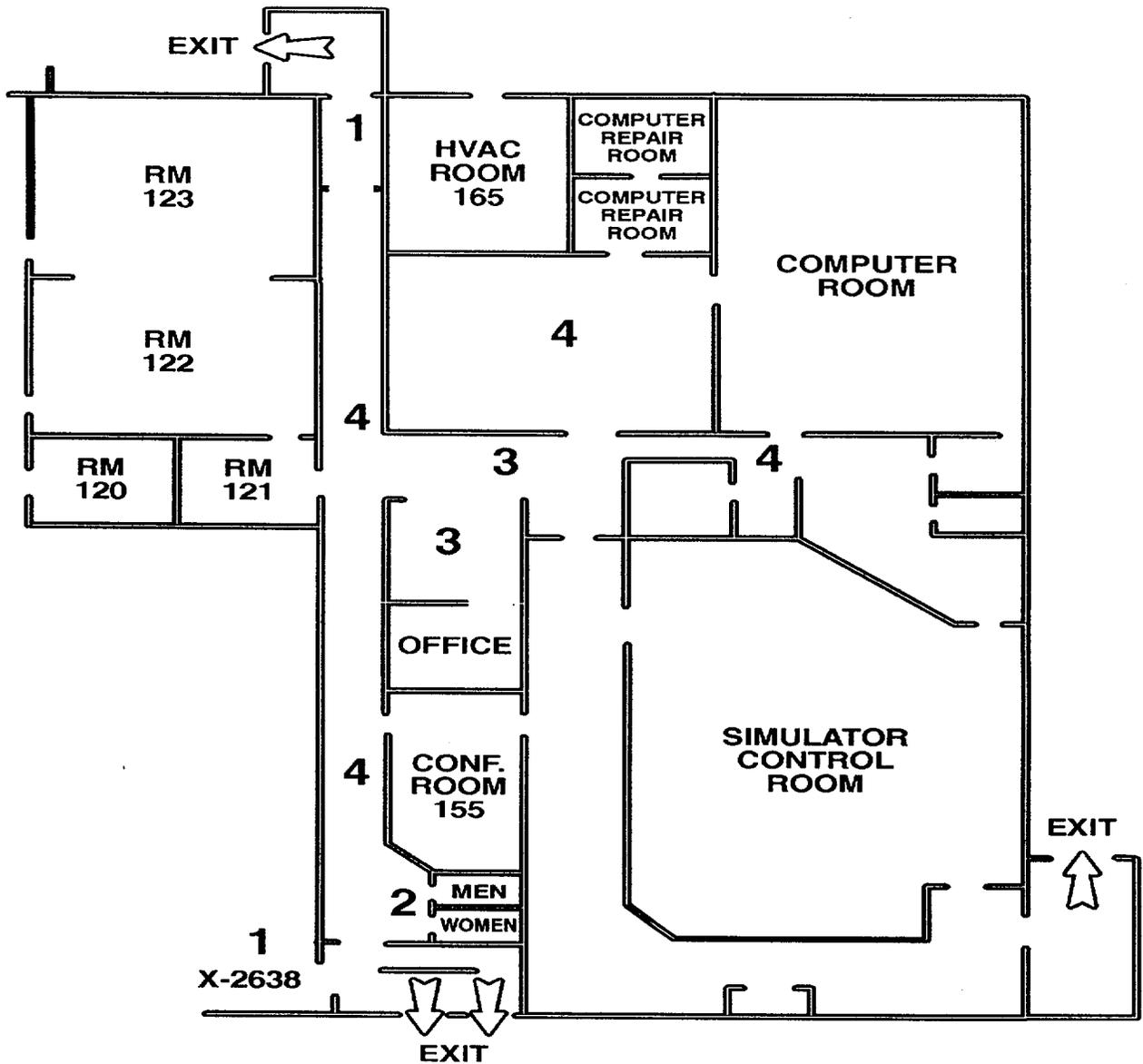
Personnel	Social Security #	Badge #
ERD		
AERD		
OSCMC		
AOSCMC		
E&RC Coordinator		
OPS Coordinator		
HP Lead		
Chem. Lead		
Access Control Log Keeper		
Planner		
Planner		
Other		

ATTACHMENT 4
Page 1 of 1
OSC Relocation Checklist

NOTE: This attachment may change with various radiological conditions. In some cases, the need to relocate may be based on "shine" instead of an airborne situation. In this case, the unaffected reactor building may be suitable to stage teams, with the ERD in the Technical Support Center (TSC).

- | <u>Steps</u> | (Check or N/A Items) |
|---|----------------------|
| 1. Notify OSC staff to prepare for relocation to Simulator area of TSC/EOF Building or designated area. | _____ |
| 2. Ensure that communications can be maintained with the SEC and OSC Missions in the field. | _____ |
| 3. Perform an accountability of all personnel assigned to the OSC. | _____ |
| 4. Notify the E&RC Coordinator to dispatch personnel to the simulator or designated area to set up a frisking location and develop an entrance/exit route for personnel relocation. | _____ |
| 5. Coordinate with the E&RC Coordinator if exit monitors are inoperable due to high background. | _____ |
| 6. Notify OSC personnel to proceed to simulator or designated area, with applicable procedures, status boards (use Attachment 3), necessary communication equipment and other supplies as needed. | _____ |
| 7. Maintain constant communication with teams in the field. | _____ |
| 8. Notify the SEC of conditions for evaluation of the need to evacuate CAS. | _____ |
| 9. Upon completion of the relocation: | |
| a. Perform an accountability of OSC personnel. | _____ |
| b. Ensure work areas and communications are established. Contact the SEC and field teams with new telephone numbers | _____ |
| 10. Coordinate with Security for teams' access in/out of the protected area. | _____ |

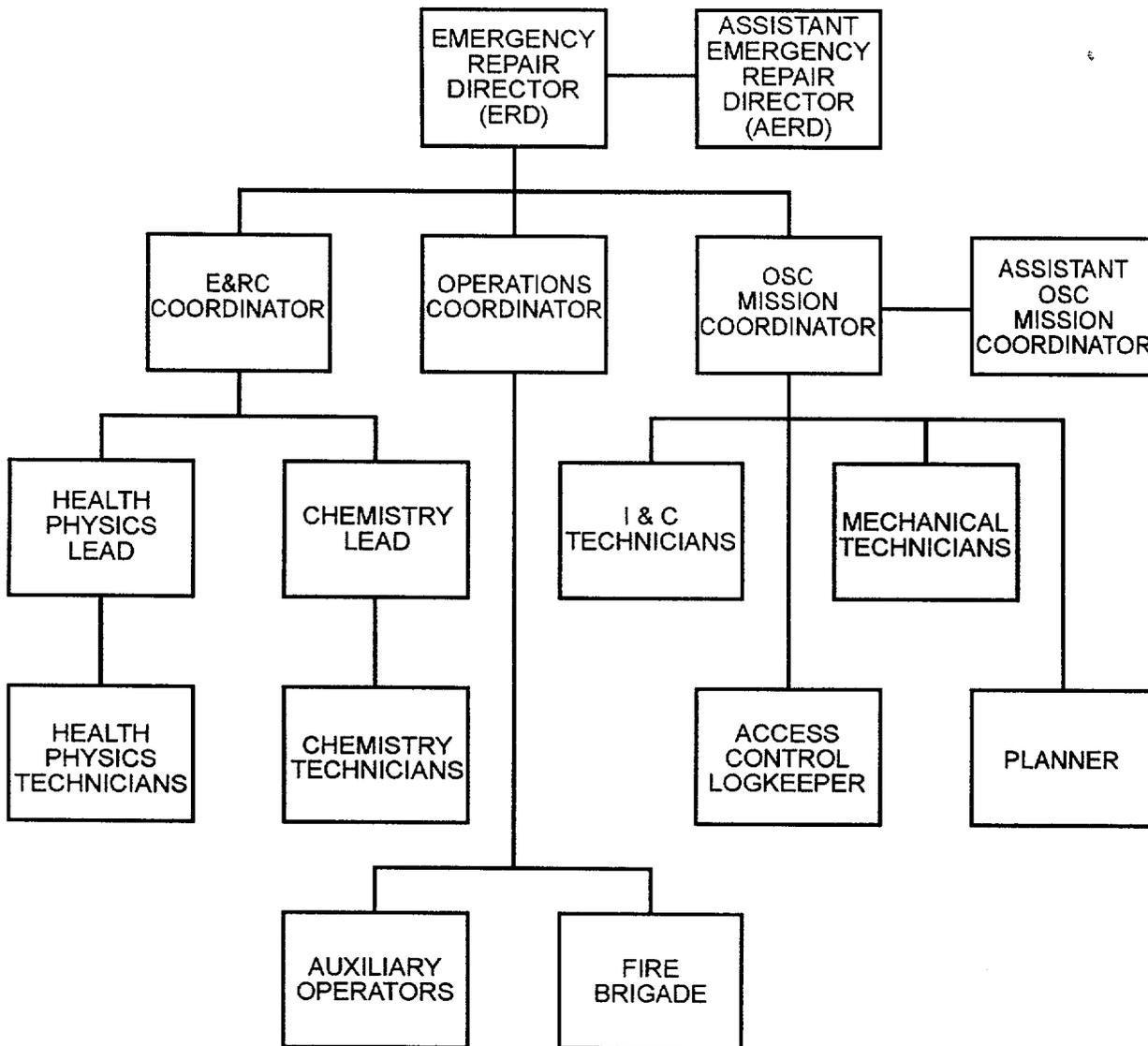
ATTACHMENT 5
 Page 1 of 1
 Alternate OSC



1. FRISKING AREAS (DETERMINED BY ERD)
2. RESTROOMS FOR DECON
3. ERD AND STAFF
4. PERSONNEL MUSTER AREAS

NOTE: Establish frisking areas, staff and personnel muster areas per above diagram.

ATTACHMENT 6
Page 1 of 1
Operational Support Center Organization



ATTACHMENT 7

Page 1 of 2

Status Board Plotter Wireless Headset

1. The OSC Status Board wireless headset is stored in the M&TE Calibration Shop.
2. The headset uses regular cellular telephone rechargeable batteries rated for six hours continuous use. (A beeping noise identifies when the battery should be recharged or replaced.)
3. Setup and Operation
 - a. Plug the status board telephone into Jack #23 on the Super mod.
 - b. Plug the Netcom wireless headset into the handset jack on the status board telephone.
 - c. Plug the handset into the back of the Netcom unit.
 - d. Turn the Netcom "ON/OFF" switch to the "ON" position.
 - e. Place the headset on your head and clip the battery pack on your belt or clothing.

<p>NOTE: The TSC Status Board Plotter will initiate the communications link between the TSC, OSC and EOF.</p>
--

- f. When the telephone rings, lift the handset and place it beside the telephone.
4. Transmit Volume Control Adjustment
 - a. Adjust the thumbwheel on the back of the Netcom base unit to adjust transmit volume (Normally set at "6".)
5. Receiving Volume Control Adjustment and Muting
 - a. Raise or lower the volume by using the "+ or -" volume controls on the battery pack.
 - b. Mute transmissions by depressing the "MUTE" button. The LED is lit when the mute function is in operation.

ATTACHMENT 7
Page 2 of 2
Status Board Plotter Wireless Headset

6. Changing the Battery
 - a. Remove the battery cover from the clip-on Netcom battery pack.
 - b. Remove the yellow battery assembly and disconnect the white plug.
 - c. Replace the battery assembly with the battery pack attached to the Netcom base unit.
 - d. Connect the depleted battery pack to the base unit to recharge.
 - e. Reinstall the battery cover.

MISSION AUTHORIZATION FORM

FORM OPEP-02.6.12-1 (5/00)

Page 1 of 1

MISSION# _____

1. MISSION (CONDITIONS, PROBLEMS, OBJECTIVES):			
2. TEAM MEMBERS	WORK GROUP	BADGE NO.	TEAM LEADER CHECK (√)
3. LOCATION:			
4. ENTRANCE/EXIT ROUTE:			
5. ALARA/RWP INFORMATION: RWP NO. _____			
E&RC _____ Time: _____ Date: _____			
6. WORK INSTRUCTIONS (PROCEDURES, DRAWINGS, CLEARANCES AND COMMUNICATIONS):			
7. CORRECTIVE ACTIONS:			
8. APPROVAL FOR DISPATCH:			
SIGNATURE _____			
Time _____ Date: _____			

NOTE: Pink Copy - Retain in OSC.
Yellow Copy - Forward to OSC Access Control Logkeeper.
White Copy - Forward to Mission Team Leader.

REVISION SUMMARY

Revision 23 of OPEP-02.6.12 consists of the following changes:

- Added titles of Attachments referenced in Sections 3.4, 5.1.3, 5.2.4, and 5.9.1 for clarification.
- Corrected typographical errors in Sections 3, 4, 5, and Attachment 1, Page 1.
- Reformatted Section 5.0 ERO position table and corrected page reference numbers.
- Added "TSC" prior to "Security Director" in Section 5.2.17 for clarification.
- Deleted "(log, forms, etc)" from last sentence of Section 5.2.25.2 for redundancy.
- Added Attachment number in Section 5.2.25.3 for clarification.
- Changed "cart" to "bin" in Sections 5.2.3 and 5.2.4 for clarification.
- Corrected title of Radiological Control Communicator in Section 5.4.11.
- Added new Section 5.5.11 to be consistent with Chemistry Lead responsibilities in Section 4.7.5.
- Reworded Section 5.6.5 to clarify tracking of personnel dispatched from the Control Room.
- Changed storage "locker" to "bins"; corrected location of items 5 and 6; and enlarged diagram for legibility in Attachment 1, Page 1.
- Deleted "#1: M-Microphone" from Attachment 1, Page 2 (equipment no longer used), and enlarged diagram for legibility.
- Added additional planner to Attachment 2, Page 5, as an enhancement.
- Changed "Simulator area of EOF, ..." to "Simulator area of TSC/EOF Building, ..." in Attachment 4, Step 1, for clarification.
- Changed Form OPEP-02.6.12-1, Mission Authorization Form from three (3) pages to one (1) page as an enhancement.



PLANT OPERATING MANUAL

VOLUME XIII

PLANT EMERGENCY PROCEDURE

UNIT
0

SELECT
DISTRIBUTION



OPEP-04.6

RADIOLOGICAL EMERGENCY KIT INVENTORIES

REVISION 21

RECEIVED BY BNP

MAY 31 2000

NUCLEAR DOCUMENT CONTROL

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1.0 PURPOSE

The Radiation Control group is responsible for ensuring that the emergency kits are maintained properly to provide necessary supplies and equipment during an emergency. This procedure provides the mechanism for validating the emergency kit inventories.

2.0 REFERENCES

- 2.1 0E&RC-0110, Personnel Monitoring and Decontamination
- 2.2 0E&RC-0220, Respiratory Protection Program
- 2.3 0PEP-03.7.6, Emergency Exposure Controls
- 2.4 0PEP-03.7.7, Onsite Radiological Controls
- 2.5 0PEP-03.9.2, First Aid and Medical Care
- 2.6 0PEP-03.9.3, Transport of Contaminated Injured Personnel
- 2.7 DOS-NGGC-0002, Dosimetry Issuance
- 2.8 DOS-NGGC-0009, Thermoluminescent Dosimeter (TLD) Badge Exchange
- 2.9 0FPP-039, SCBA Use and Maintenance

3.0 DEFINITIONS

3.1 Monthly

At least once per 31 days.

3.2 Quarterly

At least once per 92 days.

3.3 TSC

Technical Support Center

3.4 OSC

Operational Support Center

4.0 RESPONSIBILITIES

4.1 Manager - E&RC

- 4.1.1 The Manager of Environmental & Radiation Control is responsible for inventorying the emergency kits maintained at the following locations:

<u>KIT</u>	<u>LOCATION</u>
Control Room Emergency Kit	Control Room
Operational Support Center Emergency Kit	O&M Bldg.
Technical Support Center Emergency Kit	Training Building
Emergency Operations Facility Emergency Kit	Training Building
PASS Sampling Emergency Kit	Unit 2 Turbine Bay
Environmental Monitoring Emergency Kit No. 1	EOF Rm 165
Environmental Monitoring Emergency Kit No. 2	EOF Rm 165
Dosher Hospital Emergency Kit	Dosher Hospital
Vehicle Decon Kit	LLRW Building

- 4.1.2 Each of these kits will be inventoried on a quarterly basis and following any emergency or drill in which the kit is utilized. The monitoring instruments, and dosimetry devices contained in the kits will be checked on a quarterly basis. The emergency breathing equipment (particulate respirators) contained in the kits will be checked on a monthly basis. Completion of this procedure's attachments provides the documentation of these inventories and checks.

4.2 Supervisor - Emergency Preparedness

The Supervisor - Emergency Preparedness should monitor this activity and shall ensure that it is performed at the prescribed frequency.

4.3 Superintendent - Operations Support

The Superintendent - Operations Support is responsible for inventory and maintaining SCBAs contained in the kits. The emergency breathing equipment (SCBAs) contained in the following kits will be checked on a monthly basis in accordance with 0FPP-039.

<u>EMERGENCY KIT</u>	<u>KIT LOCATION</u>	<u>MINIMUM # SCBA UNITS</u>
Control Room Kit	Control Room (2 in CAS)	15
TSC Kit	TSC/EOF Bldg Rm 141	10
EOF Kit	TSC/EOF Bldg Rm 135	15
OSC Kit	O&M Bldg 1 st Floor	24
PASS Sampling Kit	Unit 2 Turbine Bldg Laydown	8

5.0 PROCEDURE

- 5.1 Record all inventory and equipment check results on Attachments 1 through 9 as required.
- 5.2 Complete Attachment 10 to reorder Potassium Iodide if the expiration date is less than eight months in the future.
- 5.3 Use Attachment 11 for monthly Respiratory Protection Equipment inspections. Attachments 1 through 9 are not to be used for inspections of breathing equipment.
- 5.4 Complete Attachment 12, Emergency Kit Replacements, to document equipment and supplies replaced in the Emergency Kits between required inspections.
- 5.5 Submit completed attachments to the Responsible Supervisor for review.
- 5.6 Notify the Supervisor - Emergency Preparedness immediately of any deficiencies found that are not easily corrected.
- 5.7 After review, transfer the original completed attachments to be filed in accordance with applicable records management instructions.

5.0 PROCEDURE

- 5.8 Notify the Supervisor - Emergency Preparedness when inventories have been completed.
- 5.9 Each time an inventory or equipment check is made, place a copy of each completed attachment with the respective emergency kit. (Old copies from previous inventories should be discarded.)
- 5.10 Upon completion of the monthly checks of the Emergency Breathing Equipment and quarterly inventories and checks, submit data necessary for updating the current computer schedule.

ATTACHMENT 1
Page 1 of 5
Control Room Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Are all seals present on containers? Yes ___ No ___ *	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
10	0-500 mR dosimeters (for special use)	Calib. Due Date _____ **	
8	Dosimetry packages containing: 1 0-5 R self-reading dosimeter 1 0-200 R self-reading dosimeter	Calib. Due Date _____ ** Calib. Due Date _____ **	
10	TLDs (for special use)	Inventory and/or change out all TLDs in accordance with DOS-NGGC-0009, Thermoluminescent Dosimeter (TLD) Badge Exchange.	
1	Copy of DOS-NGGC-0002, Dosimetry Issuance	Current revision no.: _____	

*Inventory of containers must be checked.

**All dosimeters of the same range should be due for recalibration in the same month.

ATTACHMENT 1
Page 2 of 5
Control Room Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Case of potassium iodide (KI) tablets	Expiration date _____. (If expiration date is less than 8 months in the future, reorder KI tablets using Attachment 10.)	
10	Copies of OPEP-03.7.6, Emergency Exposure Controls, Attachments 3 and 4	Current Revision No. _____.	
1	Copy of OPEP-03.7.7, Onsite Radiological Controls.	Current Revision No. _____.	
10	Size X-large protective clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
15	Size large protective clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
5	Size medium protective clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
5	Size X-large disposable clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		

ATTACHMENT 1
Page 3 of 5
Control Room Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
15	Size large disposable clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
2	Rolls of duct tape		
*15	Scott air packs		
7	Full-face particulate respirators		
1	Dosimeter charger with batteries		
2	Boxes of charcoal cartridges		
5	Silver zeolite cartridges		
200	Planchets, 2"		
1	Smear holder slide tray		
500	Paper or cloth smears		
500	Coin envelopes		
2	Boxes of 47 mm particulate filters (sealed)		
10	Flashlights		
24	D-cell batteries		
12	9-volt transistor batteries		
12	C-cell batteries		
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
1	Roll of radiation rope		

*Two of the fifteen Scott air packs are stored in the Central Alarm Station (CAS).

ATTACHMENT 1
Page 4 of 5
Control Room Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
2	Rolls of radiation tape		
10	Insert style caution signs		
10	Inserts, "Radiation Area"		
10	Inserts, "High Radiation Area"		
10	Inserts, "Airborne Radioactivity"		
10	Inserts, "Contaminated Area"		
10	Adhesive labels, "Caution - Radioactive Materials"		
10	Adhesive labels, "Contaminated Waste"		
10	Step-off pads		
1	Roll of poly bags, small		
10	Poly bags, large		
5	Paper pads		
7	Pencils		
> 25	Ample supply of air survey forms		
> 25	Ample supply of radiological survey forms		
3	Clipboards		
1	Box of Ink pens		
N/A	All instruments were left in the Off Position		

ATTACHMENT 1

Page 5 of 5
Control Room Emergency Kit

MONTH/YEAR _____

NOTE: If deemed necessary to install a seal on the Control Room emergency kit cabinet, install a breakaway seal to ensure quick and easy access in the event of an emergency.

Initials

Seal all containers. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____ Date: _____
E&RC Technician

Reviewed By: _____ Date: _____
E&RC Supervisor or Designee

ATTACHMENT 2
Page 1 of 4
Operational Support Center Emergency Kit

MONTH/YEAR _____

NOTE: The radiation control equipment routinely stored in the Service Building is available for use in the Operational Support Center.

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container seals	Are all seals present on containers? Yes ___ No ___ *	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	

* Inventory of containers must be checked.

ATTACHMENT 2
Page 2 of 4
Operational Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-7 or Equivalent with low and mid-range detectors	# _____ Response Check Reading _____ Calib. Due Date _____	
50	Protective clothing packages -- each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		

ATTACHMENT 2
Page 3 of 4
Operational Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
24	Scott Air Packs		
20	Full-face particulate respirators		
> 25	Ample supply of air survey forms		
3	Rolls of duct tape		
2	Boxes of 47 mm particulate filters (sealed)		
1	Box of charcoal filters		
1	Case of potassium iodide (KI) tablets	Expiration Date _____ (If the expiration date is less than 8 months in the future, reorder KI tablets using Attachment 10.)	
1000	Paper or cloth smears		
1000	Coin envelopes		
36	C-cell batteries		
12	9-volt transistor batteries		
2	30-volt batteries		
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
N/A	All instruments were left in the off position		

ATTACHMENT 2
Page 4 of 4
Operational Support Center Emergency Kit

MONTH/YEAR _____

Initials

Seal all containers. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____ Date: _____
E&RC Technician

Reviewed By: _____ Date: _____
E&RC Supervisor or Designee

ATTACHMENT 3
Page 1 of 5
Technical Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Are all seals present on containers? Yes___ No ___*	
1	RM-14 with pancake type G-M probe	#_____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	#_____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	#_____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R or Equivalent	#_____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	#_____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	#_____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	#_____ Response Check Reading _____ Calib. Due Date _____	

*Inventory of containers must be checked.

ATTACHMENT 3
Page 2 of 5
Technical Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	R0-7 or Equivalent with low and mid-range detectors	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Air Sampler with combination filter holder	# _____ Calib. Due Date _____ Does it run? Yes ___ No ___	
1	Continuous Air Monitor	# _____ Calib. Due Date _____ Does it run? Yes ___ No ___	
50	Check 0-500 mR self-reading dosimeters.	Calib. Due Date _____**	
10	Check 0-200 R self-reading dosimeters.	Calib. Due Date _____**	
50	TLDs	Inventory and/or change out all TLDs in accordance with DOS-NGGC-0009, Thermoluminescent Dosimeter (TLD) Badge Exchange.	
1	Copy of DOS-NGGC-0002, Dosimetry Issuance,	Current revision no.: _____.	
10	Copies of OPEP-03.7.6, Emergency Exposure Controls, Attachments 3 and 4.	Current Revision No. _____	
1	Check source (approximately 8μCi Cs-137)	# _____	

**All dosimeters of the same range should be due for recalibration in the same month.

ATTACHMENT 3
Page 3 of 5
Technical Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
4	Cases of potassium iodide (KI) tablets.	Expiration date _____. (If expiration date is less than 8 months in the future, reorder KI tablets using Attachment 10.)	
1	Copy of OPEP-03.7.7, Onsite Radiological Controls.	Current Revision No. ____	
10	Protective clothing packages – each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
3	Rolls of duct tape		
10	Full-face particulate respirators		
10	Scott air packs		
> 25	Ample supply of air survey forms		
> 25	Ample supply of radiological survey forms		
1000	Paper or cloth smears		
1000	Coin envelopes		
1	Dosimeter charger with batteries		
10	Inserts, “High Radiation Area”		
10	Inserts, “Airborne Radioactivity Area”		
10	Inserts, “Contaminated Area”		
10	Adhesive labels, “Radioactive Material”		

ATTACHMENT 3
Page 4 of 5
Technical Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
10	Inserts, "Radiation Area"		
10	Step-off pads		
10	Insert style caution signs		
2	Boxes of surgeon's gloves		
1	Roll of radiation rope		
5	Rolls of radiation tape		
1	Roll of sheet polyethylene		
1	Roll of poly bags, small		
1	Roll of poly bags, large		
2	Grease pencils		
1	Package of Decon cloths		
5	Pair of rubber gloves		
5	Pair of glove liners		
10	Pair of disposable coveralls (size X-large)		
10	Pair of plastic shoe covers		
2	Bottles of liquid soap		
2	Soft-bristle brushes		
2	Bottles of hand lotion with Lanolin		
12	D-cell batteries		
36	9-volt transistor batteries		
24	C-cell batteries		
2	30-volt batteries		

ATTACHMENT 3
Page 5 of 5
Technical Support Center Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Package of cotton swabs		
2	Boxes of tissues		
10	Bath towels		
2	Packages of disposable shoe covers		
2	Boxes of Charcoal filters		
2	Boxes of 47 mm Particulate filters (sealed)		
N/A	All instruments were left in the Off Position.		

Initials

Seal all containers.

Submit data to update computer schedule.

Comments: _____

Inventory Performed By: _____ Date: _____

E&RC Technician

Reviewed By: _____ Date: _____

E&RC Supervisor or Designee

ATTACHMENT 4
Page 1 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Are all seals present on containers? Yes ___ No ___ *	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	

*Inventory of containers must be checked.

ATTACHMENT 4
Page 2 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	

ATTACHMENT 4
Page 3 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
80	Check 0-500 mR self-reading dosimeters.	Calib. Due Date _____**	
40	Check 0-5 R self-reading dosimeters.	Calib. Due Date _____**	
40	Check 0-200 R self-reading dosimeters.	Calib. Due Date _____**	
80	TLDs	Inventory and/or change out all TLDs in accordance with DOS-NGGC-0009, Thermoluminescent Dosimeter (TLD) Badge Exchange.	
1	Copy of DOS-NGGC-0002, Dosimetry Issuance	Current Revision No.: _____	
1	Continuous Air Monitor with combination holder	# _____ Calib. Due Date _____ Does it run? Yes ___ No ___	
10	Copies of OPEP-03.7.6, Emergency Exposure Controls, Attachments 3 and 4.	Current Revision No. _____	
1	Copy of E&RC-0110, Personnel Monitoring and Decontamination	Current Revision No. _____.	
1	Copy of OPEP-03.7.7, Onsite Radiological Controls	Current Revision No. _____.	

**All dosimeters of the same range should be due for recalibration in the same month.

ATTACHMENT 4
Page 4 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
25	Protective clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
12	Rolls of duct tape		
16	Full-face particulate respirators		
> 25	Ample supply of air survey forms		
> 25	Ample supply of radiological survey forms		
1	Case of potassium iodide (KI) tablets	Expiration Date _____ (If the expiration date is less than 8 months in the future, reorder KI tablets using Attachment 10.)	
3000	Paper or cloth smears		
3000	Coin envelopes		
2	Dosimeter charger with batteries		
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
15	Scott air packs		
2	Boxes of particulate cartridges (respirator)		
10	Magic markers		
4	Rain suits		
20	Pads of paper		

ATTACHMENT 4
Page 5 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
36	9-volt transistor batteries		
10	Poly zip-lock bags		
2	Forceps		
2	Boxes of Charcoal cartridges (Air Sampler)		
6	Boxes of surgeon's gloves		
6	Flashlights with batteries		
10	Silver zeolite cartridges		
2	Boxes of 47 mm glass fiber filters		
1	Roll of radiation rope		
1	Roll of sheet polyethylene		
1	Roll of poly bags, small		
1	Tool kit containing: a Phillips head screwdriver, a flat head screwdriver, and a 6" crescent wrench		
1	Roll of poly bags, large		
2	Boxes of Pens		
2	Rulers		
2	Extension cords, 50'		
1	Folding table		
1	Logbook		
1	Vacuum cleaner with absolute filter		
200	Planchets, 2"		

ATTACHMENT 4
Page 6 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Smear holder slide tray		
10	Insert style caution signs		
10	Inserts, "Radiation Area"		
10	Inserts, "High Radiation Area"		
10	Inserts, "Airborne Radioactivity Area"		
10	Inserts, "Contaminated Area"		
10	Adhesive labels, "Caution Radiation Material"		
10	Step-off pads		
2	Grease pencils		
5	Clipboards		
2	Packs of Broom cloths		
36	C-cell batteries		
24	D-cell batteries		
1	55-gallon drum		
10	Pairs of rubber gloves		
10	Pairs of work gloves		
10	Pairs of glove liners		
5	Pairs of coveralls		
10	Pairs of plastic shoe covers		
1	Decon broom		
1	Box of laundry detergent		

ATTACHMENT 4
Page 7 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
2	Packages of potassium permanganate (KMnO ₄)		
2	Gallon bottles of demineralized water		
2	Bottles of liquid soap		
3	Fisher Eradastain (or equivalent)		
2	Bars of hand soap		
2	Soft-bristle brushes		
2	Bottles of hand lotion with lanolin		
2	Packages of cotton swabs		
4	Boxes of tissue		
10	Cotton bath towels		
12	Disposable coveralls (X-large)		
4	Packages of disposable shoe covers		
1	50' water hose		
1	Hose adapter for connecting to rest room sink faucet		
N/A	All instruments were left in the Off Position.		

ATTACHMENT 4
Page 8 of 8
Emergency Operations Facility Emergency Kit

MONTH/YEAR _____

Initials

Seal all containers. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____
E&RC Technician

Date: _____

Reviewed By: _____
E&RC Supervisor or Designee

Date: _____

ATTACHMENT 5
Page 1 of 1
Pass Sampling Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
7	Check 0-200 R self-reading dosimeters.	Calib. Due Date _____**	
7	Multi-badge protective clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
2	Rolls of duct tape		
8	Scott air packs		
8	Extra air cylinders		

**All dosimeters of the same range should be due for recalibration in the same month.

Initials

Seal all containers. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____ Date: _____
E&RC Technician

Reviewed By: _____ Date: _____
E&RC Supervisor or Designee

ATTACHMENT 6
Page 1 of 4
Environmental Monitoring Emergency Kit No. 1

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Is seal present on door? Yes ___ No ___ *	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
1	Portable generator	Does it run? Yes ___ No ___ Is fuel available? Yes ___ No ___ Oil level - SAT ___ UNSAT ___	
2	Check 0-500 mR self-reading dosimeters.	Calib. Due Date _____ **	
10	Check 0-5 R self-reading dosimeters.	Calib. Due Date _____ **	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R Meter	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	

*Inventory of kit must be checked.

**All dosimeters of the same range should be due for recalibration in the same month.

ATTACHMENT 6
Page 2 of 4
Environmental Monitoring Emergency Kit No. 1

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
27	TLDs (2 for team members) (25 for environmental monitoring)	Inventory and/or change out all TLDs in accordance with DOS-NGGC-0009, Thermoluminescent Dosimeter (TLD) Badge Exchange.	
2	Bottles of potassium iodide (KI) tablets.	Expiration Date _____. (If the expiration date is less than 8 months in the future, reorder KI using Attachment 10.)	
2	Copies of OPEP-03.7.6, Emergency Exposure Controls, Attachments 3 and 4.	Current Revision No. _____.	
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
20	Plastic petri dishes with covers		
20	Poly ziplock bags, small		
1	Box of surgeon's gloves		
1	Siren key		
10	Silver zeolite cartridges		
2	Magic markers		
1	Box of pens		
1	Box of 47 mm air sample filters		
5	Air sample charcoal cartridges		
1	Dosimeter charger with batteries		

ATTACHMENT 6
Page 3 of 4
Environmental Monitoring Emergency Kit No. 1

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Flashlight		
12	D-cell batteries		
12	9-volt transistor batteries		
12	C-cell batteries		
2	Rolls of duct tape		
2	Respirators (particulate full-face)		
2	Protective clothing packages		
1	Log book		
10	One-gallon collapsible sample bottles		
10	Shipping boxes for gallon sample bottles		
1	Funnel		
1	Hand shovel or trowel		
1	Large Tri-pour beaker (800 ml)		
1	Clipboard		
2	Pads paper		
50	Poly zip-lock bags, medium		
1	Portable 2 channel radio w/charger		
1	Pair of tweezers		
1	Map of local area		
1	Book - Brunswick County Maps		

ATTACHMENT 6
Page 4 of 4
Environmental Monitoring Emergency Kit No. 1

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
6	Bottles of drinking water		
N/A	All instruments were left in the Off Position.		

Initials

Seal kit. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____ Date: _____
E&RC Technician

Reviewed By: _____ Date: _____
E&RC Supervisor or Designee

ATTACHMENT 7
Page 1 of 4
Environmental Monitoring Emergency Kit No. 2

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Is seal present on door? Yes ___ No ___ *	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
1	Portable generator	Does it run? Yes ___ No ___ Is fuel available? Yes ___ No ___ Oil level - SAT ___ UNSAT ___	
2	Check 0-500 mR self-reading dosimeters.	Calib. Due Date _____ **	
10	Check 0-5 R self-reading dosimeters.	Calib. Due Date _____ **	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R Meter	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Teletector or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	

*Inventory of kit must be checked.

**All dosimeters of the same range should be due for recalibration in the same month.

ATTACHMENT 7
Page 2 of 4
Environmental Monitoring Emergency Kit No. 2

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
27	TLDs (2 for team members) (25 for environmental monitoring)	Inventory and/or change out all TLDs in accordance with DOS-NGGC-0009, Thermoluminescent Dosimeter (TLD) Badge Exchange.	
2	Bottles of potassium iodide (KI) tablets.	Expiration Date _____. (If the expiration date is less than 8 months in the future, reorder KI using Attachment 10.)	
2	Copies of OPEP-03.7.6, Emergency Exposure Controls, Attachments 3 and 4.	Current Revision No. _____.	
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
20	Plastic petri dishes with covers		
20	Poly ziplock bags, small		
1	Box of surgeon's gloves		
1	Siren key		
10	Silver zeolite cartridges		
2	Magic markers		
1	Box of pens		
1	Box of 47 mm air sample filters		
5	Air sample charcoal cartridges		
1	Dosimeter charger with batteries		

ATTACHMENT 7
Page 3 of 4
Environmental Monitoring Emergency Kit No. 2

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Flashlight		
12	D-cell batteries		
12	9-volt transistor batteries		
12	C-cell batteries		
2	Rolls of duct tape		
2	Respirators (particulate full-face)		
2	Protective clothing packages		
1	Log book		
10	One-gallon collapsible sample bottles		
10	Shipping boxes for gallon sample bottles		
1	Funnel		
1	Hand shovel or trowel		
1	Large Tri-pour beaker (800 ml)		
1	Clipboard		
2	Pads paper		
50	Poly zip-lock bags, medium		
1	Portable 2 channel radio w/charger		
1	Pair of tweezers		
1	Map of local area		
1	Book - Brunswick County Maps		

ATTACHMENT 7
Page 4 of 4
Environmental Monitoring Emergency Kit No. 2

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
6	Bottles of drinking water		
N/A	All instruments were left in the Off Position.		

Initials

Seal kit. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____ Date: _____
E&RC Technician

Reviewed By: _____ Date: _____
E&RC Supervisor or Designee

ATTACHMENT 8
Page 1 of 4
Dosher Hospital Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Are all seals present on containers? Yes ___ No ___ *	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2 or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Air Sampler with combination filter holder	# _____ Does it run? Yes ___ No ___ Calib. Due Date _____	
20	Check 0-500 mR dosimeters	Calib. Due Date _____ **	
5	Check Five (5) 0-5 R Dosimeters.	Calib. Due Date _____ **	
20	TLDs	Inventory and/or change out all TLDs in accordance with DOS-NGGC-0009.	

*Inventory of containers must be checked.

**All dosimeters of the same range should be due for recalibration in the same month.

ATTACHMENT 8
Page 2 of 4
Dosher Hospital Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Copy of DOS-NGGC-0002	Current Revision No. _____.	
1	Copy of OPEP-03.9.2, First Aid and Medical Care	Current Revision No. _____.	
1	Copy of OE&RC-0110, Personnel Monitoring and Decontamination	Current Revision No. _____.	
1	Copy of OPEP-03.9.3, Transport of Contaminated Injured Personnel.	Current Revision No. _____.	
10	Disposable clothing packages--each containing coveralls, shoe covers, gloves, waterproof shoe covers, and head cover		
1	Utility knife		
5	Rolls of duct tape		
1	HEPA filtration unit \geq 250 scfm		
1	Dosimeter charger with batteries		
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
1	Storage receptacle		
1	Decon broom		
1	Smear holder slide tray		
1	Roll of sheet polyethylene		
1	Roll of yellow poly bags		
2	Five-gallon poly buckets		
1	Pair of tweezers		
2	Magic markers		

ATTACHMENT 8
Page 3 of 4
Dosher Hospital Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Box of Pens		
1	Clipboard		
> 25	Ample supply of radiological survey forms		
> 25	Ample supply of air survey forms		
500	Paper or cloth smears		
500	Coin envelopes		
50	Planchets, 2"		
2	Boxes of surgeon's gloves		
10	Step-off pads		
4	Packages of Broom cloths		
1	Box of tissues		
1	Pair of scissors		
2	Rolls of radiation tape		
1	Roll of radiation rope		
10	Insert style caution signs		
10	Inserts, "Keep Out"		
10	Inserts, "Radiation Area"		
10	Inserts, "High Radiation Area"		
10	Inserts, "Radioactive Material Area"		
50	Adhesive labels, "Caution Radioactive Material"		
5	Large yellow poly bags		

ATTACHMENT 8
Page 4 of 4
Dosher Hospital Emergency Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
12	9-volt transistor batteries		
12	D-cell batteries		
12	C-cell batteries		
8	Stanchions		
10	Charcoal filter cartridges		
2	Boxes of 47 mm Particulate Filters (sealed)		
N/A	All instruments were left in the Off Position		

Initials

Seal all containers. _____

Submit data to update computer schedule. _____

Comments: _____

Inventory Performed By: _____ Date: _____
E&RC Technician

Reviewed By: _____ Date: _____
E&RC Supervisor or Designee

ATTACHMENT 9
Page 1 of 3
Vehicle Decon Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
N/A	Container Seals	Are all seals present on containers? Yes ___ No ___ *	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RM-14 with pancake type G-M probe	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Bicron Micro R or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	RO-2A or Equivalent	# _____ Response Check Reading _____ Calib. Due Date _____	
1	Check source (approximately 8 μ Ci Cs-137)	# _____	
1	Copy of OPEP-03.7.7, Onsite Radiological Controls	Current Revision No. _____	
300	Feet water hose		
2	Water hose nozzle		
1	Duster cloth decon towels		
1	Case soap, liquid		
4	5 gallon plastic buckets		
6	Scrub brush		
1	Case maslin cloth		

*Inventory of containers must be checked.

ATTACHMENT 9
Page 2 of 3
Vehicle Decon Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Roll radiation rope		
25	Plastic step-off pad		
20	Insert style caution signs (3 pocket)		
20	"Contaminated Area" inserts		
20	"Radioactive Material" inserts		
15	"Enter @ SOP" inserts		
12	Stanchions		
1	Roll green Herculite (or equivalent)		
1	Roll yellow Herculite (or equivalent)		
10	PC sets (coveralls, plastic booties, rubber boots, cotton liners, rubber gloves, head cover (hood), rainsuit, face shield, tape		
2	RM-14 smear counter holder		
2	Spare HP 210 probes		
2000	Paper or cloth smears		
2000	Coin envelopes		
150	Feet 110 V elec. extension cord		
> 25	Ample supply of Radiological Survey Forms		
20	Mop heads		
2	Mop handles		

ATTACHMENT 9
Page 3 of 3
Vehicle Decon Kit

MONTH/YEAR _____

Minimum Quantity	Equipment/Supplies	Remarks	Verified (Initial)
1	Mop bucket w/wringer		
1	110 V elec. water pump w/10' suction and 20' discharge hoses		
5	55 gallon drums w/lids, rings, bolts (or equivalent)		
1	15/16" socket wrench		
20	Large plastic bags - yellow		
10	Black ink pens		
5	Black marker pens		
12	9-volt transistor batteries		
12	D-cell batteries		
12	C-cell batteries		
2	Flashlight w/spare batteries		
N/A	All instruments were left in the Off Position.		

Initials

Seal all containers.

Submit data to update computer schedule.

COMMENTS _____

Inventory Performed By: _____

E&RC Technician

Date: _____

Reviewed By: _____

E&RC Supervisor or Designee

Date: _____

ATTACHMENT 10
Page 1 of 1
Notification to Reorder Potassium Iodide

Brunswick Nuclear Plant

Date: _____

MEMORANDUM TO: Supervisor - Emergency Preparedness
FROM: E&RC Supervisor
SUBJECT: Expiration of Potassium Iodide (KI)

This letter is notifying you that the Potassium Iodide in Emergency Kit(s) is going to expire as follows:

<u>KIT</u>	<u>DATE</u>	<u>QUANTITY</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

This is your official notification to reorder an appropriate quantity of Potassium Iodide.

E&RC Technician

E&RC Supervisor

ATTACHMENT 11
Page 1 of 3
Checklist for Respiratory Protection Equipment

MONTH/YEAR _____

Initials

1. Control Room Kit

- a. Check seven (7) particulate respirators (1 small, 5 medium, 1 large) and update the inspection tags.

Resp. (S) # _____ Resp. (M) # _____

Resp. (M) # _____ Resp. (M) # _____

Resp. (M) # _____ Resp. (L) # _____

Resp. (M) # _____ _____

2. Technical Support Center Kit

- a. Check ten (10) particulate respirators (1 small, 8 medium, 1 large) and update the inspection tags.

Resp. (S) # _____ Resp. (M) # _____

Resp. (M) # _____ Resp. (L) # _____ _____

ATTACHMENT 11
Page 2 of 3
Checklist for Respiratory Protection Equipment

MONTH/YEAR _____

Initials

3. Emergency Operations Facility Kit

- a. Check sixteen (16) particulate respirators (1 small, 14 medium, 1 large) and update the inspection tags.

Resp. (S) # _____ Resp. (M) # _____

Resp. (M) # _____ Resp. (L) # _____

ATTACHMENT 11
Page 3 of 3
Checklist for Respiratory Protection Equipment

MONTH/YEAR _____
Initials

4. Operational Support Center Kit

- a. Check twenty (20) particulate respirators (1 small, 17 medium, 2 large) and update the inspection tags.

Resp. (S) # _____ Resp. (M) # _____ Resp. (M) # _____
Resp. (M) # _____ Resp. (M) # _____ Resp. (M) # _____
Resp. (M) # _____ Resp. (M) # _____ Resp. (M) # _____
Resp. (M) # _____ Resp. (M) # _____ Resp. (M) # _____
Resp. (M) # _____ Resp. (M) # _____ Resp. (L) # _____
Resp. (M) # _____ Resp. (M) # _____ Resp. (L) # _____
Resp. (M) # _____ Resp. (M) # _____ _____

5. Environmental Monitoring Kit No.1

- a. Check two (2) particulate respirators (medium size) and update the inspection tags.

Resp. # _____ Resp. # _____ _____

6. Environmental Monitoring Kit No. 2

- a. Check two (2) particulate respirators (medium size) and update the inspection tags.

Resp. # _____ Resp. # _____ _____

Performed By: _____ Date _____
E&RC Technician

Reviewed By: _____ Date _____
E&RC Supervisor or Designee

REVISION SUMMARY

Revision 21 of OPEP-04.6 consists of the following changes:

- Changed the location of the Environmental Monitoring Kits from the Technical Training Center to EOF Room 165.
- Removed specific reference to RIMS in Section 5 for updating the computer schedule. This will allow inventory schedules to be kept on improved tracking systems such as Passport.
- Added instruction to Section 5 to notify the Supervisor-Emergency Preparedness of any deficiencies found that are not easily corrected.
- Added instruction to notify the Supervisor-Emergency Preparedness when inventories have been completed.
- Added Attachment 12, Emergency Kit Replacements, and instructions to Section 5 to complete the attachment to document equipment and supplies replaced in the kits between inventories.
- Changed Attachments 1 - 9 to a standardized table format to simplify completion and better match those in use at RNP and HNP. Changed signature requirements for all Attachments from RC Technician to E&RC Technician and RC Supervisor to E&RC Supervisor or designee to allow Chemistry to perform inventories and flexibility in reviewers. Also eliminated redundant inventory items resulting from format change.
- Added a separate row for coin envelopes to Attachments 1-4 for better inventory control.
- Deleted Plant Floor Plan Prints from Attachment 1. Similar prints are available as part of the Fire Protection Plans permanently located in the Control Room along with a copy machine.
- Deleted copies of OPEP-03.7.6 and OPEP-03.7.7 from Attachment 2. These procedures are permanently available in the O&M Library which is part of the OSC and in the OPEP-04.2 OSC emergency kit for administrative supplies. Copiers are available in the O&M Library and in the copy room where the OPEP-04.2 administrative kit is stored.

REVISION SUMMARY

- Removed one RO-7 meter with low and mid-range detectors from the Attachment 3 TSC inventory and added to the Attachment 2 OSC inventory to ensure an RO-7 is available for missions dispatched from the OSC. The RO-7 remaining in the TSC kit is considered a backup for the RO-7 moved to the OSC kit. Also removed two of four batteries from the TSC kit and moved to the OSC kit for support of the RO-7.
- Added requirement to Attachment 3 for low and mid-range detectors for the RO-7 maintained as part of the TSC kit.
- Deleted requirement and **NOTE** to notify Security to inspect and seal containers and cabinets in Attachment 3. The TSC is no longer incorporated into the Protected Area negating the need for container searches by Security. Footnote in Attachment 11 with the same information was also deleted.
- Deleted the title "Decontamination kit containing:" from Attachment 4 for clarification. The decontamination kit is included as part of the EOF kit inventory and is extensive. The title implied the entire decontamination kit consisted of only a 55 gallon drum.
- Removed one-gallon sample bottles from the Environmental Monitoring Emergency Kits in Attachments 6 and seven. These were identified as never used by Environmental Monitoring Team members who preferred the one-gallon collapsible bottles already included in the kits.
- Added a hand shovel and large tri-pour beaker to the Environmental Monitoring Emergency Kits in Attachments 6 and 7 to facilitate collection of solid and liquid samples.
- Changed brand name for Nucon smears to cloth smears to allow generic equivalents and increased required inventory to 2000 in Attachment 9. Additional inventory added to replace 1000 paper smears which were identified as not used for the Vehicle Decon Kit.
- Changed wording in Attachment 11 from "change out" to "update" the inspection tags for respiratory protection. This reflects changes in inspection requirements and tags per OE&RC-0220. Also corrected typo in Attachment 11 changing 5 to 11 medium sized respirators in the EOF kit.



CAROLINA POWER & LIGHT COMPANY
BRUNSWICK NUCLEAR PLANT

I
Information
Use

PLANT OPERATING MANUAL

VOLUME XIII

PLANT EMERGENCY PROCEDURE

**SELECT
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UNIT
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NUCLEAR DOCUMENT CONTROL



OPEP-APPENDIX A

EMERGENCY RESPONSE RESOURCES

REVISION 72

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Technical Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Site Emergency Coordinator</u>			
Gene Atkinson	2056	371-2872	754-0424
Don Bain	2723	791-8261	754-0539
Robert Kitchen	2282	278-9359	754-0359
Glen Long	2611	845-2684	754-1938
Ralph Mullis	2127	395-4862	754-0541
John Titrington	3151	457-5108	754-0478
Mike Williams	3207	675-2293	754-0496
<u>Communications Director</u>			
Duty Pager	-	-	754-0874
James Burke	3220	253-9699	-
Mark Carey	2327	201-4034	754-0650
Steve Knotts	2801	371-1166	-
Ken Palmeter	3462	278-6329	-
David Poplin	3621	457-4728	755-3196
Robert Wallace	2761	845-6100	-
<u>Plant Operations Director</u>			
Duty Pager	-	-	
Don Bain	2723	791-8261	754-0539
Leonard Beller	2376	256-5029	754-0329
Ken Chism	2113	278-5027	754-0540
David Dearie	2375	799-0533	-
Paul Dubrouillet	2375	392-7968	754-1177
Dan Hardin	2049	371-6073	754-0344
Kenneth Hill	2376	457-5812	754-0528
David Hinds	2375	686-3188	754-0472
David Jenkins	2295	452-1230	754-0466
Dave Jester	2113	395-1670	754-0544
Glen Long	2611	845-2684	754-1938
Robert Parmelee	2376	278-9748	754-1196
John Reinsburrow	2113	457-5122	754-0425
Mark Schall	2113	371-2469	754-0543
Hal Wall	3185	278-9780	754-1995
Michael Williams	3207	675-2293	754-0496
Bill Woodbury	2113	845-2752	754-1937

ATTACHMENT 1
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Technical Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Radiological Control Director</u>			
Duty Pager	-	-	754-0876
Dave DiCello	2235	452-1000	754-1944
Jeff Ferguson	2521	799-9656	-
Danny Holder	2239	799-6944	754-0389
Jerry Johnson	2264	686-1251	754-0560
<u>Radiological Control Communicator</u>			
Roy Adams	2744/2645	278-4109	457-4058
Gary Galloway	3042	842-2756	-
Lee Hammel	2442	201-1688	754-1167
James Manis	2246	845-2912	-
Scott Taylor	2125	754-6106	754-0390
Mike Tusai	2515	575-7350	-
Myron Walker	2246	278-5168	-
Miller Williams	2915	457-5019	754-0342
<u>Technical Assessment Director</u>			
Duty Pager	-	-	754-0878
Bob Cowen	2048	791-5616	754-0326
Jerry Crider	2712	395-2675	-
Chris Patterson	2274	763-4196	754-1193
Si Riffle	2175	799-1009	754-0729
Harry Willetts	3646	253-5292	754-1933
Blane Wilton	3132	392-9171	800-443-7243 ID # 014218

ATTACHMENT 1
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Technical Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Accident Assessment Team Leader</u>			
Duty Pager	-	-	754-0877 754-1162
Gary Anthony	2444	799-9321	754-0383
Terry Bowman	3685	371-0210	-
Jeff Cannon	2626	392-3989	754-0877
Pete Dorosko	2085	791-7054	754-0748
Paul Flados	2548	791-3653	754-0422
Bob Jernigan	3046	395-0136	754-0302
Steve Kronenwetter	3408	457-6279	-
Terry Ward	3240	278-6627	-
<u>Accident Assessment Team - Electrical Engineering</u>			
Rex Allen	3542	845-3000	-
William Cooper	3541	383-6118	-
Chris Crothers	3585	278-6026 ext/330	754-0703
Bobby Fuston	3297	791-9943	-
Kenneth Karp	3428	343-4285	754-0552
Leo Kuffel	3136	452-5534	-
Ed Kwalick	3213	799-8386	-
Wayne Leonard	2847	845-3575	-
James McPadden	3215	270-9862	-
Norman Smith	3327	278-3876	754-1127
Jeff Suggs	3229	792-1017	-
Mark Thraikill	3303	371-5796	-
Deirdra Wade	3350	383-3868	-

ATTACHMENT 1
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Technical Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Accident Assessment Team - Mechanical Engineering</u>			
Gary Anthony	2444	799-9321	754-0383
John Bass	3104	845-0608	-
Aron Borodotsky	2361	397-0724	-
Steven Butner	2353	452-2219	-
William Caraway	3232	371-2448	-
Clark Casanova	2488	253-6862	-
Charles Eames	2689	278-8976	-
Phil Gore	2318	287-3507	-
Clifford Greeno	2797	278-5915	-
Libba Harrelson	2507	278-6418	-
George Holdsworth	3008	842-5972	-
Chris Hughes	3534	278-5730	754-0452
Frank Jefferson	2064	686-0880	755-3261
Chris Jones	3238	278-5314	754-0436
Keith Plymale	2440	457-6683	-
Chuck Raines	3295	452-4588	754-0301
Clement Rajendra	3459	799-6356	754-0483
Mike Rogers	2188	395-4643	-
Tim Rouns	3247	278-7599	-
Roger Sims	3300	799-3721	754-1038
Gerald Spry	3424	395-6421	754-0325
Martin Souther	3373	350-2794	754-1164
William Stackhouse	2746	845-8673	-
Boyd Stanley	2495	845-3554	-
Gene Thaden	2337	278-6857	-
Richard Tripp	3441	392-6209	754-0572
Joe Walter	2510	763-8889	-
Don Warren	3063	791-5224	-
Bertrand Wilder	3141	313-2827	754-0328
Kenneth Woodard	3275	793-5437	755-3170
Larry Yemma	3144	799-3360	-

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Technical Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Accident Assessment - Reactor Engineering (Duty Nuclear Engineer)</u>			
Duty Pager	-	- Primary Backup	754-0212 754-0341
John Gee	3521	791-4782	754-0471
Cecil Rhodes	2299	457-4778	-
Bryan Wester	2116	457-4669	-
Hans Westermark	2283	395-0510	-
<u>Security Director</u>			
Duty Pager	-	-	754-0850
Allen Brittain	3645	457-6549	754-0641
Cleveland A. Bryant	2257	371-9224	754-0524
Michael Clemmons	2257	457-4451	754-0524
Edward Conway	2749	754-9044	754-0850
Marty Folding	3579	253-7154	754-0763
Charlie Grady	2257	253-6751	754-0524
Curtis Ledbetter	2257	845-2541	754-0524
Roy Mintz	3359	278-9091	754-0850
Al Rasdon	2253	278-1449	754-0458

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Operational Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Emergency Repair Director</u>			
Duty Pager	-	-	754-0875
Richard Bissett	2107	791-7117	754-0393
Steve Bostic	2186	371-5850	754-0349
Rich DeLong	3219	392-8630	754-0347
Kendall Jones	2556	278-9651	754-0619
Fred King	2366	253-9175	754-0618
Tim King	2276	287-6970	754-0653
Mark McPherson	2389	642-5806	754-0614
Dan Moore	2185	791-4189	754-1126
Ed Quidley	2146	350-0155	754-0216
Hank Sanders	2367	686-9010	754-0627

Operational Support Center Mission Coordinator

Duty Pager	-	-	754-0852
Michael Albritton	2468	392-3066	755-3044
Ricky Batts	2349	686-9566	754-0485
Richard Bissett	2107	791-7117	754-0393
Jimmy Blackburn	2697	653-4940	754-0626
Steve Bostic	2186	371-5850	754-0349
Glen Collins	2285	371-1225	754-0320
Roger Hall	3161	371-6974	754-0516
Eddie Hammonds	3378	654-5436	754-0339
DeWayne Hardwick	2292	653-9063	754-0360
William Hines	2365	675-9154	754-0508
Fred King	2366	253-9175	754-0618
Bob Legette	2149	253-3636	754-0613
Terry Pait	2354	754-5550	754-0525
Bip Proctor	2387	457-5437	754-0517
Larry Rieman	3124	686-1915	754-0620
Paul Smith	2090	799-2173	754-0314
Henry Stanley	3241	457-9439	754-0565
Sam Yarboro	2465	278-5772	754-0331

ATTACHMENT 2
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Operational Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Duty Ops Coordinator</u>			
Duty Pager	-	-	754-0868
Darren Best	2376	452-4265	754-0511
Russell Brewer	3492	799-8115	-
Dave Robine	2676	371-0633	754-1159
Leunis van Eeden	3603	792-0005	754-0637
Lew Van Kleeck	2108	793-5718	754-0610

NOTE: The individuals listed above have been designated as Duty Ops Coordinator; other licensed operators may also fill this position.

E&RC Coordinator

Duty Pager	-	-	754-0865
Ed Funderburke	2516	457-4472	754-0475
David Hall	2593	799-7552	754-0477
Thomas Jones	3514	866-4314	754-1978
Tony Priest	2633	754-7278	754-1172
Jasper Taylor	2577	253-5622	754-0702
Scott Taylor	2125	754-6106	754-0390
Willie Thompson	2242	343-0312	754-1185

Health Physics Lead

Rendell Parker	2246	392-3886	-
Willie Thompson	2242	343-0312	754-1185

Chemistry Lead

Marty McGowan	2530	799-9877	-
Bud McLendon	2537	686-9821	754-0459
Drew Petrusic	2728	395-8417	-
John Piepmeyer	2096	392-8561	754-0562
Louis Tice	3650	799-2983	-

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Operational Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Planner (Mechanical)</u>			
Duty Planner Beeper	-	-	754-0523
Jerry Barnes	2598	754-4021	754-0577
Curtis Britt	2181	655-3377	-
Michael Clark	3079	647-5791	-
Donald Harrison	2415	278-9336	-
Thomas Hobbs	2559	842-5517	-
Reggie Knight	2558	371-3283	-
Thomas Moore	3623	253-4928	-
Vern Roscoe	2812	845-8669	-
William Wells	3095	201-4132	-
<u>Planner (I&C)</u>			
Duty Planner Beeper	-	-	754-0569
Cliffton Hearrell	2135	278-5930	-
Brian Howard	3673	278-5475	-
Jeff Johnson	2350	790-9962	-
James E. King	2103	457-6531	-
Ricky McLain	3268	371-0637	-
Jeff Taylor	3081	675-3650	754-0569
Ricky Taylor	2378	201-1028	-

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Operational Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Chemistry Technicians</u>			
Richard Barmore	2258	278-6126	-
Inez Bryant	2258	452-1319	-
Clarence Cates	2247	845-2315	-
Stephen Chiappisi	2248	395-0057	-
Carl Harris	2258	256-4661	-
Mitchell Hartlaub	2247	395-2801	-
Steve Lee	2247	350-0926	-
James Livengood	2248	675-8134	-
Roy Meares	2258	457-6043	-
Charles Nelson	2258	686-1295	-
Linda Padgett	2258	686-3350	-
David Peedin	2247	686-4929	-
Teena Roeder	2258	791-0735	-
Tim Stoltz	2247	397-0195	-
Charles Wilson	2247	392-6901	-

ATTACHMENT 2
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Operational Support Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Health Physics Technicians</u>			
Joseph Alford	2036	278-3240	-
Mark Allmond	2245	794-1511	-
Joseph Anderson	2036/2148	791-0572	-
William Clifton	2246	579-6580	-
James Criscoe	2246	278-1775	-
Thomas Duncan	2246	754-2258	-
Paul Fulton	2246	392-2752	-
Bryant Harllee	3050	845-2290	-
Floyd Harris	2246	842-7878	-
Bryan Hatton	2246	201-1354	-
Michael Humphrey	2246	278-4510	-
Christopher Johnson	2246	278-3968	-
Jeffrey Jones	2148	458-7754	-
Thomas Jones	3514	866-4314	754-1978
Timothy Jones	2036/2148	278-5744	-
John Jordan	2246	457-9825	-
Rex Key	2246	259-5309	-
Steven Knight	2246	799-4069	-
James Manis	2599/2246	845-2912	-
Lowell Mason	2246	392-2267	-
Paul McGowan	2439	686-5511	-
Jackie Nethercutt	2310/2246	458-4452	-
Carol O'Reilly	2246	278-5603	-
Rendell Parker	2246	392-3886	-
John Reade	3163/2637	278-7120	-
Thomas Reedy	2246	457-0699	-
		799-1009	
Teresa Russo	2246	383-3111	-
Velvyn Shirley	2246	383-0176	-
Walter Short	2246	845-3450	-
Greg Shortell	2246	799-8268	-
Lou Smith	2246	371-3946	-
Jesse Swinson	2814/2036	278-4138	-
Myron Walker	2246	278-5168	-
Elizabeth White	2246	397-2893	-
Miller Williams	2915	457-5019	754-0342
Jesse Wood	2246	754-2706	-

ATTACHMENT 3
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Emergency Operations Facility

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Emergency Response Manager</u>			
Duty Pager	-	-	754-0866
David Dicello	2235	452-1000	754-1944
Warren Dorman	2068	278-6500	754-0866/ 800-331-7242 PIN 519901
Jon Franke	2866	395-5690	754-0547
Neil Gannon	3698	452-0367	754-0461
Jeff Lyash	3164	791-0910	754-0407
Bill Noll	3059	278-6908	754-1996
<u>Communications Manager</u>			
Duty Paggers	-	-	754-0860 754-0854
Robert Creech	2316	457-5633	-
Warren Dorman	2068	278-6500	754-0866 800-331-7242 PIN 519901
Charles Elberfeld	2136	371-0372	754-0810
Bill Murray	2842	395-7806	-
Ken Nicely	2667	452-5182	-
Bob Poulk	2314	253-7802	-
Steve Tabor	2178	395-5002	754-0605
Glen Thearling	2038	371-2881	-
Mark Turkal	3066	791-8109	754-0468
Ralph Whitley	3015	452-4590	-
<u>Dose Projection Coordinator</u>			
Duty Pager	-	-	754-0864
Eugene Haik	2246	845-5677	754-0853
William Hinson	2032	343-8494	-
Wayne Neeley	2532	799-4945	-
Guy Prosper	2198	793-6652	754-1179
Ed Rochelle	2716	686-2371	-

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Emergency Operations Facility

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Radiological Control Manager</u>			
Duty Pager	-	-	754-0869
Kent Crocker	3165	278-9235	754-0214
Jim Davis	2529	457-5763	-
Jackie Gawron	2447	457-4396	754-1176
Guy Prosper	2198	793-6652	754-1179
Larry Ratliffe	3089	845-2240	-
Chuck Shelton	2190	253-7839	754-0479
<u>Environmental Monitoring Team Leader</u>			
George Baird	2538	278-9270	754-1183
Joan Bozeman	2848	395-2295	-
Hayden Caylor	3687	457-5402	754-1180
Jim Davis	2529	457-5763	-
Marty McGowan	2530	799-9877	-
Grant Raker	2664	457-5724	-
<u>Environmental Monitoring Team Members</u>			
Ervin Almond	3544	686-9919	
George Baird	2538	278-9270	754-1183
Myron Baltezar	2247	675-1702	-
Richard Barmore	2258	278-6126	-
Pat Godsey	2709	395-2001	-
Inez Bryant	2258	452-1319	-
John Burrell	3370	350-1948	-
Clark Casanova	2488	253-6862	-
Clarence Cates	2247	845-2315	-
Hayden Caylor	3687	457-5402	754-1180
Steve Chiappisi	2248	395-0057	-
Jim Davis	2529	457-5763	-
Alex Foscue	2247	395-6543	-
Carl Harris	2258	256-4661	-
Mitch Hartlaub	2247	395-2801	-
Wanda Hohnsbehn	2247	791-5979	-
Steven Lee	2247	350-0926	-
James Livengood	2248	675-8134	-
Bud McLendon	2537	686-9821	754-0459
Roy Meares	2248	457-6043	-
Charles Nelson	2258	686-1295	-
Linda Padgett	2258	686-3350	-
David Peedin	2247	686-4929	-

ATTACHMENT 3
Page 3 of 5
Emergency Operations Facility

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Environmental Monitoring Team Members (continued)</u>			
Drew Petrusic	2728	395-8417	-
John Piepmeyer	2096	392-8561	754-0562
Wade Richardson	2091	454-9967	-
Teena Roeder	2258	791-0735	-
Tim Stoltz	2247	397-0195	-
Louis Tice	3650	799-2983	-
William Weisberg	2258	799-1547	-
Charles Wilson	2247	392-6901	-
<u>Assistant Emergency Response Manager</u>			
Duty Pager	-	-	754-0867
Lorenzo Johnson	3211	754-4062	754-0507
Gary Miller	2110	350-2638	754-0271
Tom Shortell	3343	457-0570	754-0288
Ricky Tart	2765	278-9316	-
<u>Technical Analysis Manager</u>			
Duty Pager	-	-	754-0863
Bruce Aukland	3194	799-3381	754-1157
Mark Grantham	3217	452-4488	754-0633
J. E. Harrell	3586	686-9513	754-0521
Ronald Kropp	2705	350-0765	-
John McIntyre	3119	452-3645	754-0551
Rich Williams	3145	791-7243	754-1955
<u>Administrative and Logistics Manager</u>			
Duty Pager	-	-	754-0862
Ed Allen	2079	278-6051	754-0220
Maynard Chipman	2868	253-7107	-
Janet Crews	3206	686-1669	-
Craig Huffman	2501	754-2090	754-0647
Phil Leich	2271	392-5342	754-0505

ATTACHMENT 3
Page 4 of 5
Emergency Operations Facility

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>EOF Senior Reactor Operator (SRO)</u>			
Duty Pager	-	-	754-0859
Keith Bowdon	2280	201-4236	-
Matt Knuth	2375	457-0552	-
Curt Robert	3222	452-9369	-
Jim Simon	3525	253-5302	-
<u>ERFIS Operator</u>			
Duty Pager	-	-	754-0858 754-1941
Dave Dorsett	2121	457-5493	754-0870
Larry Dunlap	2641	845-8751	754-0498
Gus Grosch	2642	278-5665	754-0376
Dave Guseman	3234	371-1106	754-0484
David Harvey	3013	792-9383	754-0488
Brian Rawls	2531	791-3777	754-0629
Bob Stenger	2288	799-3753	754-1154
<u>Emergency Preparedness Representative</u>			
Mike Alford	2286	799-1026	754-0861
Cynthia Cashwell	2673	278-3025	754-0871
Teresa Gildersleeve-Thompson	3627	395-8454	754-0764
Mike Kinney	3170	392-2079	754-1182
<u>Brunswick County EOC Representatives</u>			
Darin Benyak	2750	371-6768	754-0414
Arnie Hegler	2786	457-5831	
Lorenzo Johnson	3211	754-4062	754-0507
Bob Poulk	2314	253-7802	-

ATTACHMENT 3
Page 5 of 5
Emergency Operations Facility

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>New Hanover County EOC Representatives</u>			
J.E. Harrell	3586	686-9513	754-0521
Wayne Pearce	3386	799-6265	754-0487
James Potter	2666	395-0315	-
Louis Tice	3650	799-2983	-
<u>State EOC Representatives</u>			
David Lee	919-546-2529	919-846-6321	
Paul Snead	919-362-3372	919-954-9672	

ATTACHMENT 4
Page 1 of 3
Support Positions (OSC, TSC, and EOF)

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Status Board Plotter</u>			
Joe Broome	3128	458-5161	-
Michael Grimstead	2164	686-4136	754-0351
Don Hardee	3587	278-4856	-
Robert Hause	3024	763-4727	-
Terry McDonald	2622	457-9237	-
Marshall McKoy	2799	371-3272	754-0423
Jim McPadden	3215	270-9862	-
Woody Mercer	3436	579-5869	-
Ed Morris	3602	458-0069	-
Craig Reynolds	2133	845-8914	-
George Rublein	3131	799-2037	-
Dewey Stidham	2557	392-1258	-
Dan Turner	2284	845-2519	-
Don Ward	2065	287-6830	-
Harvey Wheeler	3692	791-8474	-
<u>Phone Talker</u>			
Denise Caudill	2562	845-3175	-
Linda Elvington	2154	371-9794	-
Janie Jacobs	2452	392-6506	-
Charlene Noe	2214	362-9816	-
Josephine Parker	3323	457-9763	-
Donna Pierce	2778	278-3692	-
Katrina Robbins	2021	371-1013	-
Pam Rouse	3675	815-0921	-
Ethelene Stanley	2467	457-5646	-
<u>ENS Communicator</u>			
James Burke	3220	253-9699	-
Mike Foss	2549	253-4907	-
James Morris	2906	686-2524	-
Ken Palmeter	3462	278-6329	-
David Poplin	3621	457-4728	755-3196
Steve Reynolds	3679	278-6722	-
Gerald Roberts	3690	842-4533	-

ATTACHMENT 4
Page 2 of 3
Support Positions (OSC, TSC, and EOF)

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Administrative Staff</u>			
Becky Bryant	2226	278-6290	-
Ronnie Burnish	2228	278-6655	-
Beverly Capanda	2883	371-3095	-
Lloyd Carmon	2457	791-2586	-
Denise Caudill	2562	845-3175	-
Glenda Dennis	2795	278-5919	-
Linda Elvington	2154	371-9794	-
Beverly Foscolo	2207	458-3671	-
Robin Jackson	2512	371-1103	-
Janie Jacobs	2452	392-6506	-
Cornelia Johnson	2707	251-1727	-
Rose M. Martin	3547	278-6363	-
Carol Dean Mason	2315	842-5760	-
Phyllis Norris	2692	252-393-6069	-
Donna Pierce	2778	278-3692	-
Nina Prince	2563	845-2713	-
Katrena Robbins	2021	371-1013	-
Jan Rosenbauer	2482	278-6142	-
LeAnn Spencer	2041	457-0687	-
Barbara Taylor	2031	845-5636	-
Tina Taylor	2736	343-1091	-
Theresa Tripp	2215	392-6209	754-1171
Gwendolyn Vaught	3661	371-6633	-
Debra Wilkie	2081	845-9673	-
<u>Access Control Logkeeper</u>			
Vince Chirdon	2104	845-3660	-
Donna Collins	2544	371-2622	-
Gene Connor	2310	845-2406	754-0402
David Lamb	2485	253-6674	754-0439
Patricia Mathis	2607	371-5410	-

ATTACHMENT 4
Page 3 of 3
Support Positions (OSC, TSC, and EOF)

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Public Information Communicators</u>			
Robert Creech	2316	457-5633	-
Pete Jordan	2087	383-1088	-
Bill Murray	2842	395-7806	-
GlenThearling	2038	371-2881	-
Mark Turkal	3066	791-8109	754-0468
Steve Tabor	2178	395-5002	754-0605
<u>Switchboard Operator</u>			
Charlene Del Pezzo	2456	278-9584	-
Colene Gore	2534	842-9958	-
Angie Hill	2796	842-3697	-
Liz Rabon	2602	253-6074	-
Dawn West	3393	457-4760	-
Debra Wilkie	2081	845-9673	-

ATTACHMENT 5
Page 1 of 3
Joint Information Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Company Spokesperson</u>			
Duty Pager	-	-	754-1174
Darin Benyak	2750	371-6768	754-0414
Ann Mary Carley	3113	201-1450	800-443-7243 ID# 029679
Sam Melton	2519	452-0023	754-0510
George Shampy	2576	457-1161	754-0450
<u>JIC Director</u>			
Duty Pager	-	-	754-0419
John Bates	3020	278-6210	-
Joy Casteen	2105	457-6080	754-0509
Teresa Clark	2189	457-5204	-
Katy Core	2690	842-1585	-
Sylvia McLeod	2221	845-3250	754-0704
Gwen Midyette	2418	457-0798	754-0221
<u>Company Technical Spokesperson</u>			
Duty Pager	-	-	754-0604
Gregg Ludlam	3618	201-4031	754-0555
Jim Boone	2317	392-0992	-
Tony Pearson	2057	392-4825	754-1947
Curtis Schacher	2372	799-2181	-
<u>Administrative Coordinator</u>			
Ray Bryant	2204	278-3404	-
Kay Hewett	2153	842-8600	-
Susan Johnson	2764	278-9181	-
Jinx Kessel	2095	278-6054	-
Sylvia McLeod	2221	845-3250	754-0704
Martha Robinson	2205	253-4474	-
Tami Sellers	2781	253-4158	-

ATTACHMENT 5
Page 2 of 3
Joint Information Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Public Information Director</u>			
John Bates	3020	278-6210	-
Harlee Bordeaux	2359	754-8503	754-1186
Tim Brennick	2180	253-5036	-
Katy Core	2690	842-1585	-
Winifred Harrison	2398	395-0793	-
John Langdon	2072	278-8984	-
Sue Pigott	3203	579-1243	-
Donnie Register	2478	392-2215	-
Mary Wilson	2220	253-0044	-
<u>Technical Specialist</u>			
Bill Bayrd	2092	799-3257	-
John Goelz	3554	278-6924	-
Eric Harkcom	2655	452-9306	-
Joel Melito	2279	686-4923	-
Thomas Russell	2763	371-3755	754-0606
Ed Scharff	2464	791-5116	754-0649
Daniel Zebroski	3288	793-6302	-
<u>Administrative Assistants</u>			
Barbara Brown	2490	392-0247	-
Martha Brown	3572	371-1605	754-0410
Eva Corbett	2669	253-6877	-
Sylvia Edwards	3409	452-0850	-
Carol Lewis	2860	457-3489	754-0535
Sarah Long	2805	798-8542	-
JoAnn Raleigh	2152	253-7682	-
Pauline Stringfield	2724	253-4258	-
Deanne Theriot	2683	793-2529	754-0323
Sheila Williams	2438	654-3899	-
Wolf Rice	2541	395-4466	-
<u>Media Badging Specialists</u>			
Brenda Cook	2564	253-6231	-
Linda Fasnacht	3044	845-0202	-
Dedra King	2259	253-7483	-
Darlene Mansfield	2681	278-1656	-
Janice Owens-Kuigre	2578	842-2568	-
Marsha Torbic	3454	845-2089	-

ATTACHMENT 5
Page 3 of 3
Joint Information Center

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Public Information Specialists</u>			
Charles Boedeker	3626	458-0731	-
John Campbell	3506	457-9732	-
Mike Ciernicki	2374	457-9930	-
Winnie Harrison	2398	395-0793	-
Nancy Holley	2243	457-5959	-
Mary James	2151	845-8933	-
Jane Kirk	3630	392-9051	-
Courtney Lancaster	2735	796-0500	-
Dennis Miller	3505	653-9244	-
Sue Pigott	3203	579-1243	-
James Steverson	3433	392-4615	-
Charles Van Slyke	3431	397-9133	-
Marsha Torbic	3454	845-2089	-
Edna Willis	2035	457-6985	-

ATTACHMENT 6
Page 1 of 2
Miscellaneous

METEOROLOGY

	<u>Caronet</u>	<u>Bell</u>
<u>Murray and Trettel, Inc.</u> (Contract # XTA4000008)	8-751-2918 8-751-2919	847/446-7800 919/362-2918 919/362-2919
<u>National Weather Service</u> Wilmington, NC Emergency Number Emergency Mgmt	-	800/697-3901 910/763-8331 910/762-8043 910/762-0524
Newport, NC	-	252/223-2328 252/223-3673 (fax)

CP&L CONTACTS

	<u>Work Phone</u>	<u>Home Phone</u>	<u>Pager</u>
<u>Media and Employee Communications</u>			
Ann Mary Carley-Site Communications Mgr.	3113	201-1450	800-443-7243 ID# 029679

Corporate Communications 24 Hour
Number 919/546-6189

	<u>Caronet</u>	<u>Bell</u>	<u>Pager</u>
<u>Telecommunications Repair</u>			
1) BNP Nuclear Inf. Tech. (On-Call)	2222	-	754-0460
2) Interpath Help Desk	8-800-6200	1-800-800-6200	-
3) Wayne Pearce	3386	910/799-6265	754-0487

Raleigh Load Dispatcher ARD - Control Room 800/653-3380

	<u>Primary</u>	<u>Alternate</u>
<u>Satellite Communications</u>	011 874 683 134895	011 873 683 134895

ATTACHMENT 6
Page 2 of 2
Miscellaneous

PUBLIC ADDRESS SYSTEMS

Phone

Technical and Administrative Center (TAC) Building	699-00
Operations and Maintenance (O&M) Building	688-00

OFF-SITE FIRE/MEDICAL ASSISTANCE

	<u>Primary</u>	<u>Alternate #1</u>	<u>Alternate #2</u>
<u>Medical Consultants to BNP</u>			
Dr. Forstner	457-9564	278-3981 457-0055	457-6800 457-4244 (Pager)
Dr. Almirall	278-3316	278-6250	457-4165 (Pager)
<u>Hospitals</u>			
Dosher Hospital	457-3925 457-3926	457-3800	
New Hanover Regional Medical Center	343-2440	343-7000	
<u>Rescue Squad</u>			
Southport Volunteer Rescue Squad	911	457-7911	457-7917
Brunswick County EMS	911	253-7490	253-5383
Sunny Point Fire Dept/EMS	911	457-8217	457-8218
<u>Fire Departments</u>			
Southport Fire Department	911	457-7911	457-7917
Yaupon Beach Fire Department	911	278-6797	278-5595
Boiling Spring Lakes Fire Department	911	845-2818	845-2247
Long Beach Fire Department	911	278-1000	278-5595 278-6190
Sunny Point Fire Dept/EMS	911	457-8217	457-8219

ATTACHMENT 7
Page 1 of 2
Federal, State, and County Agencies

U. S. Nuclear Regulatory Commission

Atlanta, Georgia	Days, Nights, and Holidays		404/562-4400 404/562-4900(FAX) 404/562-4969(FAX)
White Flint, Maryland	Upon Failure of ENS	Phone Backup Backup Backup Fax	301/816-5100 301/951-0550 301/415-0550 301/415-0553 301/816-5151
HPN - Health Physics Network			301/951-0550

Work Phone Home Phone Pager

NRC Resident Inspectors

Ted Easlick	2432	910/796-6777 910/796-6700	910/457-1370
Eva Brown	2311	910/395-4975	910/457-1371
Eugene Guthrie	2831	910-793-0597	910-457-1372

U.S. Department of Energy

Savannah River Operations Office Radiological Assistance Teams Region 2 Radiological Assistance Program	803/725-3333 865/576-1005 or 865/525-7885
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Primary Alternate

Institute of Nuclear Power Operations (INPO)

Emergency Notification Telephone (ENT) System	800/321-0614	770/644-8000
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Primary
(Working Hours) Alternate #1 Alternate #2

State of North Carolina

NCEM Operations Center	Selective Signaling	919/733-3942	800/858-0368 919-733-3867
NC State Warning Point (Highway Patrol Communications Center Raleigh)	Selective Signaling	919/733-3861	800/662-7956
Division of Radiation Protection, Raleigh		919/571-4141	

ATTACHMENT 7
Page 2 of 2
Federal, State, and County Agencies

	<u>Primary Working Hours</u>	<u>Alternate #1</u>	<u>Alternate #2</u>
<u>Brunswick County</u>			
Emergency Management	800/522-2366	910/253-2565 910/253-4377	910/253-4378 910/253-4376
Warning Point (911 Center)	Selective Signaling 910/253-7491	911	910/253-7490
<u>New Hanover County</u>			
Emergency Management Warning Point (County Sheriff)	Selective Signaling Selective Signaling	910/341-4300 910/762-5228 910/341-4254	910/371-8425 (Pager) 910/371-8424 (Pager) 910/341-4256 910/762-5227
<u>U.S. Coast Guard</u>			
Fort Macon Group HQ Morehead City	Selective Signaling	252/247-4545	252/247-4544 252/247-4570
Marine Safety Office Wilmington	Selective Signaling	<u>Working Hours</u> 910/772-2200 Extension 0 Fax: 772-2205	<u>After Hours</u> Officer of the Day Pager: 910/313-5213 Officer of the Day Cell Phone: 910/231-1855
<u>State of South Carolina</u>			
South Carolina Warning Point			803/896-9621
South Carolina Bureau of Nuclear Emergency Planning			803/896-4096
South Carolina Bureau of Land and Waste Management			803/896-4000
South Carolina Bureau of Radiological Health			803/737-7400
South Carolina DEHEC Emergency Response			888/481-0125 803/253-6488

ATTACHMENT 8
Page 1 of 2
Other Outside Agencies

Emergency Aircraft Service

(Fixed wing or helicopter service)

	<u>Primary</u>	<u>Alternate</u>
U. S. Helicopter, Inc.	704/233-4254	704/291-2631 (Pager) 704/233-9550 (Home)
Piedmont Aviation (Fixed Wing) (Contract # XTA4000258)	800/548-1978	336/776-6100 836/776-6119

Sunny Point Military Ocean Terminal

Security (manned 24 hours)	457-8315	457-8503 457-8318
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General Electric

San Jose, Calif. (Contract #ZM70020000)	408/971-1038
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American Nuclear Insurers

West Hartford, Conn.	860/561-3433
Fax	860/561-4655

N.C. Natural Gas Corporation

(Natural Gas Flow Isolation)	910/483-5328
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National Earthquake Information Center 303/273-8500

Atlantic Bell Telephone

0800-1700	910/754-4311
1700-0800	910/754-4317 (Voice Mail activates on-call pager)
Weekends, Holidays	

ATTACHMENT 9
Page 1 of 1
Telecopier Numbers

	<u>Primary</u>	<u>Alternate</u>
CP&L		
Corporate Communications	919/546-6615	919/546-7678
Joint Information Center	910/754-8751	
Control Room	910/457-2132	
Operational Support Center		
Library	910/457-3249	
Technical Support Center	910/457-4880*	
Emergency Operations Facility	910/457-4845*	
Emergency Preparedness Unit	910/457-3014	
Brunswick County		
Warning Point	910/253-4451	
Emergency Operations Center	910/253-4010	
Emergency Management Office	910/253-4451	
New Hanover County		
Warning Point	910/341-4038	
Emergency Operations Center	910/341-4299	
Emergency Management Office	910/341-4299	
North Carolina State		
Warning Point	919/733-8134	
Emergency Operations Center	919/733-7554	
Joint Information Center	910/754-9760	
Coast Guard		
Fort Macon Group HQ	252/247-4579	
MSO/Emergency Operations Center	910/772-2205	
NRC Operations Center		
White Flint, MD	301/816-5151	
INPO		
Atlanta, GA	770/644-8549	
	770/644-8567	

If transmitting to this telecopier from another machine on the Brunswick site, the following must be used (the four number extension alone will not connect with the telecopier):

TSC - 9-457-4880
EOF - 9-457-4845

ATTACHMENT 10
Page 1 of 2
Brunswick Emergency Facilities Directory

NOTE: When someone calls from off-site into an Emergency Facility with a 4000 extension, they must call the Emergency Operator at 457-4850 and request the person, ERO position or extension with whom they wish to speak.

CONTROL ROOM	SHIFT SUPERINTENDENT	2113
CONTROL ROOM	UNIT SENIOR REACTOR OPERATOR	4103
CONTROL ROOM	UNIT 1 CONTROL OPERATOR	4108
CONTROL ROOM	UNIT 2 SENIOR REACTOR OPERATOR	4104
CONTROL ROOM	UNIT 2 CONTROL OPERATOR	4109
CONTROL ROOM	TELECOPIER	2132
CONTROL ROOM	EMERGENCY COMMUNICATOR'S DESK	4079
	(from outside)	457-9236
EOF	ADMINISTRATIVE AND LOGISTICS MGR	4810
EOF	ASSISTANT TO EMERGENCY RESPONSE MGR	4811
EOF	DOSE PROJECTION COORDINATOR	4817/4818
EOF	COMMUNICATIONS MANAGER	4809
EOF	EMERGENCY RESPONSE MANAGER	4801
EOF	ENVIRONMENTAL MONITORING	4812/4814
EOF	NC EMERGENCY MANAGEMENT	4802
EOF	OFF-SITE COMMUNICATOR	4701 THRU 4703
EOF	RADIOLOGICAL CONTROL MANAGER	4807
EOF	SENIOR REACTOR OPERATOR	4803
EOF	TECHNICAL ANALYSIS MANAGER	4805
	(457-3580 FROM OFF SITE)	
EOF/TSC	EMERGENCY OPERATOR	4000
EOF	PUBLIC INFORMATION COMMUNICATOR	4054
	(457-4850 FROM OFF SITE)	
EOF/TSC	TELECOMMUNICATION COORDINATOR	4888
OSC	ASSISTANT EMERGENCY REPAIR DIRECTOR	4061
OSC	CHEMISTRY	4145
OSC	CHEMISTRY LEAD	4859
OSC	COUNTING ROOM	4144
OSC	EMERGENCY REPAIR DIRECTOR	4860
OSC	E&RC COORDINATOR	4865
OSC	HEALTH PHYSICS	4863
OSC	OPERATIONS COORDINATOR	4864
OSC	OSC MISSION COORDINATOR	4061
OSC	ASST. OSCMC	4862
OSC	O&M LIBRARY	2358/2535
OSC	SECURITY SHIFT SUPERVISOR	4146
OSC	ACCESS CONTROL LOGKEEPER	4045
OSC	AAT LIAISON	4830

ATTACHMENT 10
Page 2 of 2
Brunswick Emergency Facilities Directory

TSC	ACCIDENT ASSESSMENT	4842/4843
TSC	COMMUNICATIONS DIRECTOR	4851
TSC	SECURITY DIRECTOR	4856
TSC	PLANT OPERATIONS DIRECTOR	4850
TSC	RADIOLOGICAL CONTROL COMMUNICATOR	4740
TSC	RADIOLOGICAL CONTROL DIRECTOR	4852
TSC	SITE EMERGENCY COORDINATOR	4855
TSC	TECHNICAL ASSESSMENT DIRECTOR	4857
TSC	TSC TO NRC COMMUNICATOR	4998

<p>NOTE: If calling <u>from BNP to the JIC</u>, dial 8-1-910-754-XXXX (extension); if dialing <u>inside the JIC</u>, dial 754-XXXX (extension).</p>
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JIC	CP&L ADMINISTRATIVE ASSISTANTS	1/910/754-8753
JIC	CP&L ADMINISTRATIVE ASSISTANTS (TELECOPIER)	1/910/754-8751
JIC	CP&L TECHNICAL SPECIALIST	1/910/754-8766
JIC	CP&L COMPANY TECHNICAL SPOKESPERSON	1/910/754-8781
JIC	CP&L JIC DIRECTOR	1/910/754-8785
JIC	CP&L COMPANY SPOKESPERSON	1/910/754-8813
JIC	CP&L ADMINISTRATIVE COORDINATOR	1/910/754-8824
JIC	CP&L PUBLIC INFORMATION SPECIALISTS	1/910/754-8702
JIC	CP&L PUBLIC INFORMATION SPECIALISTS (TTY)	1/910/754-9959
JIC	CP&L MEDIA BADGING SPECIALISTS	1/910/754-9955
JIC	MEDIA BADGING SPECIALIST TELECOPIER	1/910/754-9980
JIC	NRC	1/910/754-9741
JIC	FEMA	1/910/754-9721
JIC	NEW HANOVER COUNTY	1/910/754-9842
JIC	BRUNSWICK COUNTY	1/910/754-9795
JIC	STATE LEAD PUBLIC INFORMATION OFFICER	1/910/754-9833
JIC	STATE ADMINISTRATIVE ASSISTANTS	1/910/754-9765
JIC	STATE ADMIN. ASSISTANTS (TELECOPIER)	1/910/754-9760
JIC	OPERATIONS PUBLIC INFORMATION OFFICER	1/910/754-9912
JIC	TECHNICAL ADVISOR	1/910/754-9927
JIC	DEPUTY PUBLIC INFORMATION OFFICER	1/910/754-9933
JIC	STATE RUMOR CONTROL (LEAD)	1/910/754-9667
JIC	STATE PHONE PUBLIC INFO OFFICERS (LEAD)	1/910/754-9661
JIC	ODELL WILLIAMSON AUD. CONFERENCE TABLE	1/910/754-9994

REVISION SUMMARY

Revision 72 of OPEP-Appendix A included the following changes:

- Updated ERO phone numbers, deleted ERO personnel with lapsed qualifications, and added new ERO members in Attachments 1-5.
- Added phone numbers for National Weather Service - Wilmington and changed home phone number for Site Communications Manager in Attachment 6. Also added phone numbers for New Hanover Regional Medical Center and Long Beach Fire Department.
- Added FAX number for U.S. Nuclear Regulatory Commission - Atlanta, Changed area code for U.S. Department of Energy Region 2 Radiological Assistance Program, and corrected the wording of State of North Carolina Division of Radiation Protection in Attachment 7. Also added phone numbers for New Hanover County Emergency Management, changed phone number for New Hanover County Sheriff, removed out of service number to U.S. Coast Guard Wilmington Marine Safety Office, updated names of State of South Carolina Land and Waste Management and DEHEC Emergency Response. Added phone number for South Carolina DEHEC Emergency Response.
- Added number for Piedmont Aviation in Attachment 8.
- Combined duplicate numbers for Coast Guard Fort Macon Group HQ MSO and Emergency Operations Center telecopier and updated the phone number in Attachment 9.
- Updated Assistant Emergency Repair Director and Operations Coordinator phone numbers in Attachment 10.