

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

NUCLEAR OPERATIONS

NUCLEAR OPERATIONS

COPY NO. 157

EMERGENCY PLAN PROCEDURE

EPP-103

EMERGENCY EQUIPMENT CHECKLIST

REVISION 5

*Harold O. Quinn*  
DISCIPLINE SUPERVISOR

1/23/98  
DATE

*SA A. Bue*  
APPROVAL AUTHORITY

1/27/98  
DATE

RECORD OF CHANGES

CHANGE LETTER	TYPE CHANGE	APPROVAL DATE	CANCELLATION DATE	CHANGE LETTER	TYPE CHANGE	APPROVAL DATE	CANCELLATION DATE

INFORMATION USE

Procedure may Be Performed From Memory.  
User Retains Accountability For Proper Performance.

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 <u>PURPOSE</u>	1
2.0 <u>REFERENCES</u>	1
3.0 <u>DEFINITIONS</u>	1
4.0 <u>CONDITIONS AND PREREQUISITES</u>	2
5.0 <u>PROCEDURE</u>	3
6.0 <u>RECORDS</u>	5
7.0 <u>REVISION SUMMARY</u>	5

ATTACHMENTS

- Attachment I - Numbered Seal Log
- Attachment II - Radiation Emergency Inventory Requirements
- Attachment III - Control Room Radiation Emergency Equipment Checklist
- Attachment IV - Technical Support Center Area Radiation Emergency Equipment Checklist
- Attachment V - EOF Radiation Emergency Equipment Checklist
- Attachment VI - OSC Radiation Emergency Equipment Checklist
- Attachment VII - News Media Centers Radiation Emergency Equipment Checklist
- Attachment VIII - Backup EOF Radiation Emergency Equipment Checklist
- Attachment IX.A - Control Room & TSC Radiation Emergency Equipment Checklist
- Attachment IX.B - OSC Radiation Emergency Equipment Checklist

- Attachment IX.C - Ambulance Radiation Emergency Equipment Checklist
- Attachment IX.D - Off-Site Holding Area Radiation Emergency Equipment Checklist
- Attachment IX.E - Richland Memorial Hospital Radiation Emergency Equipment Checklist
- Attachment IX.F - EOF Radiation Emergency Equipment Checklist
- Attachment IX.G - EOF Dosimetry/Survey Equipment Checklist
- Attachment IX.H - Access Portal Emergency Dosimetry Issuance Equipment
- Attachment IX.I - EOF Frisking Station Equipment Checklist
- Attachment IX.J - EOF Decontamination Station Equipment Checklist
- Attachment IX.K - Radioactive Materials Transportation Accident Response Equipment Checklist

## 1.0 PURPOSE

- 1.1 This procedure establishes the actions to be taken to ensure the operational readiness of emergency equipment and supplies.

## 2.0 REFERENCES

- 2.1 NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.
- 2.2 EP-100, V. C. Summer Nuclear Station Radiation Emergency Plan.
- 2.3 HPP-610, Certification of Flow Rates for Portable Air Samplers.
- 2.4 HPP-611, Calibration of Station Survey Instruments.
- 2.5 HPP-633, Inspection, Maintenance, and Storage of Respiratory Protective Devices.
- 2.6 SAP-142, Station Housekeeping Program.
- 2.7 SAP-143, Preventive Maintenance Program.
- 2.8 SAP-1340, Transmittal and Maintenance of Records.
- 2.9 NUREG BR-0230, Response Coordination Manual.

## 3.0 DEFINITIONS

- 3.1 Definitions
- 3.1.1 Audit - To verify that the required components are present and current.
- 3.1.2 Inventory - To verify that the required number of components are present.
- 3.1.3 Shelf Life - The manufacturer's suggested expiration and change out date, or the date for inspection of clothing, to ensure reliability.

- 3.1.4 Storage Location - Kits, desk drawers, boxes, cabinets, etc., that contain emergency equipment, reference material, supplies, etc. that are used in an emergency. These locations shall be secured with a numbered seal or lock where applicable.
- 3.1.5 Inspect - The examination of equipment to ensure the equipment has not deteriorated and will meet requirements.

#### 4.0 CONDITIONS AND PREREQUISITES

- 4.1 The Emergency Services Unit (ESU) is responsible for implementing this procedure, issuing of numbered seals to the responsible groups and insuring inventory and maintenance Attachments IV through VIII.
- 4.2 The Nuclear Operations Group shall be responsible for accomplishing the Attachment III, Control Room Radiation Emergency Equipment, on a yearly basis.
- 4.3 Health Physics is responsible for performing the inventory and maintenance of the radiation emergency kits listed in Attachments IX.A through IX.K, and for the calibration of portable instruments in the radiation emergency kits.
- 4.4 Each group responsible for the inventory and maintenance of storage locations is responsible for tracking numbered seals utilized in accordance with this procedure, and is required to maintain an Attachment I, Numbered Seal Log, for each storage location secured with a numbered seal within the group's responsibility.
- 4.5 Respiratory protective equipment shall be inspected in accordance with HPP-633, Inspection, Maintenance and Storage of Respiratory Protective Devices.
- 4.6 Specific procedural requirements for the operation of the survey instruments listed in this procedure will be complied with except for daily source and response checks.
- 4.7 Operability of portable survey instruments is verified during calibration in accordance with HPP-611, Calibration of Station Survey Instruments or HPP-610, Certification of Flow Rates for Portable Air Samplers, as applicable.
- 4.8 If a storage location is used, or the seal is found to be broken, the required inventory shall be performed within ten (10) working days except when replacing instruments for recalibration, maintaining the contents, or conducting training.

- 4.9 The ESU shall ensure that inventory and maintenance of the equipment and supplies is accomplished within the specified frequencies, or within 10 working days after the use of the storage location in a drill, exercise, or actual emergency. This inventory may be substituted for the next scheduled inventory.
- 4.10 Any equipment removed from a storage location for the purpose of repair, functional check or calibration will be replaced with equivalent equipment during its removal.
- 4.11 If an emergency should occur within the 10 working day period after the use of a storage location(s), in a drill or an exercise, a quick inventory should be performed prior to the storage location(s) being used.
- 4.12 All drawings and procedures shall be controlled in accordance with SAP-1340, Transmittal and Maintenance of Records.
- 4.13 All inventories described in this procedure are performed on a quarterly basis, unless otherwise noted.
- 4.14 Each storage location shall be verified to ensure shelf-life materials are within their designated shelf-life parameters. Items approaching their expiration date should be replaced prior to the next scheduled Preventative Maintenance Task Sheet (PMTS).

## 5.0 PROCEDURE

- 5.1 Maintenance of emergency equipment shall be in accordance with the requirements in this procedure and in accordance with SAP-143, Preventive Maintenance Program.
- 5.2 Inventory of equipment shall be in accordance with the requirements specified in the attachments to this procedure.
- 5.3 The inventory of a storage location with a numbered seal may be done by verifying the number on the seal with the number on the Numbered Seal Log for the storage location being inventoried, ensuring that no item with a due date in the storage location will expire before the next scheduled inventory, and ensuring the storage location and seal does not appear to be disturbed.
- 5.4 The emergency equipment checklist contains the minimum required to implement the Radiation Emergency Plan. Additional items located in the facility or storage location, but not on the inventory checklist, are acceptable.

- 5.5 During the performance of an inventory, it is expected that all discrepancies will be corrected and documented in the "Comments" section.
- 5.6 All discrepancies detected during an inventory shall be corrected within fourteen (14) days by the Responsible Supervisor. Those not corrected within fourteen days, will be forwarded to the attention of the Manager, Nuclear Protection Services by the ESU for further action.
- 5.7 Attachment I shall be maintained by the group responsible for each storage location that requires a numbered seal.
- 5.8 Entry into a storage location for the replacement of items or post-use inventory:
  - 5.8.1 Obtain a manual or scheduled Preventive Maintenance Task Sheet (PMTS), as applicable.
  - 5.8.2 Obtain a new numbered seal if needed from the group responsible for storage location inventory.
  - 5.8.3 Compare the number of the seal on the storage location with the number that should be on the storage location in accordance with Attachment I.
    - A. If different, denote the seal discrepancy on Attachment I and inform the ESU by telephone.
    - B. The ESU shall assess the impact of the seal discrepancy and take appropriate actions.
  - 5.8.4 Perform the inventory in accordance with this procedure.
  - 5.8.5 Affix the new seal to the storage location so that the seal will be broken if the storage location is entered.
  - 5.8.6 Record the number of the new seal in the "Comments" section of the PMTS.
  - 5.8.7 Complete the next available line on Attachment I for the applicable storage location with the appropriate information.
- 5.9 Persons breaking a seal on a storage location for the purpose of maintaining the contents, replacing instruments for recalibration, or conducting training shall affix a numbered seal to the storage location, and notify the responsible group.

- 5.10 Personnel accomplishing the inventory shall record the revision number or date of any procedures or documents in the space provided during the inventory, then verify the revision number or date with the Master Control Copy for currency.
- 5.11 Upon successful completion of each inventory item, the number available will be documented by recording the appropriate results in the "As Found" space provided on the appropriate attachment.

NOTE 5.12

Respiratory protection equipment and other Health Physics equipment shall be changed on or before the due date in accordance with Health Physics Procedures.

- 5.12 Any item in the storage location that has a shelf-life expiration date earlier than the next scheduled inventory shall be replaced during the inventory in which it was identified. A note should be placed in the "Comments" section of the Attachment identifying the expiration date.
- 5.13 Upon successful completion of the inventory, a seal will be placed on the storage location, or the storage location will be secured with a lock.
- 5.14 Attachment II will be used as a key to the inventory requirements listed in Attachments III through IX.K.
- 5.15 Personnel performing inventories in accordance with this procedure shall also ensure the facilities meet the general housekeeping guidelines of SAP-142, Station Housekeeping Program.

6.0 RECORDS

- 6.1 Attachments III through IX.K to this procedure will be retained in accordance with the Document Management System (DMS).
- 6.2 Attachment I of this procedure will be maintained as history by the group responsible for the storage location for a period of one year.

7.0 REVISION SUMMARY

- 7.1 Delete Reference 2.2 NUREG-1471, NRC Initial Response-Concept of Operations with Organization Chart, this NUREG has been replaced with NUREG/BR-0230 Response Coordination Manual 1996.



- 7.2 Changed the Wording for Section 3.1.3 to provide better guidance on the changeout expectation of shelf life material.
- 7.3 Added Section 3.1.5 "Inspect" to provide guidance on the equipment stored in the kits at the request of Health Physics.
- 7.4 Changed "their" to "its" in section 4.10 to correct a grammatical error.
- 7.5 Added NOTE 5.12 to provide guidance on respiratory and health physics equipment.
- 7.6 Reworded "B" on Attachment II to clarify actions for sealed packets/poly bags.
- 7.7 Added Steam Tables to the Technical Support Supervisor's, Operation Supervisor's, Shift Engineer's and Engineer's Area equipment on Attachment IV because of Drill Comment.
- 7.8 Added Calculators to the Operation Supervisor's and Shift Engineer's Equipment on Attachment IV because of a Drill Comment.
- 7.9 Changed NUREG 1471 to NRC Response Coordination Manual in the Emergency Planning Representative's Equipment on Attachment IV.
- 7.10 Added NRC Response Coordination Manual to the Emergency Planning Representative's Drawer in EOF on Attachment V and the Backup EOF Attachment VIII, to have a copies available in those facilities.
- 7.11 Added EPA-400 Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, at the request of the Offsite Radiological Monitoring Coordinators in the EOF.
- 7.12 Clarified throughout the Attachments tape description at the request of Health Physics personnel.
- 7.13 Added Inspect to the Protective Clothing Packet Inventory Requirement throughout the Attachments to clarify the requirements for clothing.
- 7.14 Clarified the description of the "Bags" listed on Attachment IX.C and Attachment X.I.
- 7.15 Changed the Shelf Life from 1 year to 2 years for tape and gloves listed in attachment IX.F to standardize the shelf lifes for this equipment.



### RADIATION EMERGENCY INVENTORY REQUIREMENTS

The following Inventory Requirements are used during inventories to ensure that all equipment is functional. These requirements are coded and used to verify completion of each inventory. Any discrepancies found during the performance of inventories should be noted in the comments sections of the attached Checklists. The person(s) performing the inventory will ensure that each item on each checklist meets or exceeds the Inventory Requirements specified and the latest approved attachments to this procedure are used prior to signing off each item.

#### Code Inventory Requirements

- A. Ensure that the Hospital Survey Packet contains a minimum of:
- 1 - roll of radiation ribbon or approximately 100' of radiation rope
  - 10 - 3 pocket radiation signs with inserts
  - 100 - smears in envelopes
  - 2 - pencil, pens, grease pencils (each)
  - 8 - radiation material labels for waste container
  - 1 - scissors

These items may be placed in one packet, several packets or individually stored. Ensure items listed are present prior to signoff.

- B. Ensure that equipment in packets/poly bags are sealed and labeled with the date the packet was sealed. Packets which should be replaced due to shelf life estimates require the label to also contain the due date for replacement.
- C. Ensure batteries are replaced prior to the manufacturer's suggested expiration date, or every two (2) years, if no manufacturer's expiration date is identified.
- D. Ensure this posting/survey packet contains a minimum of:
- 50 - particulate air filters
  - 2 - pencils, pens, markers (each)
  - 4 - 3 pocket radiation signs with inserts  
(not required in EOF Radiation Emergency)
  - 50 - smears in envelopes
  - 1 - tweezers
  - 20 - environmental particulate air sample envelopes
  - 1 - roll radiation ribbon or 100 ft. of radiation rope (approximately.)  
(not required in EOF Radiation Emergency)
  - 1 - Record Logbook
  - 10 - planchets
  - 10 - vegetation bags
  - 1 - clipboard
  - 10 - labeled air sample bags

These items may be placed in one packet, several packets or individually stored. Ensure items listed are present in each storage location prior to signoff.

RADIATION EMERGENCY INVENTORY REQUIREMENTS

Code    Inventory Requirements

- E.    Ensure the protective clothing packets contains a minimum of the following items:
- 1    - pair coveralls (cloth or paper)
  - 1    - head cover or hood
  - 1    - pair cloth gloves (liners)
  - 1    - pair rubber or work gloves (heavy)
  - 1    - pair disposable shoe covers
  - 1    - pair rubber shoe covers
  - \*1    - box disposable gloves

\*This item is not included in the packet; ensure it is present prior to sign off.

These packets will be opened and inspected at the specified shelf life frequency. All items will be inspected for signs of deterioration and replaced as necessary.

- F.    Ensure the radiation emergency monitoring storage location battery packet contains a minimum of:
- 1    - set of batteries for the calculator
  - 1    - set of batteries for the flashlight
  - 1    - set of batteries for each portable survey instrument except the RM-14.
  - 2    - each, appropriate fuses for the air sampler
  - 2    - each, appropriate fuses for RM-14 (or equivalent)
- G.    Ensure the Decon storage location includes a minimum of:
- 100    - smears and envelopes
  - 4    - cans Radcon foam (or equivalent) - Check for expiration
  - 2    - rolls, paper towels
  - 1    - Scratch pad
  - 4    - 3 pocket radiation signs with inserts
  - 2    - pens, pencils, grease pencils
  - 1    - roll of rad ribbon
  - 2    - poly sheets (approximately 20' x 50')
  - 3    - poly bags (approximately 18" x 36")

These items may be placed in one packet, several packets, or individually stored. Ensure all items are present in each storage location.

- H.    Ensure the Offsite Holding Area Protective Clothing Packets include a minimum of:
- 20    - pairs, paper coveralls
  - 20    - pairs, disposable shoe covers
  - 20    - paper head covers
  - 2    - rolls, masking tape
  - 1    - box disposable gloves

These items may be placed in one packet, several packets, or individually stored. Ensure all items are present in each storage location.

- I.    Ensure the survey packet contains a minimum of:
- 1    - roll of radiation ribbon
  - 4    - 3 pocket radiation signs with inserts
  - 50    - Smears and Envelopes
  - 2    - pencils, pens, markers

CONTROL ROOM RADIATION EMERGENCY  
EQUIPMENT CHECKLIST  
 LOCATIGN: CONTROL ROOM

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	VCSNS Radiation Emergency Plan	Audit	1 copy		
2	Emergency Plan Procedures	Audit	1 set		
3	Map of 10 Mile Radius	Inventory	1 copy		
4	Overlays for 10 Mile Map (Stability Classes A - G)	Inventory	1 each (7 total)		
5	Plant Drawings (Control Copy)	Inventory	1 set		
6	Portable Radios (in normal use)	Inventory & Verify Operability	4		
7	Operations and Security Frequency Base Radio	Inventory & Verify Operability	1 each		
8	Telephone (Control Room Supervisor's Desk)	Inventory & Verify Operability	1 each		

**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN. QUANTITY	AS FOUND	COMMENTS
1	In The Command Center				
	A. Safety Parameter Display System	Verify Operability	1		
	B. Plant Procedures Copy #				
	1. GOP	Inventory	1		
	2. SOP	Inventory	1		
	3. EOP	Inventory	1		
	4. EPP	Inventory	1		
	5. HPP	Inventory	1		
	6. FPP	Inventory	1		
	7. FHP	Inventory	1		
	8. CP	Inventory	1		
	9. SAP	Inventory	1		
	C. VCS Technical Specifications	Inventory	1		
	D. V. C. Summer Station Radiation Emergency Plan (Rev. _____)	Inventory	1		
	E. Emergency Plan Tool Box	Locked Inventory			
	1. NUE Notification Package		1 pkg.		
	a. Initial Actions Summary (EPP-001.1, Att. I, Rev. _____)	Audit	1		
	b. Emergency Notification/"Green Sheet"	Audit	1		
	c. Authentication Procedure (EPP-002, Att. I, Page 2 & 3 of 3, Rev. _____)	Audit	1		
	d. Initial Notification (EPP-002, Att. II, Rev. _____)	Audit	1		
	e. Notification List (Verif. Date _____)	Audit	1		
	f. NRC One Hour Notification (EPP-002, Att. IIIA, Rev. _____)	Audit	1		
	g. NUE Shift Communicator Actions (EPP-001.1, Att II, Rev. _____)	Audit	1		
	2. Alert Notification Package		1 pkg.		
	a. Initial Actions Summary (EPP-001.2, Att. I, Rev. _____)	Audit	1		
	b. Emergency Notification/"Green Sheet"	Audit	1		

**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN. QUANTITY	AS FOUND	COMMENTS
1 Cont'd	c. Authentication Procedure (EPP-002, Att I, Pages 2 and 3 of 3, Rev. _____)	Audit	1		
	d. Initial Notification (EPP-002, Att. II, Rev. _____)	Audit	1		
	e. Notification List (Verif Date _____)	Audit	1		
	f. NRC One Hour Notification (EPP-002, Att. IIIA, Rev. _____)	Audit	1		
	g. Alert, Shift Communicator Actions (EPP-001.2, Att. II, Rev. _____)	Audit	1		
	h. EOF vs. Backup EOF Decision Flow Chart (EPP-001.2, Att. III, Rev. _____)	Audit	1		
	3. Site Area Emergency Notification Package		1 pkg.		
	a. Initial Actions Summary (EPP-001.3, Att. I, Rev. _____)	Audit	1		
	b. Emergency Notification / "Green Sheet"	Audit	1		
	c. Authentication Procedure (EPP-002, Att. I, Pages 2 & 3 of 3, Rev. _____)	Audit	1		
	d. Initial Notification (EPP-002, Att. II, Rev. _____)	Audit	1		
	e. Notification List (Verif Date _____)	Audit	1		
	f. NRC One Hour Notification (EPP-002, Att. IIIA, Rev. _____)	Audit	1		
	g. Recommendation for Activation of the EWSS (EPP-021, Att. I, Rev. _____)	Audit	1		
	h. Activation of EWSS using the Control Console (EPP-021, Att. IIA, Rev. _____)	Audit	1		
	i. Activation of Public Address Speaker System (EPP-021, Att. IIB, Rev. _____)	Audit	1		
	j. Activation of School Monitor Radios (EPP-021, Att. IIC, Rev. _____)	Audit	1		
	k. Site Area Emergency, Shift Communicator Actions (EPP-001.3, Att. II, Rev. _____)	Audit	1		

**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN QUANTITY	AS FOUND	COMMENTS
1 Cont'd	i. EOF vs. Backup EOF Decision Flow Chart (EPP-001.3, Att. III, Rev. _____)	Audit	1		
	m. Evacuation of Non-Essential Personnel Decision Tree (EPP-001.3, Att. IV, Rev. _____)	Audit	1		
	n. Dose Assessment Program Data Sheet (EPP-005, Att. XXI, Rev. _____)	Audit	1		
	o. Guidance for Performing Dose Projections by Shift Personnel (EPP-005, Att. XXII, Rev. _____)	Audit	1		
	<b>4. General Emergency Notification Package</b>		<b>1 pkg.</b>		
	a. Initial Actions Summary (EPP-001.4, Att. I, Rev. _____)	Audit	1		
	b. Emergency Notification/"Green Sheet"	Audit	1		
	c. Authentication Procedure (EPP-002, Att. I, Page 2 & 3 of 3, Rev. _____)	Audit	1		
	d. Initial Notification (EPP-002, Att. II, Rev. _____)	Audit	1		
	e. Notification List (Verif. Date _____)	Audit	1		
	f. NRC One Hour Notification (EPP-002, Att. IIIA, Rev. _____)	Audit	1		
	g. Recommendation for Activation of the EWSS (EPP-021, Att. I, Rev. _____)	Audit	1		
	h. Activation of EWSS using the Control Console (EPP-021, Att. IIA, Rev. _____)	Audit	1		
	i. Activation of Public Address Speaker System (EPP-021, Att. IIB, Rev. _____)	Audit	1		
	j. Activation of School Monitor Radios (EPP-021, Att. IIC, Rev. _____)	Audit	1		
	k. General Emergency, Shift Communicator Actions (EPP-001.4, Att. III, Rev. _____)	Audit	1		
	l. EOF vs. Backup EOF Decision Flow Chart (EPP-001.4, Att. V, Rev. _____)	Audit	1		



**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN. QUANTITY	AS FOUND	COMMENTS
1 Cont'd	m. Evacuation of Non-Essential Personnel Decision Tree (EPP-001.4, Att. IV, Rev. _____)	Audit	1		
	n. Dose Assessment Program Data Sheet (EPP-005, Att. XXI, Rev. _____)	Audit	1		
	o. Guidance for Performing Dose Projections by Shift Personnel (EPP-005, Att. XXII, Rev. _____)	Audit	1		
	p. Protective Action Recommendation (EPP-001.4, Att. II, Rev. _____)	Audit	1		
	q. Protective Action Guidelines (EPP-005, Att. I, Rev. _____)	Audit	1		
	5. Transportation Accident Notification and Information (EPP-006, Att. I, Rev. _____)	Audit	3		
	6. Radioactive Material Transportation Accident Checklists (EPP-006, Att. II, Rev. _____)	Audit	3		
	7. Emergency Communication Log Sheet (EPP-002 Att. V, Rev. _____)	Audit	5		
	8. Acute Uptakes Involving Projected Thyroid Dose Commitments Greater Than 25 Rem (EPP-020, Att. II, Rev. _____)	Audit	10		
	9. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	10. Emergency Director's Log Book	Inventory	1		
2	TSJ Desk Drawers				
	A. Emergency Director	Locked			
	1. ED Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. EPPs (0-series)	Inventory	1		
	4. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	B. Technical Support Supervisor	Locked			
	1. TS Supervisor Notebook	Inventory	1		
	2. Telephone	Verify operability	1		

**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN. QUANTITY	AS FOUND	COMMENTS
2 Cont'd	3. Steam Tables	Inventory	1		
	4. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	C. Operations Supervisor	Locked			
	1. Operations Supervisor Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. EPPs (0-series)	Inventory	1		
	4. Steam Tables	Inventory	1		
	5. Calculator	Inventory	1		
	6. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	D. Maintenance Supervisor	Locked			
	1. Maintenance Supervisor Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. White Magnetic Sheets	Inventory	5		
	E. Radiological Assessment Supervisor (RAS)	Locked			
	1. RAS Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. Vax Terminal	Verify Operability	1		
	4. Magnetic Sheets for Offsite Dose	Inventory	2		
	F. Administrative Supervisor (located in Emergency Director Logger drawer)	Locked			
	1. Administrative Supervisor Notebook	Inventory	1		
	2. Badge Accountability Rosters	Inventory	2		
	G. Shift Engineer	Locked			
	1. Shift Engineer Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. EPPs (0-series)	Inventory	1		
	4. Steam Tables	Inventory	1		
	5. Calculator	Inventory	1		
	6. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		

**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN. QUANTITY	AS FOUND	COMMENTS
2 Cont'd	H. Emergency Preparedness Representative	Locked			
	1. Emergency Preparedness Representative Notebook	Inventory	1		
	2. Telephones	Verify Operability	2		
	3. EPPs (0-series)	Inventory	1		
	4. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	5. NRC Response Coordination Manual	Inventory	1		
	6. Evacuation Time Assessment (Rev. 0 and Rev. 1)	Inventory	1		
3	Communicator's Tool Box	Locked Inventory			
	A. Initial Actions Summary				
	1. NUE (EPP-001.1, Att. 1, Rev. _____)	Inventory	2		
	2. Alert (EPP-001.2, Att. I, Rev. _____)	Inventory	2		
	3. Site Area Emergency (EPP-001.3, Att. I, Rev. _____)	Inventory	2		
	4. General Emergency (EPP-001.4, Att. I, Rev. _____)	Inventory	2		
	B. Emergency Notification "Green Sheet"	Inventory	25		
	C. Authentication Procedure (EPP-002, Att. I, Pages 2 & 3 of 3, Rev. _____)	Inventory	1		
	D. Initial Notification (EPP-002, Att. II, Rev. _____)	Inventory	2		
	E. NRC One Hour Notification (EPP-002, Att. IIIA, Rev. _____)	Inventory	2		
	F. Follow-up Notifications (EPP-002, Att. IV, Rev. _____)	Inventory	20		
	G. Recommendation for Activation of EWSS (EPP-021, Att. I, Rev. _____)	Inventory	2		
	H. Activation of EWSS Using the Control Console (EPP-021, Att. IIA, Rev. _____)	Inventory	2		

**TECHNICAL SUPPORT CENTER AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: TECHNICAL SUPPORT CENTER

PMTS NO. \_\_\_\_\_

	I. Activation of Public Address Speaker System (EPP-021, Att. IIB, Rev. _____)	Inventory	2		
	J. Activation of School Monitor Radios (EPP-021, Att. IIC, Rev. _____)	Inventory	2		
	K. "Emergency Response Personnel Call Trees" (Rev. Date _____)	Inventory	1		
	L. Plant Status Forms	Inventory	10		
	M. Site Telephone Directory (Date _____)	Inventory	1		
ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MIN. QUANTITY	AS FOUND	COMMENTS
3 Cont'd	N. Emergency Planning Telephone Directory (Rev. _____)	Inventory	2		
	O. S. C. Fixed Nuclear Facility Directory	Inventory	1		
4	In the Engineer's Area				
	A. Aperture Card Reader Printer	Verify Operability	1		
	B. Drawings of facility and systems to the component level (set of aperture cards)	Spot Check	1		
	C. FSAR including the Environmental Report	Inventory	1		
	D. Aperture Card Reader	Verify Operability	1		
	D. VCS Technical Specifications	Inventory	1		
	E. Mitigating Core Damage Manual	Inventory	1		
	F. Precautions, Limitations and Setpoints Documents	Inventory	1		
	G. Title 10, Code of Federal Regulations	Inventory	1		
	H. Copy Machine	Verify Operability	1		
	I. Steam Tables	Inventory	2		
5	In the TSC Equipment Storage Locker				
	A. V. C. Summer Station Radiation Emergency Plan (Rev. _____)	Inventory	1		
	B. Potassium Iodide Pills (Exp. Date _____)	Inventory	10 bottles		
	C. EPPs (0-series)	Inventory	2		
	D. EPPs (50-series)	Inventory	1		
	E. Pens	Inventory	12		
	F. Pencils	Inventory	12		
	G. Notepads	Inventory	12		
6	Housekeeping of the TSC Area	Per SAP-142			

**EOF RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Supplies				
	A. Log Book	Inventory	2		
	B. Copy Machine	Verify Operability	1		
	C. Pens	Inventory	12		
	D. Writing Pads	Inventory	12		
	E. Pencils	Inventory	12		
2	Records				
	A. Technical Specification	Inventory	1		
	B. FSAR	Inventory	1		
	C. V.C.S. Radiation Emergency Plan (Rev. ____)	Audit	1		
	D. S.C. Operational Radiological Emergency Response Plan (Rev. Date _____)	Audit	1		
	E. S.C. Technical Radiological Emergency Response Plan (Rev. Date _____)	Audit	1		
	F. Fairfield Co. Emergency Plan (Rev. Date _____)	Audit	1		
	G. Newberry Co. Emergency Plan (Rev. Date _____)	Audit	1		
	H. Richland Co. Emergency Plan (Rev. Date _____)	Audit	1		
	I. Lexington Co. Emergency Plan (Rev. Date _____)	Audit	1		
	J. Evacuation Time Assessment Study (Rev. 0 & Rev. 1)	Audit	1		
	K. Plant Procedures				
	1. GOP	Inventory	1 set		
	2. SOP	Inventory	1 set		
	3. EPPs (001-049)	Inventory	3 sets		
	4. EPPs (050-060)	Inventory	3 sets		
	L. Aperture Card Reader and Set of Aperture Cards	Verify Operability/ Spot Check	1 set		
	M. GAI Equipment List	Inventory	1		
	N. GAI Valve List	Inventory	1		
	O. Engineering Service Procedures	Inventory	1		
	P. Fire Protection Evaluation Report	Inventory	1		
	Q. Steam Tables	Inventory	2		

**EOF RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
2 (Cont)	R. Forms:				
	1. Emergency Notifications	Audit	30		
	2. EPP-002, Att. II (Rev. _____)	Audit	1		
	3. EPP-002, Att. IIIA (Rev. _____)	Audit	1		
	4. EPP-002, Att. IV (Rev. _____)	Audit	20		
	5. EPP-002, Att. V (Rev. _____)	Audit	25		
	6. EPP-021, Att. I (Rev. _____)	Audit	3		
3	EOF Desk Drawers				
	A. Offsite Emergency Coordinator Drawer	Locked	1		
	1. Telephone (on Desktop)	Verify Operability	1		
	2. OEC Notebook	Inventory	1		
	3. EPPs (0 + 50 series)	Inventory	1		
	4. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	Γ. Emergency Control Officer Drawer	Locked	1		
	1. Telephone (on Desktop)	Verify Operability	1		
	2. Notebook	Inventory	1		
	3. EPPs (001-049)	Inventory	1		
	4. Company Phone Directory	Inventory	1		
	5. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	C. Plant Status Advisor Drawer	Locked	1		
	1. Notebook	Inventory	1		
	2. Telephone (on Desktop)	Verify Operability	2		
	3. Log Book	Inventory	1		
	4. EOP	Inventory	1		
	5. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	D. Emergency Planning Representative Drawer	Locked	1		
	1. Notebook	Inventory	1		
	2. Telephone (on Desktop)	Verify Operability	3		
	3. EPPs (001-060)	Inventory	1		
	4. Emergency Notifications	Audit	10		
	5. EPP-021, Att. I, (Rev. _____)	Audit	2		

**EOF RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
3 (Cont)	6. Evacuation Zones (1 Set)	Inventory	1 set		
	7. NRC Response Coordination Manual	Inventory	1		
	8. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	E. Technical Support Coordinator Drawer	Locked	1		
	1. Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	F. Media Coordinator Drawer	Locked	1		
	1. Telephone	Verify Operability	1		
	2. Notebook	Inventory	1		
	3. EPPs (0 + 50 Series)	Inventory	1		
	4. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	G. Offsite Radiological Monitoring Coordinator Drawer	Locked	1		
	1. Notebook	Inventory	1		
	2. Telephone	Verify Operability	1		
	3. EPA-400 Manual of Protective Action: Guides and Protective Actions for Nuclear Incidents	Inventory	1		
	4. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	H. General Services Coordinator Box	Sealed	1		
	1. Notebook	Inventory	1		
	2. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
	I. Security Coordinator Box	Sealed	1		
	1. Notebook	Inventory	1		
	2. Site Telephone Directory (Rev. Date _____)	Inventory	1		
	3. Emergency Planning Telephone Directory (Rev. _____)	Inventory	1		
4	Housekeeping of the EOF	Per SAP-142	N/A		

**OSC RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: OPERATIONS SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Electrical Box	Seal Intact	1		
	A. Emergency Team Briefing Log	Inventory	10		
	B. Electrical Maintenance Supervisor Book and Name Tag	Inventory	1 each		
2	OSC Status Board Box	Seal Intact	1		
	A. Status Board Book	Inventory	1		
	B. Dry Board Markers	Inventory	2		
	C. Bottle Cleaning Fluid	Inventory	1		
	D. Dry Board Eraser	Inventory	1		
	E. Classification Labels	Inventory	3		
	F. Wipes	Inventory	10		
	G. White Magnetic Board Sheets	Inventory	10		
	H. Blank Labels	Inventory	50		
3	OSC Supervisor Box	Seal Intact	1		
	A. OSC Supervisor Book and Name Tag	Inventory	1 each		
	B. Log Book	Inventory	1		
	C. Emergency Team Briefing Log	Inventory	20		
4	Mechanical Box	Seal Intact	1		
	A. Stapler	Inventory	1		
	B. Mechanical Maintenance Supervisor Book and Name Tag	Inventory	1 each		
	C. Emergency Team Briefing Log	Inventory	10		
5	Operations Box	Seal Intact	1		
	A. Emergency Team Briefing Log	Inventory	10		
	B. Lead Operator Book and Name Tag	Inventory	1 each		
6	I & C Box	Seal Intact	1		
	A. I & C Supervisor Book and Name Tag	Inventory	1 each		
	B. Emergency Team Briefing Log	Inventory	10		
7	Health Physics Box	Seal Intact	1		
	A. Emergency Team Briefing Log	Inventory	10		
	B. Notebooks	Inventory	2		



OSC RADIATION EMERGENCY EQUIPMENT CHECKLIST  
 LOCATION: OPERATIONS SUPPORT CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
8	Security Box	Seal intact	1		
	A. Notebook & Name Tag	Inventory	1 each		
	B. OSC Security Key Box Key	Inventory	1		
	C. Emergency Team Briefing Log	Inventory	10		
9	Supplies				
	A. Pencils	Inventory	10		
	B. Dry Board Markers	Inventory	4		
	C. Pens	Inventory	10		
	D. Pads	Inventory	10		
	E. Grease Pencils (black)	Inventory	2		
	F. Grease Pencils (red)	Inventory	2		
	G. First Aid Bag	Inventory	1		
10	Drawing Rack				
	A. Security Evacuation Accountability Roster-Paper	Inventory	3		
	B. Post Accident RCA Access Routes E-077-001 through E-022-015	Spot Check	1 set		
	C. Electrical Diagrams E-206-001 thru E-206-080 and E-207-011 thru E-207-042	Spot Check	1 set each		
11	Miscellaneous				
	A. EOPs	Inventory	1 set		
	B. Instrument List	Inventory	1		
	C. Feeder Effect List	Inventory	1		
	D. Plant Drawing Book	Inventory	1		
	E. EPPs (0-Series)	Inventory	1 set		
	F. SOPs	Inventory	1 set		
	G. FEPs	Inventory	1 set		
	H. GOPs	Inventory	1 set		
	I. AOPs	Inventory	1 set		
12	Housekeeping in OSC	Per SAP-142	N/A		

**NEWS MEDIA CENTERS RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: NUCLEAR TRAINING CENTER AND PALMETTO CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Primary News Media Area (NTC)				
	A. Press Kits	Inventory	30		
	B. Telephones	Inventory	20		
	C. Visual Aids				
	1. Diagram of Plant with Main Components	Inventory	1		
	2. Chart of Radiation Levels	Inventory	1		
	3. Map with Sectors and Routes	Inventory	1		
	4. Chart of Accident Categories	Inventory	1		
	D. Name Cards for State and Local Officials	Inventory	1 set		
	E. Media Badges	Inventory	25		
	F. Legal Pads	Inventory	2		
2	Primary Rumor Control Area (NTC)				
	A. Legal Pads	Inventory	5		
	B. Pens	Inventory	5		
	C. Pencils	Inventory	5		
	D. Stapler	Inventory	1		
	E. Press Kits	Inventory	5		
	F. AM-FM Radio	Inventory	1		
	G. Columbia S.C. Telephone Directory (Date _____)	Inventory	1		
	H. SCE&G Telephone Directory (Date _____)	Inventory	1		
	I. Emergency Planning Telephone Directory (Rev. _____)	Audit	1		
	J. EPP-052 (Rev. _____)	Audit	1 copy		
3	Backup News Media Area (Palmetto Center)				
	A. Press Kits	Inventory	30		
	B. Telephones	Inventory	20		
	C. Visual Aids	Inventory	1		
	1. Diagram of Plant with Main Components	Inventory	1		
	2. Chart of Radiation Levels	Inventory	1		
	3. Map with Sectors and Routes	Inventory	1		
	4. Chart of Accident Categories	Inventory	1		
	D. Name Cards for State and Local Officials	Inventory	1 set		
	E. Media Badges	Inventory	25		
	F. Legal Pads	Inventory	2		

**NEWS MEDIA CENTERS RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: NUCLEAR TRAINING CENTER AND PALMETTO CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
4	Backup Rumor Control Area (Palmetto Center)				
	A. Legal Pads	Inventory	5		
	B. Pens	Inventory	5		
	C. Pencils	Inventory	5		
	D. Stapler	Inventory	1		
	E. Press Kits	Inventory	5		
	F. AM-FM Radio	Inventory	1		
	G. Columbia S.C. Telephone Directory (Date _____)	Inventory	1		
	H. SCE&C Telephone Directory (Date _____)	Inventory	1		
	I. Emergency Planning Telephone Directory (Rev. _____)	Audit	1		
	J. EPP-052 (Rev. _____)	Audit	1 copy		
5	Joint Information Center				
	A. Press Kits	Inventory	12		
	B. Columbia S.C. Telephone Directory (Date _____)	Inventory	2		
	C. SCE&G Telephone Directory (Date _____)	Inventory	2		
	D. Emergency Planning Telephone Directory (Rev. _____)	Audit	2		
	E. Legal Pads	Inventory	12		
	F. Pens	Inventory	12		
	G. Pencils	Inventory	12		
	H. Staplers	Inventory	3		
	I. "This is a Drill" Stamp & Pad	Inventory	1		
	J. Bond Paper	Inventory	1 ream		
	K. Scotch Tape	Inventory	3 rolls		
	L. News Release Paper	Inventory	1 pkg		
	M. EPP-052 (Rev. _____)	Audit	3 copies		

**NEWS MEDIA CENTERS RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: NUCLEAR TRAINING CENTER AND PALMETTO CENTER

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
6	Assistant Media Coordinator				
	A. Columbia, SC Telephone Directory (Date _____)	Inventory	1		
	B. Emergency Planning Telephone Directory (Rev. _____)	Audit	1		
	C. SCE&G Telephone Directory (Date _____)	Inventory	1		
	D. Legal Pads	Inventory	3		
	E. Pens	Inventory	3		
	F. Pencils	Inventory	3		
	G. Stapler	Inventory	1		
	H. EPP-052(Rev. _____)	Inventory	3		
	I. Press Kits	Inventory	3 copies		
	J. "This is a Drill" Stamp & Pad	Inventory	1		

**BACKUP EOF RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: BACKUP EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Log Book	Inventory	1		
2	10 Mile Map	Inventory	1		
3	Radiation Emergency Plan	Inventory	1		
4	Emergency Plan Procedures	Inventory	6		
5	Emergency Operating Procedures	Inventory	1		
6	Status Board Chart	Inventory	1		
7	EOF Communicator Book				
	A. Emergency Notification	Inventory	30		
	B. EPP-002, Att. II (Rev. _____)	Inventory	1		
	C. EPP-002, Att. IIIA (Rev. _____)	Inventory	1		
	D. EPP-002, Att. IV (Rev. _____)	Inventory	20		
	E. EPP-002, Att. V (Rev. _____)	Inventory	25		
	F. EPP-021, Att. I (Rev. _____)	Inventory	3		
8	Pens	Inventory	10		
9	Pads	Inventory	10		
10	Emergency Planning Telephone Directory (Rev. _____)	Inventory	6		
11	Aperture Card Reader and Set of Aperture Cards	Verify Operability/ Spot Check	1 set		
12	EDAP Computer Disk	Inventory	1		
13	NRC Response Coordination Manual	Inventory	1		

**CONTROL ROOM & TSC RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: CONTROL ROOM/TECHNICAL SUPPORT CENTER AREA

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Self Contained Breathing Apparatus (1 hour)	Inventory/HPP-633	14		
2	SCBA Spare Bottles (1 hour)	Inventory/HPP-633	14		
3	Control Room Radiation Emergency Kit Equipment Checklist (EPP-103, Att. IX.A Rev. _____)	Inventory	2		
4	GM Survey Meter (E-400/E-530) or Equivalent Serial# _____ Cal. Due. _____	Inventory	1		
5	RM-14/HP210 Probe (or Equivalent) and SH-4A Sample Holder Serial# _____ Cal. Due. _____	Inventory	1		
6	Portable P&I Air Samples Serial# _____ Cal. Due. _____	Inventory	1		
7	Protective Clothing Packets Due Date _____	B, E Inspect	10		2-yr. Shelf Life
8	Rolls of Tape Due Date _____	B	2		2 yr. Shelf Life
9	Battery Packet for 5 Flashlights Due Date _____	B, C	1		2-yr. Shelf Life
10	1 Set of Batteries for Survey Instrument	B, C	1		2-yr. Shelf Life
11	Cs-137 Check Source	Inventory	1		
12	Flashlights	Inventory	5		
13	Particulate Air Filters Packet	Inventory	10		
14	Agz Filters (plant) Packet	B	10		
15	Low Range Dosimeters (0-500 MR) Due Date _____	Inventory	10		
16	Dosimeter Charger with Required Batteries Due Date _____	B, C	1		2-yr. Shelf Life
17	Whole Body TLD Packet	Inventory	10		
18	Control TLD	Inventory	1		

**OSC RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: OPERATIONS SUPPORT CENTER

PMTS: \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	High Range Dosimeter Packet (for Ankle or Wrist) Cal. Due _____	Inventory	15		
2	Low Range Dosimeter Packet (0-500 mr) Cal. Due _____	Inventory	25		
3	Dose Rate Instrument Serial# _____ Cal. Due _____ Serial# _____ Cal. Due _____	Inventory	1		
4	E-400/E-530 (or Equivalent) Serial# _____ Cal. Due _____ Serial# _____ Cal. Due _____	Inventory	1		
5	RM-14/HP-210 Probe (or Equivalent) and SH-4A Sample Holder Serial # _____ Cal. Due _____	Inventory	1		
6	Alarming Dosimeters Serial# _____ Cal. Due _____ Serial# _____ Cal. Due _____	Inventory	2		
7	Alarming Dosimeter Magnets	Inventory	2		
8	Vamp Area Monitor (or Equivalent) Cal. Due _____	Inventory	1		
9	Dosimeter Charger with Required Batteries Attached Batteries Due _____	B, C	1		2-yr. Batteries Shelf Life
10	1 Set of Batteries for High Range Survey Instrument, 1 Set of Batteries for Low Range Survey Instrument and 1 Set of Batteries for the Alarming Dosimeters Batteries Due _____	B, C	1		2-yr. Shelf Life
11	Battery Packet for 10 Flashlights Batteries Due _____	B, C	1		2-yr. Shelf Life
12	Rolls of Tape Due Date _____	B	5		2-yr. Shelf Life
13	Plastic P.C. Due Date _____	B, Inspect	10		2-yr. Shelf Life
14	Protective Clothing Packets Due Date _____	B, E, Inspect	25		2-yr. Shelf Life
15	Survey Packets	1	2		

**OSC RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: OPERATIONS SUPPORT CENTER

PMTS: \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
16	Radiological and Meteorological Data Computer	Inventory	1		
17	First Aid Kits Change Out Date _____	Inventory	2		2-yr. Shelf Life
18	Flashlights	Inventory	10		
19	Cs-137 Check Source	Inventory	1		
20	Perimeter Survey Maps	Inventory	20		
21	Self Read. Dos. Card (HPP-152)	Inventory	50		
22	Auth. To Exceed Exp. Limits (HPP-153, Att. I, Rev. _____)	Inventory	10		
23	Personnel Contamination Report (HPP-405, Att. I, Rev. _____)	Inventory	20		
24	OSC Radiation Emergency Kit Equipment Checklist (EPP-103, Att. IX.B, Rev. _____)	Inventory	1		



**AMBULANCE RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: FIRST AID ROOM (412' CONTROL BUILDING)

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	RM-14/HP-210 Probe (or Equivalent) Serial# _____ Cal. Due _____	Inventory	1		Stored External of Kit
2	Survey Packet	B, I	1		
3	Protective Clothing Packets (Disposable) Due Date _____	B, E, Inspect	4		2-yr. Shelf Life
4	Bags (appr. 18" x 36") Large	Inventory	5		
5	Bags (appr. 12" x 25") Medium	Inventory	5		
6	Bags (appr. 12" x 12")	Inventory	5		
7	Bags (appr. 3" x 6") Small	Inventory	10		
8	Absorbent Material	Inventory	1		
9	Personnel Contamination Report (HPP-405, Att. I, Rev. _____)	Inventory	5		
10	Radiation Tape (roll)	Inventory	1		
11	First Aid Room (412' Control Building) Ambulance Radiation Emergency Kit Equipment Checklist (EPP-103, Att. IX.C, Rev. _____)	Inventory	2		

**OFF-SITE HOLDING AREA RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: OLD QAS BUILDING

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENT	MINIMUM QUANTITY	AS FOUND	COMMENTS
1					
	A. E-400/530 (or Equivalent) Serial# _____ Cal. Due _____	Inventory	1		
	B. RM-14/HP-210 Probe (or Equivalent) Serial# _____ Cal. Due _____	Inventory	1		Stored External of Kit
	C. 1 Set of Batteries for Survey Instrument (packet) Battery Due Date _____	B, C	1		2-yr. Shelf Life
	D. Protective Clothing Packet Due Date _____	B, H, Inspect	1		2-yr. Shelf Life
	E. Check Source (Cs-137)	Inventory	1		
	F. Decon Packet	B, G	1		
	G. First Aid Kit Due Date _____	Inventory	1		2-yr. Shelf Life
	H. Irrigation Bottles (500 ml)	Inventory	2		
	I. Roll of Tape Due Date _____	Inventory	2		2-yr. Shelf Life
	J. Procedures/Forms Copy # _____				
	1. EPP-010, Personnel/Vehicle Decontamination (Rev. _____)	Audit	1		
	2. Personnel Contamination Report (HPP-405, Att. I, Rev. _____)	Audit	20		
	3. Vehicle Survey Record EPP-010, Att. I, Rev. _____)	Audit	20		
	4. Survey Map, Information (HPP-302, Att. I, Rev. _____)	Audit	10		
	5. Out of Plant Radiation Emergency Kit Equipment Checklist (EPP-103 Att. IX.D, Rev. _____)	Audit	2		

**RICHLAND MEMORIAL HOSPITAL RADIATION EMERGENCY EQUIPMENT CHECKLIST**  
 LOCATION: RICHLAND MEMORIAL HOSPITAL

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	E400/E530 (or Equivalent) Serial# _____ Cal. Due _____	Inventory	1		
2	Dose Rate Instruments Serial# _____ Cal. Due _____	Inventory	1		
3	Low Range Dosimeter (0-500 MR) Cal. Due _____	Inventory	6		
4	High Range Dosimeter (0-1R or 0-1.5R) Cal. Due _____	Inventory	2		
5	Dosimeter Charger with Required Batteries Attached Due Date _____	B, C	1		2-yr. Batteries Shelf Life
6	Decon Solution	B	5 gallons		
7	Rolls of Tape Due Date _____	B	10		
8	Battery Packet to Contain One Complete Set of Batteries for Instruments (Item #1 & 2) Due Date _____	B, C	1		2-yr. Batteries Shelf Life
9	Hospital Survey Packet	A	1		
10	Disposable Shoe Covers Packet	Inventory	25 pair		
11	Waste Containers (Liquid) with Lids	Inventory	2		
12	Waste Containers (Solid) with Lids	Inventory	2		
13	Movable Shield 1" Steel with 4" Lead Glass Window	Inventory	1		
14	Lead Container Approx. 6" x 8"	Inventory	1		
15	Decontamination Tabletop	Inventory	1		
16	Blotter Paper	Inventory	1 roll		
17	Herculite Yellow approx. 5' x 100'	Inventory	1		
18	Polyethylene (clear)	Inventory	1 roll		
19	Poly Bags approx. (38" x 63") (labeled)	Inventory	10		
20	Maselin Cloth	Inventory	50		
21	Step-off Pads	Inventory	15		
22	15 Gallon Nalgene Rad Bottle with Tygon Tubing	Inventory	1		
23	Personnel Contamination Reports (HPP-405, Att. I, Rev. _____)	Audit	10		
24	Survey information (HPP-302, Att. I, Rev. _____)	Audit	10		
25	HPP-405, Personnel Decontamination Rev. _____ Copy # _____	Audit	1		
26	Richland Memorial Hospital Radiation Emergency Kit Equipment Checklist (EPP-103, Att. IX.E, Rev. _____)	Audit	2		

**EOF RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Radiation Emergency/Monitoring Kits (Each Kit to Contain the Following Items:)	Per Listed Items	2		Kit # _____
	A. E-400/E530 (or Equivalent) Serial# _____ Cal. Due _____	Inventory	1		
	B. Dose Rate Instrument Serial# _____ Cal. Due _____	Inventory	1		
	C. RM-14/HP-210 Probe(or Equivalent) Serial# _____ Cal. Due _____	Inventory	1		Stored External of Kit
	D. 12V Air Sampler (or Equivalent) w/Cables Serial# _____ Cal. Due _____	Inventory	1		Stored External of Kit
	E. Low Range Dosimeter (0-500 MR) Cal. Due _____	Inventory	2		
	F. High Range Dosimeter (0-1R or 0-1.5R) Cal. Due _____	Inventory	2		
	G. Roll Tape Due Date _____	B	2		2-yr. Shelf Life
	H. Disposable Gloves Packet Due Date _____	Inventory	20 pr.		2-yr. Shelf Life
	I. Battery Packet Due Date _____	B, C, F	1		2-yr. Shelf Life
	J. Posting/Survey Packet	B, D	1		
	K. 4 liter Marinelli Beakers	Inventory	2		Stored External of Kit
	L. First Aid Kit Due Date _____	Inventory	1		
	M. Bottles (1 liter)	Inventory	3		
	N. Cs137 Check Source	Inventory	1		
	O. Decontamination Materials	Inventory	2		
	P. AgZ Filters Packet	B, Inventory	5		
	Calculator	Inventory	1		
	Watch	Inventory/ Verify Operability	1		
	S. Environmental Key(s)	Inventory	1 set		
	T. Map of 10 Mi. EPZ/ Sampling Stations	Inventory	1		
	U. Roll of Paper Towels	Inventory	1		
	V. Flashlight	Inventory	1		

**EOF RADIATION EMERGENCY EQUIPMENT CHECKLIST**

LOCATION: EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1 Cont'd	W. Dosimeter Charger with Required Batteries Attached Battery Due Date _____	B, C	1		2-yr. Shelf Life
	X. Whole Body TLD	Inventory	2		
	Y. Background TLD	Inventory	1		
	Z. Potassium Iodide Pills Expiration Date _____	Inventory/Check Expiration Dates	1 bottle		
	AA.Procedures/Forms Copy # _____				
	1. EPP-007, Environmental Monitoring (Rev. _____)	Audit	1		
	a. Emerg. Env. TLD Report Form (EPP-007, Att. III Rev. _____)	Audit	10		
	b. Miscellaneous Emergency Environmental Samples (EPP-007, Att. IV, Rev. _____)	Audit	20		
	2. EPP-010, Personnel/Vehicle Decontamination (Rev. _____)	Audit	1		
	3. EPP-020, Emergency Personnel Exposure Control (Rev. _____)	Audit	1		
	4. Blank Survey Map (HPP-302, Att. I, Rev. _____)	Audit	10		
	5. Personnel Contamination Report (HPP-405, Att. I, Rev. _____)	Audit	10		
	6. EOF Radiation Emergency Kit Equipment Checklist (EPP-103, Att IX.F, Rev. _____)	Audit	2		

**EOF DOSIMETRY/SURVEY EQUIPMENT CHECKLIST**  
 LOCATION: EMERGENCY OPERATIONS FACILITY

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Alarming Dosimeters Serial # _____ Cal. Due _____ _____	Inventory	3		
2	Alarming Dosimeter Magnet	Inventory	1		
3	0-500 MR Dosimeters Cal. Due _____	Inventory	50		
4	0-1R or 0-1.5R Dosimeters Cal. Due _____	Inventory	20		
5	Whole Body TLDs	Inventory	50		
6	Background TLD	Inventory	1		
7	Dosimeter Charger	Inventory	1		
8	Potassium Iodide Pills Expiration Date _____	Inventory/Check Expiration Date	10 bottles		
9	VAMP Area Monitor (or Equivalent) Cal. Due _____ Serial # _____		1		
10	Laptop Computer	Inventory*	1		*This laptop may be stored out of cabinet. Ensure available in the EOF.
11	EOF Survey Equipment Checklist (EPP-103, Att. IX.G, Rev. _____)	Inventory	2		

**ACCESS PORTAL EMERGENCY DOSIMETRY ISSUANCE EQUIPMENT CHECKLIST**  
 LOCATION: ACCESS PORTAL

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	0-500mR Dosimeters with Whole Body TLDs Cal. Due _____	Inventory	15		
2	Control TLD's	Inventory	1		
3	EPP-020, Emergency Personnel Exposure Control (Rev. _____) Copy # _____	Audit	1 ccopy		
4	Dosimeter Charger Due Date _____	Inventory	1		2-yr. Shelf Life
5	Emergency Dosimeter Log (EPP-020, Att. I, Rev. _____)	Audit	2		
6	Access Portal Emergency Dosimetry Issuance Kit Equipment Checklist (EPP-103, Att IX.H, Rev. _____)	Audit	2		

**EOF FRISKING STATION EQUIPMENT CHECKLIST**  
 LOCATION: NTC BASEMENT STORAGE AREA

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Disposable Surgeon's Gloves Due Date _____	Inventory	50 pair		2-yr. Shelf Life
2	Paper Coveralls _____	Inventory	20		
3	Disposable Shoe Covers _____	Inventory	40		
4	Disposable Head Covers _____	Inventory	20		
5	Tape rolls Due Date _____	Inventory	3		2-yr. Shelf Life
6	Herculite or Poly Sheets(approx. 10' x 10')	Inventory	5		
7	Bags (approx. 12" x 15" or larger)	Inventory	10		
8	Personnel Contamination Report (HPP-405 Att. I, Rev. _____)	Audit	20		
9	EOF Frisking Station Equipment Checklist (EPP-103, Att. IX.I, Rev. _____)	Audit	1		



**EOF DECONTAMINATION STATION EQUIPMENT CHECKLIST**  
 LOCATION: NTC BASEMENT LADIES RESTROOM

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	Paper Coveralls	Inventory	20		
2	Disposable Shoe Covers	Inventory	40		
3	Disposable Head Covers	Inventory	20		
4	Rolls of Tape Due Date _____	Inventory	3		2-yr. Shelf Life
5	Herculite or Poly Sheets (approx. 10' x 10')	Inventory	5		
6	Bags (approx. 12" x 15" or larger)	Inventory	10		
7	Rad-Con Foam	Inventory	6 cans		
8	Bar Soap	Inventory	20		
9	Detergent	Inventory	1 box		
10	Clear Plastic Bags (approx. 12" x 15" or larger)	Inventory	20		
11	Latex Gloves Due Date _____	Inventory	1 box		2-yr. Shelf Life
12	EOF Decontamination Station Equipment Checklist (EPP-103, Att. IX.J, Rev. _____)	Audit	1		

**RADIOACTIVE MATERIALS TRANSPORTATION ACCIDENT RESPONSE EQUIPMENT CHECKLIST**  
 LOCATION: HEALTH PHYSICS OFFICE, FIRST FLOOR, AUXILIARY SERVICE BUILDING

PMTS NO. \_\_\_\_\_

ITEM #	EQUIPMENT DESCRIPTION	INVENTORY REQUIREMENTS	MINIMUM QUANTITY	AS FOUND	COMMENTS
1	0-500 MR Dosimeters Cal. Date _____	Inventory	10		
2	Protective Clothing Packets Due Date _____	B, E Inspect	2		2-yr. Shelf Life
3	Bags	Inventory	10		
4	Note Pads with Pens	Inventory	2		
5	Radiation Signs with Inserts	Inventory	4		
6	Sets of Air Sample Filters in Bags	Inventory	4		
7	Decon Spray (can)	Inventory	1		
8	Roll/Box Paper Towels	Inventory	1		
9	Radiation Tape (roll)	Inventory	1		
10	Sets of Blank Shipping Papers	Inventory	2		
11	"Radioactive" Placards	Inventory	15		
12	Roll "Radioactive LSA" Tape	Inventory	1		
13	Aircraft Labels	Inventory	25		
14	"Empty" Labels	Inventory	25		
15	White "I" Labels	Inventory	25		
16	Yellow "II" Labels	Inventory	25		
17	Yellow "III" Labels	Inventory	25		
18	Wire Seals	Inventory	25		
19	Roll "Possible Internal Contamination" Tape	Inventory	1		
20	Roll "Caution Radioactive Material" Tape	Inventory	1		
21	Smears in Envelopes	Inventory	100		
22	Whole Body TLDs	Inventory	10		
23	Control TLD	Inventory	1		
24	"DRILL ONLY" Sign Inserts	Inventory	6		
25	Dosimeter Charger (with: Required Batteries Attached) Due Date: _____	B, C	1		2-yr. Batteries Shelf Life
26	HPP-703, Shipping Radioactive Materials (Rev. _____)	Audit	1		
27	HPP-702, Receipt of Radioactive Materials (Rev. _____)	Audit	1		
28	EPP-006, Transportation Accident Involving Radiological Material (Rev. _____)	Audit	1		
29	Radioactive Materials Transportation Accident Response Kit Equipment Checklist (EPP-103, Att. IX.K, Rev. _____)	Audit	2		