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Charles A. Bottemiller
Manager
Plant Licensing

September 11, 2002

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Subject: Changes to Emergency Plan Implementing Procedures – September 11, 2002

Grand Gulf Nuclear Station
Docket No. 50-416
License No. NPF-29

GNRO-2002/00081

Ladies & Gentlemen:

Entergy Operations, Inc. submits in accordance with 10CFR50 Appendix E, Section V changes to the following Emergency Plan Implementing Procedure:

01-S-10-5 Rev. 7

This letter does not contain any commitments.

Yours truly,

A handwritten signature in black ink, appearing to read "C.A. Bottemiller".

Charles A. Bottemiller,
Licensing Manager

MJL
attachment: 1. Procedure 01-S-10-5
cc:

(See Next Page)

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cc:

Hoeg	T. L.	(GGNS Senior Resident)	(w/a)
Levanway	D. E.	(Wise Carter)	(w/a)
Reynolds	N. S.		(w/a)
Smith	L. J.	(Wise Carter)	(w/a)
Thomas	H. L.		(w/o)

U.S. Nuclear Regulatory Commission ATTN: Mr. E. W. Merschoff (w/2) 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011-4005	ALL LETTERS
U.S. Nuclear Regulatory Commission ATTN: Mr. David H. Jaffe NRR/DLPM (w/2) ATTN: FOR ADDRESSEE ONLY ATTN: U.S. Postal Delivery Address Only Mail Stop OWFN/7D-1 Washington, D.C. 20555-0001	ALL LETTERS – U.S. POSTAL SERVICE MAIL DELIVERY ADDRESS ONLY

PLANT OPERATIONS MANUAL


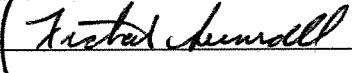
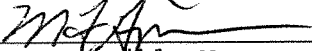
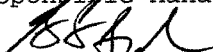
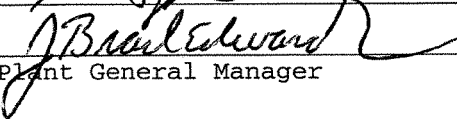

Volume 01
Section 10

01-S-10-5
Revision: 7
Date: 8/30/02

ADMINISTRATIVE PROCEDURE

CONTROL OF EMERGENCY RESPONSE EQUIPMENT AND FACILITIES

NON-SAFETY RELATED

Prepared: 
Reviewed: 
Concurred: 
OSRC: 
Approved:  , 

List of Effective Pages:

Pages 1-8

Attachment I

List of TCNs Incorporated:

<u>Revision</u>	<u>TCN</u>
0	None
1	None
2	None
3	None
4	None
5	None
6	None
7	None

Title: Control of Emergency Response Equipment and Facilities	No.: 01-S-10-5	Revision: 7	Safety Evaluation
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I. OVERVIEW/SIGNATURES

Facility: _____

Document Reviewed: 10-S-01-5 Change/Rev. 7

System

Designator(s)/Description: _____

Description of Proposed Change


This revision to 01-S-10-5 adds the River Region Medical Center as an offsite medical facility, and removes ParkView Regional Medical Center and Vicksburg Medical Center. This revision also removes the cross reference to USFAR 6.4.1.1 from the RPTS sheet and corrects the title for the Superintendent, Radiation Protection and the title for Radiation Protection Instrumentation procedure, 08-S-01-70. This change also removes from section 4.11 the statement that posted EOF TLD's are read quarterly.

If the proposed activity, in its entirety, involves any one of the criteria below, check the appropriate box, provide a justification/basis in the Description above, and forward to a Reviewer. No further 50.59 Review is required. If none of the criteria is applicable, continue with the 50.59 Review.

- The proposed activity is editorial/typographical as defined in Section 5.2.2.1.
- The proposed activity represents an "FSAR-only" change as allowed in Section 5.2.2.2_____. (Insert item # from Section 5.2.2.2).
- The proposed activity is controlled by another regulation per Section 5.2.2.3.

If further 50.59 Review is required, check the applicable review(s): (Only the sections indicated must be included in the Review.)

<input checked="" type="checkbox"/>	SCREENING	Sections I, II, and III required
<input type="checkbox"/>	50.59 EVALUATION EXEMPTION	Sections I, II, III, and IV required
<input type="checkbox"/>	50.59 EVALUATION (#: _____)	Sections I, II, III, and V required

Preparer: Richard Van Den Akker  /EOI/EP/ 8-29-02
 Name (print) / Signature / Company / Department / Date

Reviewer: Richard Sumball  /EOI/EP/ 8/29/02
 Name (print) / Signature / Company / Department / Date

OSRC: N/A
 Chairman's Name (print) / Signature / Date
 [Required only for Programmatic Exclusion Screenings (see Section 5.8) and 50.59 Evaluations.]

List of Assisting/Contributing Personnel:

Name:	Scope of Assistance:
_____	_____
_____	_____
_____	_____

Title: Control of Emergency Response Equipment and Facilities	No.: 01-S-10-5	Revision: 7	Safety Evaluation
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II. SCREENING

A. Licensing Basis Document Review

1. Does the proposed activity impact the facility or a procedure as described in any of the following Licensing Basis Documents? (Check "N/A" for those documents that are not applicable to the facility.)

<i>Operating License</i>	YES	NO	N/A	<i>CHANGE # and/or SECTIONS IMPACTED</i>
Operating License	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
TS	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
NRC Orders	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

If "YES", obtain NRC approval prior to implementing the change. (See Section 5.1.13 for exceptions.)

<i>LBDs controlled under 50.59</i>	YES	NO	N/A	<i>CHANGE # (if applicable) and/or SECTIONS IMPACTED</i>
FSAR	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
TS Bases	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Technical Requirements Manual	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Core Operating Limits Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Offsite Dose Calculations Manual	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
NRC Safety Evaluation Reports ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

If "YES", perform an Exemption Review per Section IV OR perform a 50.59 Evaluation per Section V.

<i>LBDs controlled under other regulations</i>	YES	NO	N/A	<i>CHANGE # (if applicable) and/or SECTIONS IMPACTED</i>
Quality Assurance Program Manual ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Emergency Plan ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Security Plan ^{2, 3}	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Fire Protection Program ⁴ (includes the Fire Hazards Analysis)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

If "YES", evaluate/process any changes in accordance with the appropriate regulation.

2. Does the proposed activity involve a test or experiment not described in the FSAR? Yes No
 If "yes," perform an Exemption Review per Section IV OR perform a 50.59 Evaluation per Section V.

3. Does the proposed activity potentially impact equipment, procedures, or facilities utilized for storing spent fuel at an Independent Spent Fuel Storage Installation? Yes No N/A
 (Check "N/A" if dry fuel storage is not applicable to the facility.)
 If "yes," perform a 72.48 Review in accordance with NMM Procedure LI-112.
 (See Sections 1.5 and 5.3.1.5 of the EOI 10CFR50.59 Review Program Guidelines.)

¹ If "YES," see Section 5.1.5.

² If "YES," notify the responsible department and ensure a 50.54 Evaluation is performed.

³ The Security Plan is classified as safeguards and can only be reviewed by personnel with the appropriate security clearance. The Preparer should notify the security department of potential changes to the Security Plan.

⁴ If "YES," evaluate the change in accordance with the requirements of the facility's Operating License Condition.

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B. Basis

(Provide a clear, concise basis for the answers given in the applicable sections above. Adequate basis must be provided within the Screening such that a third-party reviewer can reach the same conclusions. Simply stating that the change does not affect TS or the FSAR is not an acceptable basis.)

Performed keyword searches of the on-line COLR, Fire Protectin Program, UFSAR, TECHSPECS, ODCM, QAPM, SERs, and Emergency Plan the keywords HOSPITAL, MEDICAL, PARKVIEW, VICKSBURG MEDICAL, INJURY, FIRST AID, RADIATION PROTECTION, THERMOLUMINESCENT DOSIMETER, DOSIMETRY and TLD. 10CFR20.1502 was also reviewed.

Searches revealed that the hospitals used to support Grand Gulf are listed in the GGNS Emergency Plan sections 5.6.1, 6.7.4 and appendices B and D, and in the FSAR section 13.3. Emergency Plan Change 47 and FSAR change LBDC 2002-010 have already removed ParkView and Vicksburg Medical Centers and added River Region Medical Center.

This change does not affect the level of medical care available to support Grand Gulf during emergencies. The new medical facility will have an emergency room larger than the other two facilities emergency rooms combined, including a decontamination room designed for hazardous material, including radiological. The personnel staffing the new facility have been trained to handle radiological incidents while at the other hospitals.

Offsite medical facilities have no affect on the operation of Grand Gulf Nuclear Station, or the maintenance of plant structures, systems or components. Offsite medical facilities will not affect any tests, procedures or evolutions at Grand Gulf and will have no impact on severity or occurrence of any accidents.

The title change from Radiation Control Superintendent to Radiation Protection Superintendent is consistent with the FSAR.

Searches revealed that there are no requirements associated with the frequency of reading posted dosimetry in the EOF.

Security Plan impact has been reviewed by Security (Larry Durden) and indicates that this change will not impact the Security Plan.

C. References

[Discuss the methodology for performing the LBD search. State the location of relevant licensing document information and explain the scope of the review such as electronic search criteria used (e.g., key words) or the general extent of manual searches per Section 5.3.6.4 of LI-101.]

LBDs/Documents Reviewed:	Keywords:
FSAR, Technical Specifications, GGNS Emergency Plan, 10CFR20.1502	HOSPITAL, MEDICAL, PARKVIEW, INJURY, FIRST AID, HEALTH PHYSICS

D. Is the validity of this Review dependent on any other change? (See Section 5.3.4 of the EOI 10CFR50.59 Program Review Guidelines.) Yes No

If "Yes," list the required changes.

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III. ENVIRONMENTAL SCREENING

If any of the following questions is answered "yes," an Environmental Review must be performed in accordance with NMM Procedure EV-115, "Environmental Evaluations," and attached to this 50.59 Review.

Will the proposed Change being evaluated:

Yes No

- Involve a land disturbance of previously disturbed land areas in excess of one acre (i.e., grading activities, construction of buildings, excavations, reforestation, creation or removal of ponds)?
- Involve a land disturbance of undisturbed land areas (i.e., grading activities, construction, excavations, reforestation, creating, or removing ponds)?
- Involve dredging activities in a lake, river, pond, or stream?
- Increase the amount of thermal heat being discharged to the river or lake?
- Increase the concentration or quantity of chemicals being discharged to the river, lake, or air?
- Discharge any chemicals new or different from that previously discharged?
- Change the design or operation of the intake or discharge structures?
- Modify the design or operation of the cooling tower that will change water or air flow characteristics?
- Modify the design or operation of the plant that will change the path of an existing water discharge or that will result in a new water discharge?
- Modify existing stationary fuel burning equipment (i.e., diesel fuel oil, butane, gasoline, propane, and kerosene)?¹
- Involve the installation of stationary fuel burning equipment or use of portable fuel burning equipment (i.e., diesel fuel oil, butane, gasoline, propane, and kerosene)?¹
- Involve the installation or use of equipment that will result in an air emission discharge?
- Involve the installation or modification of a stationary or mobile tank?
- Involve the use or storage of oils or chemicals?
- Involve burial or placement of any solid wastes in the site area that may effect runoff, surface water, or groundwater?

¹ See NMM Procedure EV-117, "Air Emissions Management Program," for guidance in answering this question.

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10CFR50.54(q) SCREENING

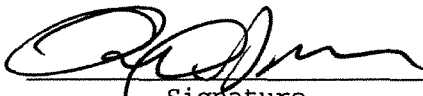
1. DOCUMENT INFORMATION


Procedure/Document Number: 01-S-10-05	Proc./Doc. Revision: 7
Document Title: Emergency Response Equipment and Facilities	
Brief Description of Proposed Revision:	
<p>Revision 7 adds River Region Medical Center to the list of offsite medical facilities and removes Parkview Regional Medical Center and Vicksburg Medical Center.</p> <p>Emergency Plan Revision 47 and FSAR change LBDC 2002-010 include these changes.</p> <p>This revision also removes the cross reference to USFAR 6.4.1.1 from the RPTS sheet and corrects the title for the Superintendent, Radiation Protection and the title for Radiation Protection Instrumentation procedure, 08-S-01-70. This change also removes from section 4.11 the statement that posted EOF TLD's are read quarterly.</p>	

2. SCREENING

<p>A.) Does the proposed revision require a change to the Emergency Plan? ___ Yes ___ X No</p> <p>B.) Does the proposed revision change the site Emergency Action Levels (EALs)? ___ Yes ___ X No</p> <p>If the answer to either question is YES, then a 50.54(q) evaluation must be performed.</p>
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3. APPROVAL

Screening Completed By:  8-29-02
 Signature Date

Screening Reviewed By:  8-28-02
 Signature Date

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RPTS FORM

10CFR50.59 Review Required?	<input checked="" type="checkbox"/> Yes	If Yes, attach 50.59 Review Form
	<input type="checkbox"/> No	Not required per LI-101

Cross-Discipline review required?	<input type="checkbox"/> Yes	(Note affected Departments Below)
	<input checked="" type="checkbox"/> No	
Preparer Initials>>> M		

Departments Cross-Discipline Reviews Needed	Signoff (signed, electronic, telcon)

Reviewed by: _____

Does this directive contain Tech Spec Triggers? () YES (X) NO

REQUIREMENTS CROSS-REFERENCE LIST

Requirement Implemented Name	by Directive Paragraph Number	Directive Paragraph Number That Implements Requirement
GGNS Emer Plan	7.8.S3,4	6.4.12
GGNS Emer Plan	7.10.S3	6.1.1, 6.1.2, 6.1.3
GGNS Emer Plan	8.4.S1(G)	2.1
GGNS Emer Plan	8.6.S1	2.1
GGNS Emer Plan	8.6.S2, S7 & S8	6.1.8.S2, 6.1.4, 2.1.3
GGNS Emer Plan	8.6.S3	6.1.1,6.1.2, 6.1.3
GGNS Emer Plan	8.6.S3, 7.5.3.a.3	6.3.1h
GGNS Emer Plan	8.6.S10	6.1.8.S1
GGNS Emer Plan	8.6.S6	6.1.5
GGNS Emer Plan	Appendix B	6.1.7, 6.2
AECM 87/0169	Att. I, Pg. 12, b	6.4.7
UFSAR	6.4.1.1.b	6.4.1a
UFSAR	6.4.1.1.f, 9.5-11.F.2.S6, 6.4.4.2.S15	6.4.2a,b,c
UFSAR	6.4.2.6.S1, S2 & S3	6.4.2
NUREG 0654	II H 10.S2	6.1.4
GNRI-91/0105	91-09-01 Section 3, Para 3,4,5	6.3.1d,e
GNRI-92/00244	IFI 92-23-02	6.1.11
GNRO 97/00113	*	6.4.13
10CFR50, App. E	VI.1.S4 & S5	6.3.1g
CR-GGN-1999-1976	CA #8	7.0

* Covered by directive as a whole or by various paragraphs of the directive.

NOTE

The Component Database Change Request statement is applicable only to Volume 06 and 07 maintenance directives.

Component Database Change Request generated and the backup documentation available for setpoint and/or calibration data only Yes N/A CDBCR # _____

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Current Revision Statement

- This revision to 01-S-10-5 adds the River Region Medical Center as an offsite medical facility, and removes ParkView Regional Medical Center and Vicksburg Medical Center.
- This revision also removes the cross reference to UFSAR section 6.4.1.1 from the RPTS sheet.
- This revision also corrects the title for the Superintendent, Radiation Protection and the title for Radiation Protection Instrumentation procedure, 08-S-01-70
- This revision also removes from section 4.11 the statement that posted EOF TLD's are read quarterly.

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1.0 PURPOSE

- 1.1 To prescribe requirements for the inventory, inspection, maintenance and operability checks of Emergency Facilities and Equipment.

2.0 RESPONSIBILITIES

- 2.1 Manager, Emergency Preparedness or his designee - Is responsible for the following:
- 2.1.1 Implementing the requirements of this procedure except as specifically noted in this procedure.
 - 2.1.2 Planning and scheduling facility inventories and inspections.
 - 2.1.3 Ensuring that designated emergency equipment is properly maintained, inventoried, inspected, and that proper corrective actions are taken to remedy deficiencies found with designated emergency equipment.
 - 2.1.4 Ensuring that proper documentation is submitted in accordance with this procedure.

NOTE

Fire protection equipment is the responsibility of the Fire Protection Coordinator.

- 2.2 Superintendent, Radiation Protection (or Designee) - Is responsible for:
- 2.2.1 Inspection, maintenance, and tracking of respiratory protection devices.
 - 2.2.2 Inspection, inventory, and maintenance of 93' Elev First Aid Station.
 - 2.2.3 Documentation of activities listed in 2.2.1 and 2.2.2 of this procedure.
 - 2.2.4 Performance of activities listed in 6.4.13 of this procedure.

3.0 REFERENCES

- 3.1 GGNS Emergency Plan
- 3.2 Section Procedure 08-S-01-70, Radiation Protection Instrumentation
- 3.3 Section Procedure 08-S-02-42, Inspection and Maintenance of Respiratory Protection Equipment
- 3.4 Emergency Preparedness Procedure 10-S-02-1, ERF Inspection, Inventories, Operability Checks and Maintenance
- 3.5 Hospital Emergency Department Management of Radiation Accidents - GGNS EP Section Manual
- 3.6 Administrative Procedure 01-S-10-7, EOF Management Program

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4.0 ATTACHMENTS

4.1 Attachment I - Equipment Operability Check Requirements Matrix

5.0 DEFINITIONS

- 5.1 ARM - Area Radiation Monitor
- 5.2 BEOF - Backup Emergency Operations Facility
- 5.3 BOSC - Backup Operations Support Center
- 5.4 BTSC - Backup Technical Support Center
- 5.5 EIC - Emergency Information Center
- 5.6 ENMC - Emergency News Media Center
- 5.7 ENS - Emergency Notification System (NRC phone)
- 5.8 EOF - Emergency Operations Facility
- 5.9 ERDS - Emergency Response Data System
- 5.10 ERF - Emergency Response Facility
- 5.11 ERFIS - Emergency Response Facility Information System
- 5.12 HEPA - High Efficiency Particulate Adsorption
- 5.13 HPN - Health Physics Network (NRC)
- 5.14 IAW - In Accordance With
- 5.15 MCL - Management Counterpart Link
- 5.16 OCL - Operational Counterpart Link (Local Area Network Access)
- 5.17 OSC - Operations Support Center
- 5.18 PMCL - Protective Measures Counterpart Link
- 5.19 RSCL - Reactor Safety Counterpart Link
- 5.20 SPDS - Safety Parameter Display System
- 5.21 TSC - Technical Support Center
- 5.22 VIP-2000 - Computerized automated dialing system for Emergency Response Personnel callout

6.0 DETAILS

6.1 Inventories, Inspections and Operability Requirements

- 6.1.1 All emergency response facilities, emergency support facilities, instruments and equipment shall be inventoried once per calendar quarter and after each use.
- 6.1.2 All emergency response facilities, emergency support facilities, instruments and equipment shall be inspected once per calendar quarter and after use.

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- 6.1.3 All emergency response facilities, emergency support facilities, instruments and equipment shall be operability checked in accordance with section 6.3 of this procedure.
- 6.1.4 There shall be sufficient reserves of equipment and instruments to replace those which are removed from emergency kits or facilities for calibration or repair.
- 6.1.5 Equipment and supplies having shelf lives are checked and replaced as necessary.
- 6.1.6 Calibration of equipment or instruments shall be at intervals recommended by the supplier of the equipment. Radiological monitoring equipment must be tested IAW Reference 3.2.
- 6.1.7 A Minimum Required Items List should be submitted to file at least once per calendar year that documents the minimum amount and type of equipment and supplies to be contained in each emergency facility.
- 6.1.8 ERF fixed equipment testing, checks, and maintenance and inventories are documented as specified in reference 3.4, documented by a letter to file, or documented as part of a drill or exercise. Completion of the inventory, inspection, and operability check includes correction of any discrepancies found unless specifically noted in the memo and suitable reason and time frame for correction is given.
- 6.1.9 A current inventory of emergency instruments is maintained and updated by EP. The inventory reflects the instrument type, model, GGNS serial number, and the calibration due date. The inventory may also contain information regarding expiration dates and shelf lives of items such as potassium iodide supplies, iodine filters and ERF TLDs.
- 6.1.10 Procedures and forms maintained in ERFs must be current.
- 6.1.11 Emergency equipment/instruments nearing their calibration due date shall be replaced before exceeding their calibration due date.
- 6.2 Designated Emergency Response Facilities (ERFs), Emergency Support Facilities, Equipment and Instruments
- 6.2.1 Emergency Response Facilities are:
- a. TSC, OSC, EOF, Control Room, BEOF, EIC, ENMC, BTSC, BOSC
- 6.2.2 Emergency Support Facilities are:
- a. Health Physics Laboratory and Decontamination Facility, First Aid Stations, Security Island.
 - b. Claiborne County Hospital, River Region Medical Center, Riverland Medical Center.

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6.2.3 Emergency equipment is:

- a. Offsite Monitoring Kits, respiratory, eye, and skin protection devices, Potassium Iodide supplies, emergency food supplies, communications equipment, personnel cooling garments.

6.2.4 Emergency instruments are:

- a. Dose rate meters, count rate meters, air sampling equipment, dosimetry devices. (Portable ARMs are not considered emergency instruments.)

6.3 Facility and Equipment Maintenance, Operability Check, and Testing Requirements

6.3.1 Specific periodic maintenance, operability checks, and testing are as follows:

- a. Calibration of the EOF HVAC Radiation Monitors every 36 months.
- b. Operability testing/check of the EOF Diesel Generator once per month.
- c. Preventative maintenance on the EOF Diesel Generator once per calendar year.
- d. Isolation test/differential pressure test of the EOF once per calendar year.
- e. A quarterly housekeeping inspection of the EOF Penthouse shall be performed.
- f. Perform a quarterly operability check of ENS, HPN, PMCL, MCL, RSCL from TSC and EOF.
- g. Perform quarterly operability check of ENS and ERDS from Control Room.
- h. Perform quarterly operability check of VIP-2000.
- i. Perform quarterly operability check of Operational Hot Line.
- j. Perform a quarterly visual inspection of EOF diesel generator and associated equipment.
- k. Perform quarterly operability check of items in Attachment I of this procedure.

6.4 Facility Specific Requirements

6.4.1 Emergency Food Supplies

- a. Emergency pre-packaged meals are maintained in the Control Room Envelope in sufficient quantity to sustain an emergency team of five people for five days (75 meals).

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6.4.1 (Cont.)

- b. Emergency water supply is maintained in the Control Room Envelope in sufficient quantity to sustain an emergency team of five people for five days.
- c. Emergency pre-packaged meals are maintained in the EOF in sufficient quantity to sustain an emergency team of seven people for five days (105 meals).

6.4.2 Protective Equipment for the Control Room Envelope

- a. Respiratory, eye, and skin protection must be provided in the Control Room Envelope.
- b. Five portable Self Contained Breathing Apparatus (SCBA) are maintained in the Control Room Envelope. Each has a duration of at least 30 minutes.
- c. Ten charged SCBA bottles are maintained in the Control Room Envelope. Each has a duration of at least 30 minutes.

6.4.3 The following ERF keys should be in the OSC.

- a. OSC Issue Rooms
- b. TSC
- c. Designated Emergency Vehicles
- d. EOF
- e. BEOF
- f. Three "A" Series Keys
- g. Site Ambulance
- h. Site Processing Facility First-Aid Room
- i. Other keys as designated by the Manager, Emergency Preparedness.

6.4.4 Training Verification

- a. Training qualification for Emergency Response personnel is normally verified through the use of the HIS-20 computer program which is located in both the OSC and EOF. If HIS-20 is unavailable, use the On-Track computer program or Site Dosimetry to verify training.

6.4.5 Cameras

- a. Cameras for OSC use are not specifically maintained for EP; however, they may be obtained from Health Physics, Quality Programs and Security.

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6.4.6 Exposure Margins

- a. Emergency Response personnel exposure margins are normally verified through the use of the HIS-20 computer program which is located in both the OSC and EOF. If HIS-20 is unavailable, Site Dosimetry may be contacted to verify exposure margins.

6.4.7 Personnel Cooling Garments

- a. Personal protective equipment suitable for thermal protection in a high temperature environment shall be available for use in the plant.

6.4.8 Thyroid Blocking Agent

- a. Thyroid Blocking Agent (normally Potassium Iodide (KI) is maintained in sufficient quantity to provide the recommended daily dosage for seven days to persons who would report to the following locations:

- (1) Control Room
- (2) HP Lab
- (3) TSC
- (4) OSC
- (5) Offsite Monitoring Kits
- (6) EOF

6.4.9 Personnel TLD/Finger Ring Program

- a. TLDs are maintained in sufficient quantity to provide a TLD and/or a Finger Ring, as appropriate, to persons who, by procedure, are required to be issued a permanent record dosimetry device during an emergency. The TLDs are available in the following locations:

- (1) EOF
- (2) All locations listed in Section 6.2.2b of this procedure.

- b. TLDs/Finger Rings are read quarterly.

6.4.10 EOF/BEOF Access List

- a. A list of all Entergy Personnel who have current Fitness For Duty and "Suitable Inquiry" background investigation is maintained in the EOF and at the BEOF (Control Room at Baxter Wilson Steam Electric Station).
- b. The Access List is updated quarterly.
- c. The Access List is kept with a set of representative ID's from Federal, State and Local agencies who may respond to the EOF/BEOF during an emergency. The representative ID's are reviewed annually for changes.

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6.4.11 Posted TLD Program

- a. Posted TLDs are installed in the EOF to provide a method for assessing occupational exposure for personnel working in the EOF during an emergency.

6.4.12 First Aid Kits/Stations

- a. First-Aid Kits are located in the Control Room, Maintenance Shop and EOF.
- b. A First-Aid Station is located at 93' Elevation at the Control Building.

6.4.13 Control and Tracking of Emergency Respiratory Protective Equipment

- a. Information will be maintained, in the OSC, that provides the current status of those air reserves designated for emergency use.

7.0 DISCREPANCIES

- 7.1 All discrepancies found during an inventory, inspection, operability check, test, or otherwise noted, must be reported to the Manager, Emergency Preparedness.
- 7.2 All discrepancies found during an inventory or inspection must be documented in accordance with reference 3.4.
- 7.3 All discrepancies in the operation of EOF Equipment must be reported in accordance with reference 3.6.
- 7.4 All discrepancies must be corrected as soon as possible. If a delay exists in correcting the discrepancy, sufficient reason or documentation must be provided explaining the delay and a time frame for correcting the discrepancy.

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EQUIPMENT OPERABILITY CHECK REQUIREMENTS MATRIX

"X" indicates which equipment is required to be operationally checked in a facility.

EQUIPMENT	CR	TSC	OSC	EOF	BEOF	ENMC	EIC	DEV1	DEV2	DEV3	HOSPITALS REF 6.2.2b	BTSC	BOSC
TELEPHONES	X	X	X	X	X	X	X					X	X
FAX MACHINES		(X)	(X)	(X)		(X)							
PHOTOCOPY MACHINE		(X)		(X)		X							(X)
PORTABLE RADIOS			(X)	(X)									
VEHICLE RADIOS								X	X	X			
BASE UNIT RADIOS	(X)	(X)	(X)	(X)	X								
SOUND POWERED PHONES		X	X										
P.A. SYSTEMS		X	X	X		X						X	X
TELEVISION						X							
OP HOT LINE	X	X		X	X								

DEV = Designated Emergency Vehicle
() = Should be "On" at all times

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EQUIPMENT OPERABILITY CHECK REQUIREMENTS MATRIX (Continued)

"X" indicates which equipment is required to be operationally checked in a facility.

EQUIPMENT	CR	TSC	OSC	EOF	BEOF	ENMC	EIC	DEV1	DEV2	DEV3	HOSPITALS REF 6.2.2b	BTSC	BOSC
COMPUTERS		(X)		(X)		X							
PDS/SPDS	(X)	(X)		(X)									
FIXED RAD MONITORS				(X)									
DOSE CALC COMPUTERS	(X)	(X)		(X)	(X)								
HPN & ENS	ENS Only X	X		X									
HIS-20 Computer			(X)	(X)									
EAD Readers			(X)										(X)
PMCL, RSCL, MCL, ERDS	ERDS Only X	X		X									
Emergency Instruments	X	X	X	X		X**		X	X	X	X	X	X
Portable Arm				X									

DEV = Designated Emergency Vehicle

** Although ARM is not an Emergency Instrument, it should be OP checked.

() = Should be "On" at all times