Date Entered: May 14, 2003

TO:	USNRC/WASHINGTON

JMCKNIGHT Copy Number:

701. 14

TRANSMITAL NUMBER:

243672

**PROCEDURE NUMBER: EI-16.1** 

TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

TRANSMITTAL: LISTED BELOW ARE NEW/REVISED PROCEDURES WHICH MUST BE

IMMEDIATELY INSERTED INTO OR DISCARDED FROM YOUR PROCEDURE

MANUAL.

Action Required	Section or Description	
REMOVE AND DESTROY	EI-16.1, R/13, ENTIRE PROCEDURE	
REPLACE WITH	EI-16.1, R/14, ENTIRE PROCEDURE	
SIGN, DATE, AND RETURN THE ACKNOW PLANT DOCUMENT CONTROL.	LEDGEMENT FORM WITHIN 10 DAYS TO THE PALISADES	
SIGNATURE OR INITIALS	<u>DATE</u>	

Procedure No El-16.1 Revision 14 Effective Date 5/14/03

## PALISADES NUCLEAR PLANT EMERGENCY IMPLEMENTING PROCEDURE

#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

Approved: NKBrott / 5/14/03
Procedure Sponsor Date

#### New Procedure/Revision Summary:

Revised to Revision 14

#### **Specific Changes**

- 1. Step 5.1.1b, revised to ensure that it is clear that there will not be any seal(s) on Kit #15 and determination of the need to inventory the kit will be by review of the HP key issuance log.
- 2. Attachment 1, the asterisked note at the bottom of the page revised to add wording the ensures that is clear Kit #15 will not have any seal(s) on it and determination of the need to inventory the kit will be by review of the HP key issuance log.
- 3. Attachment 5, revised to enhance checklist use by adding a horizontal line under each component in the individual tray sections similar to the approach used in Attachment 2.

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### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

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#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

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Attachment 1, "Inspection of Emergency Kits	Attachment 1	, "Ins	pection	of	<b>Emergency</b>	Kits'
---------------------------------------------	--------------	--------	---------	----	------------------	-------

- Attachment 2, "Emergency Kit Inventory"
  Attachment 3, "Medical Emergency Kit Inventory"
- Attachment 4, "Decontamination Kit Inventory"
- Attachment 5, "Maintenance Emergency Kit Inventory"
- Attachment 6, "Kit 16 Allegan Service Center Decontamination Equipment"

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#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

## USER ALERT INFORMATION USE PROCEDURE

The activities covered by this procedure may be performed from memory.

#### 1.0 PERSONNEL RESPONSIBILITY

Chemical and Radiological Services Department, Maintenance and Construction Department, and the Emergency Planning Section of the Training Department are responsible for inspection and inventory of prepositioned emergency equipment.

#### 2.0 PURPOSE

This procedure ensures that prepositioned emergency equipment, as listed in the Site Emergency Plan, is available and functional in order to provide an adequate state of emergency preparedness. Equipment in addition to that listed in the Site Emergency Plan is available to provide more than adequate emergency equipment.

#### 3.0 REFERENCES

#### 3.1 SOURCE DOCUMENTS

- 3.1.1 NUREG 0654, Section H, "Emergency Facilities and Equipment"
- 3.1.2 Site Emergency Plan SEP-8, "Maintaining Emergency Preparedness"

#### 3.2 REFERENCE DOCUMENTS

- 3.2.1 Emergency Implementing Procedure El-15.2, "Communications Tests"
- 3.2.2 Work Instruction WI-RSD-T-001, "Emergency Preparedness Radio Testing"
- 3.2.3 Work Instruction WI-RSD-T-002, "Emergency Plan Radiation Detection Instruments Checklist"
- 3.2.4 Palisades Administrative Procedure 10.41, "Procedure and Policy Processes"

#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

### 4.0 INITIAL CONDITIONS AND/OR REQUIREMENTS

- a. Missing or inoperable equipment shall be promptly replaced or mitigating actions taken as specified by Emergency Planning.
- b. Equipment described in this procedure might not be stored in a physical container, but shall be available in the location described.
- c. Work Instruction WI-RSD-T-002, "Emergency Plan Radiation Detection Instruments Checklist," contains the criteria for determining operability of emergency radiation instruments. This checklist is performed monthly.

#### 5.0 PROCEDURE

## USER ALERT INFORMATION USE PROCEDURE

The activities covered by this procedure may be performed from memory.

#### 5.1 GENERAL INSTRUCTIONS

### 5.1.1 Inspection and Inventory Frequency

a. Emergency kits shall be inspected at least quarterly.

NOTE: Kit #15 will not have a seal. Determination of the need to inventory the Kit #15 may be made by reviewing the Health Physics Key issuance log.

- b. Emergency kits shall be inventoried at a minimum, annually. Also after each use and in the event the seal is broken.
- c. Entry into emergency kits to replace shelf life items, perform operational/functional checks of portable radiation instruments, or to update procedures does not constitute use of a kit.

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#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

#### 5.1.2 Location

Emergency kits shall be located as follows:

- a. Kit 1, Technical Support Center.
- b. Kit 2, Technical Support Center (Decontamination).
- c. Kit 3, Operational Support Center, Fan Room.
- d. Kit 4, Operational Support Center, Fan Room (Decontamination).
- e. Kit 5, Emergency Vehicle 23-035.
- f. Kit 6, Emergency Vehicle 23-035 (Decontamination).
- g. Kit 7, Emergency Operations Facility.
- h. Kit 8, Emergency Operations Facility (Decontamination).
- i. Kit 9, Emergency Vehicle 33-461.
- j. Kit 10, Emergency Vehicle 33-461 (Decontamination).
- k. Kit 11, Ambulance Kit, Health Physics Office.
- I. Kit 12, Ambulance Kit, Health Physics Office (Decontamination).
- m. Kit 13, South Haven Community Hospital.
- n. Kit 14, Medical First-Aid Kit, Health Physics Office.
- o. Kit 15, Operational Support Center, Locker Room.
- p. Kit 16, Allegan Service Center Equipment.

### 5.1.3 Equipment Quantities

Minimum quantities of equipment are specified on the applicable attachment. Discrepancies shall be noted on the applicable attachment.

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#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

#### 5.2 INSTRUMENTATION

#### 5.2.1 Radiation Detection Instrumentation

Radiation detection instruments shall be checked, tested, and replaced as necessary, and documented per Work Instruction WI-RSD-T-002, "Emergency Plan Radiation Detection Instruments Checklists." The instrumentation for the E-Vans, along with spare batteries and manuals, will be kept in a deployment kit at the OSC, one kit for each van, and tested monthly by the Health Physics Portable Instrument (HPPI) group.

Air samplers and manuals are kept in Deployment Kits along with radiation detection instruments located in the Fan Room, north of the OSC. These can be picked up there prior to leaving site.

### 5.2.2 Silver Zeolite Cartridges

Open packages of silver zeolite cartridges should be repackaged individually or in groups inside a ziplock bag.

#### 5.2.3 Self-Reading Dosimeters

Dosimeters with certification due before the end of the next quarter shall be certified or replaced with certified dosimeters.

### 5.2.4 Self-Reading Dosimeter Chargers

Self-reading dosimeter chargers shall be checked for operability and batteries replaced as necessary.

#### 5.2.5 Calculators

Calculators shall be checked for operability and batteries replaced as necessary.

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#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

#### 5.3 PROTECTIVE EQUIPMENT

#### 5.3.1 Respirators

- a. Respirators or their containers shall be marked with respirator type and dated. Dating shall include date respirator was put in the kit and inspection due date (one year).
- b. Respirators shall be stored and inspected per applicable Health Physics procedures. Respirators with inspections due before the end of the next quarter shall be inspected.
- c. A respirator qualification listing of personnel is normally kept in the Health Physics office area in hardcopy form or the qualifications can be retrieved from a computer in the same area.

#### 5.3.2 Potassium lodide

- a. Potassium iodide (KI) containers shall be marked with the expiration date provided by the manufacturer.
- b. Potassium iodide (KI) tablets with expiration dates before the end of the next quarter shall be replaced.

#### 5.3.3 TLD Badges

- a. Emergency personnel TLD Badges shall be replaced annually in EOF Kit 7 and at Lakeland Medical Emergency Center. They shall also be replaced quarterly in the Ambulance Kit 11 and SH Hospital Kit 13.
- b. Accident TLD Badges shall be replaced annually.
- c. Sets of extremity TLDs are maintained in the OSC Emergency Kit.

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#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

#### 5.4 COMMUNICATIONS

#### **5.4.1** Radios

Radios used for emergency response are inventoried and tested monthly per Work Instruction WI-RSD-T-001, "Emergency Preparedness Radio Testing."

### 5.4.2 Telephones

Telephone tests and drills are addressed in Emergency Implementing Procedure EI-15.2, "Communications Tests." This procedure is intended to inventory the emergency telephones.

#### 5.5 MISCELLANEOUS

#### 5.5.1 Flashlights

Flashlights shall be checked for operability, batteries, and bulbs replaced as necessary.

#### 5.5.2 Batteries

Spare batteries (with the exception of instrument batteries) shall be stored in a container. The container shall be marked with the date the batteries are due for replacement (one year). Batteries due for replacement before the end of the next quarter shall be replaced. Radiation detection instrument batteries shall be maintained in accordance with Work Instruction WI-RSD-T-002, "Emergency Plan Radiation Detection Instruments Checklists."

#### 5.5.3 Emergency Vehicles

The emergency vehicles shall be checked for operability by starting them, checking lights (interior and exterior), horn, fuel level (should be greater than or equal to one quarter tank).

#### 5.5.4 EOF Electrical Generator

The electrical generator used as backup power for the EOF is maintained and tested by the South Haven Conference Center staff.

Proc No El-16.1 Revision 14 Page 7 of 7

#### TITLE: MAINTENANCE OF EMERGENCY EQUIPMENT

#### 5.6 REVIEW/DOCUMENTATION

- a. Attachments shall be signed and dated by the person assigned to perform the inspection/inventory.
- b. Completed attachments shall be forwarded to Engineering Records Center.
- c. Inspections/inventories shall be retained by Engineering Records Center for five years.

#### 6.0 ATTACHMENTS AND RECORDS

#### 6.1 ATTACHMENTS

- 6.1.1 Attachment 1, "Inspection of Emergency Kits"
- 6.1.2 Attachment 2, "Emergency Kit Inventory"
- 6.1.3 Attachment 3, "Medical Emergency Kit Inventory"
- 6.1.4 Attachment 4, "Decontamination Kit Inventory"
- 6.1.5 Attachment 5, "Maintenance Emergency Kit Inventory"
- 6.1.6 Attachment 6, "Kit 16 Allegan Service Center Decontamination Equipment"

#### 6.2 RECORDS

Records generated by this procedure shall be filed in accordance with Palisades Administrative Procedure 10.46, "Plant Records." Refer to the record matrix attached to Palisades Administrative Procedure 10.46 for information needed to complete Record Indexing Form (PAL104).

#### 7.0 SPECIAL REVIEWS

The scope of this procedure does not include activities that require a 50.59 review per Palisades Administrative Procedure 10.41, "Procedure and Policy Processes." Therefore, changes to this procedure do not require a 50.59 review.

### **INSPECTION OF EMERGENCY KITS**

Kit Description	Inspection Date	Kit Inventory Required*
Kit 1, Technical Support Center		Yes No
Kit 2, TSC Decon	· · · · · · · · · · · · · · · · · · ·	Yes No
Kit 3, Operational Support Center		Yes No
Kit 4, OSC Decon		Yes No
Kit 5, Emergency Vehicle 23-035	<u> </u>	Yes No
Kit 6, Emergency Vehicle 23-035, De	econ	Yes No
Kit 7, Emergency Operations Facility		Yes No
Kit 8, EOF Decon		Yes No
Kit 9, Emergency Vehicle 33-461	<u> </u>	Yes No
Kit 10, Emergency Vehicle, Decon	·	Yes No
Kit 11, Ambulance Kit		Yes No
Kit 12, Ambulance Kit, Decon	· · ·	Yes No
Kit 13, South Haven Community Hos	pital	Yes No
Kit 14, Medical First Aid Kit	<del></del>	Yes No
Kit 15, OSC Locker Room		Yes No#
Kit 16, Allegan Service Center Equip	ment	Yes No
	Reason for Inspection: _	
	Completed By:	Date
	Reviewed By:	Date:

See note in Section 5.1 for determining inventory need for Kit #15 Emergency kits with an unbroken seal are not required to be inventoried. Refer to Section 5.1.1 for inventory frequency.

## **EMERGENCY KIT INVENTORY**

			:						•	
	Ki	it 1	Ki	t 3	Ki	t 5	Ki	7	Ki	t 9
	T	sc	0:	SC		gency -23-035	EC	)F	Emer Vehicle	gency -33-461
	Quant	Check	Quant	Check	Quant	Check	Quant	Check	Quant	Check
Instruments		1,				,				
High range, B/y Dose Rate Meter	1		1		Note 1		2		Note 1	
B/γ Countrate Meter (PRM-6 w/HP210 or Equivalent)	1		2	. ,.	Note 1		2		Note 1	
Sample Holder w/Planchet	1 1		1		1	<del></del>	2		. 1	
Air Sampler	1 1	<del>                                     </del>	1	-	Note 1		2		Note 1	
Air Sampler Filter Heads	1		6		Note 1	<del> </del>	2		Note 1	
Silver Zeolite Cartridges	10		15		15	<del></del>	15		15	
Gelman Particulate Filters	1 Box	<del> </del>	1 Box		1 Box	<del> </del>	1 Box		1 Box	
Environmental A/S TEDA Iodine Cartridges Scott	-	-	10		10		10		10	
Charcoal Cartridges for Air Sampler SAIC	. •.	-	-	-	-	<del>.</del>	10			-
Self-Reading Dosimeter, High Range (DRDs)	4		4		4	*	4		4	
Self-Reading Dosimeter Charger w/Batteries	1		1		1		1		1	
Calculator	_ 1		.1		1		1		1	
Teletector	-	-	2		•	-	•	-	•	<u>.</u>
Protective										
Rainsuits	<b>]</b> -	-	•	-	2		12		2	
Group B Set	2		2		-2		12		2	
Coveralls, Paper	2		2		4		12		4	٠
Gloves	12 pr		12 pr		·12 pr		12 pr		12 pr	
Respirators, Full Face w/lodine, and Particulate Filters	: -	-	: <b>-</b>	-	3		-	-	3	
Spare Iodine and Particulate Filters	•	-		-	3 sets		-	-	3 sets	
Masking Tape, Wide	2 rolls	· ·	2 rolls		1 roll	-	6 rolls		1 roll	
Potassium Iodide Tablets and Information Sheets	70		70		70		70		70	
Emergency Personnel TLD Badges	•	-	<b>-</b>	-	•	•	46		•	-
Accident TLD Badges		-	-		<del>-</del>	<b>-</b>	- 54		•	-
Extremity TLDs	-	<u> </u>	15 sets	<u> </u>	-		· <b>-</b>	-	<u> </u>	<u> </u>
Extremity Control TLDs	-	-	10			-	-	-	-	-
Electronic Dosimeters MG-ED	-	-	20		•	-	•	-		•
Communications										
Radios: battery powered hand held	:	•	Note 4	_		_	-	_	<u>-</u>	-
base station mobile	Note 4		Note 4	7	Note 4	:	Note 4		Note 4	
PA and Telephone Box Key	-	-	1		l <b>-</b> -		· <b>-</b> .,		-	-
Sound Powered Phones	12	-	į		-	•	-	•	-	
Wireless Microphone	2		•	-	-	•	2		-	-,
Wireless Receiver	1		<u> </u>	-	•		1		-	-
		-								

Kit 5 and Kit 9 instruments and batteries are stored in deployment kits located at the OSC. Emergency response radios are inventoried and tested per WI-RSD-T-001. NOTE 1: NOTE 4:

### **EMERGENCY KIT INVENTORY**

	Ki	t 1	Ki	t 3		t 5	Ki	t 7		t 9
	T:	SC	0:	SC		gency -23-035	E	OF		gency -33-461
	Quant	Check	Quant	Check	Quant		Quant	Check	Quant	
Reference Material		٠.								
Palisades Site Emergency Plan	1		-	-	-	, <b>-</b>	1		•	-
**** Emergency Implementing Procedures	6		2		1		6		1	
Site Map, large	1		1		1		2	,	1	
County Maps: Allegan	1		1	1.5	1		2		1	
Berrien	1		1		1		2		1	
Van Buren	1:		1	<u> </u>	1		2		1	:
10 Mile EPZ Map	1		1	·	1		1		1.	- ;
50 Mile State of Michigan Map	1			-	-	-	1			
Final Safety Analysis Report	1		-	-		-	1		-	-
County Emergency Plans:	<u> </u>	<del>                                     </del>	<b> </b>	<u> </u>					<u> </u>	
Allegan	- 1		· •	-	-	-	1	. ,	-	<b>-</b>
Berrien	1		-			-	1		-	-
Van Buren	1			-	<u>-</u>	<u> </u>	1		<del></del>	-
Michigan Emergency Plan	1		-	_		-	1	<del>                                     </del>	-	<del>-</del>
INPO Emergency Resources Manual	1		-		<del>-</del>		i		-	-
P&IDs	1		<u> </u>				2		<del>                                     </del>	
	1	<del> </del>	1	<del></del>			1	<del> </del>	-	
Off Normal Operating Procedures NRC Reg III Incident Response	<del> !</del>		<u>'</u>	<del> </del>	-			<u> </u>	<del></del>	<del></del>
	1 1		-	· •	-	1 -	1		-	-
Supplement Vol 1 & 2		<del></del>	<u> </u>	·	<del> </del>	<del></del>	1			
NUREG 0654	<u> </u>	-	-	-		-	1	<u> </u>		<del>-</del>
Public Information Policies & Procedures	•		•		-	-	1,		•	•
Palisades Tech Specs	1		-	-	-	-	1	1.	-	-
Palisades Tech Spec Bases	1		-	-	-	•	1		-	-
Oil Hazardous Materials Spill Prevention Plan	•		•	-	-	-	1		-	-
Deployment Package	•	-	-	-	Note 2		-	-	Note 2	1 2
System Operating Procedure (1 through 40)	1		1		<b>-</b>	. <b>-</b>	1		, . <b>-</b> : :	-
Emergency Operating Procedure	1		1			-	1		-	-
Emergency Operating Procedure Supplement	1		1		-	-	1		-	-
Core Damage Software (Corecalc)	1		_	<del></del>	-	_		ļ		-
Severe Accident Management			<del></del>	<del> </del>	<del>-</del>	<del> </del>		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
Guidelines	2		•	-	•	-	. 1		-	•
Floppy Disc for Offsite Dose Program	1.	<u> </u>		•	-		1			•
Licensed & Non-Licensed Operator Call Out Lists	." 1		-	-	_	-	1		•	
Consumers Energy FFD Program	•	-	-	-	-	-	1		-	
Emergency Augmentation Instruction Book	1		-	-	•	•	1		-	
Operations Fleet Procedures	1	<u> </u>	-	<del>-</del>	-		1		-	

Offsite team deployment packages are maintained/stored in the OSC cabinet Located in WCC/AO Office area due to Plant procedure reduction.
TSC, EOF, and OSC all have (1) complete set of El's. 5 partial in TSC and EOF, 1 partial in OSC.

## EMERGENCY KIT INVENTORY

	Ki	t 1	. Ki	13		t 5	Ki	17		t 9
	TS	SC	OS	SC ·		gency -23-035	EC	)F		gency -33-461
	Quant	Check	Quant	Check	Quant	Check	Quant	Check	Quant	Check
Miscellaneous							-	•		
Licensed & Non-Licensed Operator Call Out Lists	1		-	-	<b>:</b> .	<u> </u>	1		-	-
Plastic Bags, Large, Radioactive Material	2		. 2		2		2		2	·
Plastic Bags, Small, Radioactive Material	4		4		4		4		4	
Ziplock Bags, Small	10		10		10	<del></del>	· 10		10	
Ziplock Bags, Large	10		10		10		10		10	
Liter Bottles, Sample Collection	6		6		6		6		6	
Lead Shielding		-	1		-	-	-	· -	-	-
Smears	1 Box		1 Box		1 Box		1 Box		1 Box	
Masslinn Wipes	•	-	1 pkg	······	-	-	-	-	-	-
Radiation area Boundary Rope, Approx 50 ft	1		1		1		1		1	
Step Off Pad	-	-	1		•	-	-	-	-	-
Contamination area Tape Yellow & Magenta	1 Roll		1 Roll		1 Roll		1 Roll		1 Roll	
Radiation area, Contamination Area Signs	1 ea	,	1 ea		1 ea		1 ea		1 ea	
Stopwatch	1		2		1		1		1	
Flashlight w/Batteries	2	-	2	-	2		-2		· 2	
Inverter	-	-	•	-	1			-	1	1
Instrument Batteries: D cell	2		4		2		4		2	
9 volt	2	-	2		2		4		2	
C cell	•	-	8		-	-	-	-	-	-
Other Batteries: D cell	6		6		6		6		6	
AA cell	4		4		4		4		4	
Calculator Battery	2		2 ·		1		1		1	
Extension Cord, 50 ft	1		11		1		1		1	
Jumper Cable	-	•	•	-	1		-	<u> </u>	1 1	
Emergency Vehicle Keys (per vehicle)			Note 3		-	<u> </u>		•	-	<u> </u>
Form 40s	4 pkgs		4 pkgs		•	. •	4 pkgs		-	<u> </u>
Garden Trowel	-	-	<u> </u>	-	11	ļ	<b>-</b>	-	1	<u> </u>
Ladder	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	<u> </u>	•		1	<u> </u>
Sodium Bisulfate	<u> </u>	<u> </u>	<u> </u>	<u> </u>	-	•	.1		•	-
Gallon Sample Container	<u> </u>	<u> </u>	· ·	<u>  • •                                   </u>	-	<u> </u>	30		-	-
Alco-Sensor Breathalyzer	-	<u> </u>	-	<u> </u>	-	-	2			•
Disposable Mouthpieces for Alco-Sensor Breathalyzer	•	<u>-</u>	-	-	•	-	25		•	-
Battery Charger for Alco-Sensor Breathalyzer	-	•	-	-	•	-	1		-	-

NOTE 3:	A set of keys for each emergency van is
	stored in the Instrument Deployment Kit

Reason for Inventory:	· · · · · · · · · · · · · · · · · · ·
Performed By:	Date:
Reviewed By:	Date:

Kit 13

### MEDICAL EMERGENCY KIT INVENTORY

Kit 11

Mid Range, B/Y Dose Rate Meter B/Y Countrate Meter (PRM-6 w/HP 210 or Equivalent) Self-Reading Dosimeters Self-Reading Dosimeter Charger Instrument Batteries: D Cell 9 Volt Spare Batteries: D Cell AA Cell **TLD Badges** Protective Clothing: Surgical Clothing (Trousers, Shoe Covers, Shirts, Cap, Masks, Gloves, and Apron or Gown) Masking Tape, Wide Radiation Tape, Yellow and Magenta Radiation Area, Contamination Area Sign Plastic Bags, Large, Radioactive Material Plastic Bags, Small, Radioactive Material Ziplock Bags Smears **Equipment Container or Cart** Stanchions Radiation Area Boundary Rope Approximately 50 Feet Collapsible Yellow Basins Liquid Radwaste Container Step Off Pad Flashlight w/Batteries Decon Kit (Ambulance)

Inventory List Masslinn Mop Masslinn Wipes

Ki	111	Kit 13					
Amb	ulance	SH Hospital					
Quant	Check	Quant	Check				
1 .		-					
1		. 1	•				
6		12*					
1		1					
2		2					
2							
2		2					
2 .		2					
6		12*					
•	•	6					
<i>a</i> -			i				
1 Roll		1 Roll					
	· · ·	1 Roll					
1 Roll	· ·						
1 ea		1 ea					
2		6					
2		4					
10		10					
1 Box		1 Box	* .				
1		1					
-	=	4					
1	• f	1					
-	-	1					
•		1					
-	•	1					
1		-	-				
1		•	-				
1		1 .					
	•	1					
1 pkg		1 pkg					

<sup>\*</sup>NOTE: Lakeland Medical Emergency Center Kit (shared with DCCook Nuclear Plant) shall have 12 Self-Reading Dosimeters (replaced annually) and 12 TLD Badges (replaced quarterly).

### MEDICAL EMERGENCY KIT INVENTORY

Kit 14

	Medical Fir	Medical First Aid Kit				
FIRST AID SUPPLIES	Quant	Check				
Blanket	1 1	"				
4x4 Inch Gauze Pads	10					
Sterile Burn Sheet	1	1. 12°				
Triangular Bandages	6					
Gauze Bandage 4" (Kling) Rolls	2	* 1				
Gauze Bandage 3" (Kling) Rolls	2					
Gauze Bandage 2" (Kling) Rolls	2	,				
3 x 3 inch Gauze Pack	10	-				
Adhesive Bandage 1" Pack	1					
Adhesive Bandage 2¼ x 3½ Pack	1 Pack					
Adhesive Bandage - Knuckle Bands	1 Pack					
Ammonia Inhalants Packs	1 Box					
30 MI Bottles Eye Wash Solution	2					
Alcohol Swabs	1 Pack					
500 MI Bottle Sterile Water	1					
Trauma Dressing 10" x 30"	1					
5" x 9" Sterile Dressing	2					
Scissors	1					
1" Adhesive Tape	1 Roll					
2" Adhesive Tape	1 Roll					
3" Adhesive Tape	1 Roll					
Instant Cold Packs	2					
Laerdal Pocket-Mask With One-Way-Valve	1					
Bio Hazard Bag	1					

Reason for Inventory:	
Performed By:	Date:
Reviewed By:	Date:

### **DECONTAMINATION KIT INVENTORY**

	Ki	t 2	Ki	t 4	Ki	t 6	Ki	t 8	Kit	10	Kit	12
	TS	SC	OS	SC	Emer Vehicle	gency 23-035	E	OF		gency 33-461	Ambu	ılance
	Quant	Check	Quant	Check	Quant	Check	Quant	Check	Quant	Check	Quant	Check
Plastic Bags, Large Radioactive	2		2	•	2	,	2	,	2	:	2	
Plastic Bags, Small Radioactive	2		2		2		2		2		2	
Teri Towels	10		10		10		10		10		10	
Hand Towels	1 pkg		1 pkg		1 pkg		1 pkg		1 pkg		1 pkg	
Paper Coveralis	6		6		6		. 6		6		6	
Poly Booties	6 pr		6 pr		6 pr		6 pr		6 pr		6 pr	
Poly Gloves	12 pr		12 pr		12 pr		12 pr		12 pr		12 pr	
Cotton Liner Gloves	12 pr		12 pr		12 pr		<b>12</b> pr		12 pr		12 pr	
Masking Tape	1 roll		1 roll		1 roll	,	1 roll		1 roll		1 roll	
Waterless Hand Cleaner	1 can		1 can		1 can		1 can		1 can		1 can	
Hand Soap	4		4		4		4		4		4	
EZ Scrub	6		6		6		6		6		- 6	
Q-Tips	20		20		20		20		20		20	
All-purpose Cleaner or Equivalent	1		1		1		1		1		1	,
1 Gallon Container for Water	1	,	1		1		1	·	1		1	
HP 2.18 Copy	1		1		1*		1		1*		1	
HP 2.18-2 Forms	10		10		10**		10		10**		10	

- \* Located in the controlled copy procedure 3-ring binder
- \*\* Located in the blank forms 3-ring binder

Reason for Inventory:	
Performed By:	Date;
Reviewed By:	Date:

### MAINTENANCE EMERGENCY KIT INVENTORY

	Kit 1	15	
	OSC		
Cabinet Top Tray	Quant	Check	
Socket Set, 3/8" and 1/2" Set	1 ea		
Rachet, 3/8" and 1/2"	1 ea		
"T" Bar, 1/2"	1		
Multiplier	1		
Breaker Bar, 3/8" and 1/2"	1 ea		
Universal, 1/2"	1	:	
Speed Wrench, 1/2"	1	1.1	
10" Extension	1		
Drawer #1			
Phillips Screwdriver	3		
Flat Screwdriver	3		
Screw-holding Screwdriver	2	. ,	
Offset Screwdrivers	1 Set		
Tape Measure, 25"	1		
Level	1		
Tubing Cutter	1		
Razor Knife	1		
Nut Driver Set	1 Set		
Set of #10 Linknuts	1 Set		
Drawer #2			
Regular "Snoop"	2		
Cold "Snoop"	2	-	
Chisels, 3/8" to 7/8"	1 ea		
Hacksaw	2		
Hacksaw Blades	2		
Drawer #3			
Offset Box End Wrenches,			
1/2" to 1 7/16"	1 ea		
Open Box Combo Wrenches,			
5/16" to 1"	1 ea		
Drawer #4			
Crescent wrenches, 12", 10", 8", and 6"	1 ea		
Claw Hammer	1		
Ballpeen Hammers	4	-	
Pin Bar	2		
Drawer #5			
Grey Tape	2		
Neolube 1260	2 Tubes		
Pipewrenches 18", 12", 10", and 8"	1 ea		
	<del></del>		
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## MAINTENANCE EMERGENCY KIT INVENTORY

	Kit 15			
OSC				
Cabinet Top Tray	Quant	Check		
Drawer #6				
25' Extension Cord	1	:		
Droplight	1			
90 Watt Light Bulb	1			
Cabinet Top (Drawer #3)	<u>.</u>			
Regular Pliers	2			
Diagonal Snippers	3			
Lineman's Pliers	1	. ,		
Cabinet Top (Drawer #4)				
Needlenose Pliers	1			
Adjustable Pliers	2			
Vice Grip Pliers	2			
Locker				
Sound Powered Phones	3 - 3.			
P&IDs	1			
Simpson 260 VOM	1			
Jumper Set	1 10	: :		
Emergency Implementing Procedures	1 1			
Phones	3			
Flashlights	6			

Reason for Inventory:	ory:						
		-					
Performed By:			Date:				
		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		•			
Reviewed By:	,		Date:				

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# KIT 16 ALLEGAN SERVICE CENTER DECONTAMINATION EQUIPMENT

		Reviewed By:			Date: _	· .	. ·
		Performed By: _		· · · · · · · · · · · · · · · · · · ·	Date: _		-
		Reason for Inve	ntory:			· ·	
	10 extra plastic boot	ies (beyond sets	above)	•			
	3 utility knives		· .				
	Surgical scrub pads						
	Scissor stands for ra	d bags					
	1 liter shampoo				•		
	Ziplock bags (12 sm	all and 12 large)			•		
· ·	Swabs						
·	2 grey tape rolls	<i>:</i>					
	2 Titanic bottles					• •	
	25 paper coveralls (	grays)					
	25 pair of rubber and	d cloth gloves (be	eyond sets	above)			
	10 booties and rubbe	ers (beyond sets	above)				
·	1 roll of herculite						
	2 step-off pads			·			
	4 radiological postin	g signs (contami	nation/radi	ation area)			
	5 packages of mass	linn					
	4 radiological bags (						
	4 radiological bags (		:				
	2 rolls of radiologica	I tape		• .			
	1 roll of radiological	rope/ribbon					
	5 sets of Anti-Cs wit liners each)	h fish skins (incl	uding hood	s, booties,	2 sets of gl	oves, and	cloth