

TITLE: IMMEDIATE ACTION - LNG CONTINGENCY

RESPONSIBLE INDIVIDUAL: SITE EMERGENCY COORDINATOR

1.0 Use the Cove Point hot line and visual and instrument indicators to determine details of spill, then record:

1.1 Location of spill and/or initial distance in miles from Calvert Cliffs Nuclear Power Plant intake structures: _____ degrees _____ miles

1.2 Potential size of spill (number of m³ or number of 25,000 m³ tanks): _____

1.3 Time of spill: _____ (24 hour clock)

1.4 Wind speed at the spill location: _____ mph

Wind direction at the spill location: _____ degrees

Wind speed onsite (125 foot level of Met Tower): _____ mph

Wind direction onsite: _____ degrees

Data Determined and Recorded:

_____/_____
Initials Time

-NOTE-

COMPLETE ADDITIONAL STEPS IN THIS PROCEDURE ONLY IF SPILL IS FROM A TANKER AND ONLY IF WIND DIRECTION AND SPEED INDICATE A POSSIBLE THREAT TO CCNPP. IF NO THREAT IS APPARENT, CONTINUE TO MONITOR ONLY.

2.0 Plot the spill information on EXHIBIT 3.2-A, LNG SPILL INFORMATION MAP.

Information Plotted:

_____/_____
Initials Time

3.0 Using the LNG ACTION CATEGORIES, (EXHIBIT 3.2-B), potential spill size and initial spill distance, determine the initial Action Category.

Action Category Determined (check one):

() LNG Notification

() LNG Alert

() LNG Emergency

() None

_____/_____
Initials Time

-NOTE-

Wind speed and direction information may be used to modify these Action Categories after a careful, conservative assessment by the Shift Supervisor or higher authority.

4.0 Sound a 5 second burst of the emergency alarm.

Notify personnel over P.A. System:

- a. "AN LNG NOTIFICATION EXISTS."
- b. "AN LNG ALERT EXISTS."
- or c. "AN LNG SITE EMERGENCY EXISTS."
- d. Give specific instructions (See note below).

If a drill, state "THIS IS A DRILL."

-NOTE-

When removal of personnel from the affected area is necessary announce:

"ALL PERSONNEL IMMEDIATELY LEAVE THIS AREA _____."

(Be specific as to the area to be vacated. Avoid using the term evacuate.)

"REPORT TO YOUR ASSEMBLY AREA."

"Extinguish all smoking materials and open flames."

Repeat this step again.

Emergency Alarm Sounded and Message Announced and Repeated:

Initials Time

5.0 Complete appropriate LNG Category Actions:

- 5.1 If an LNG Notification exists, complete the LNG Category A actions listed on Exhibits 3.2-C through 3.2- F. | CH 1
- 5.2 If an LNG Alert exists, complete the LNG Category A and B actions listed on Exhibits 3.2-C through 3.2- F. | CH 1
- 5.3 If an LNG Site Emergency exists, complete the LNG Category A, B and C actions listed on Exhibits 3.2-C through 3.2- F. | CH 1

Initials Time

6.0 Implement ER PIP 3.1, Steps 2 through 6, if not previously addressed.

CALVERT CLIFFS NUCLEAR POWER PLANT
EMERGENCY RESPONSE PLAN
IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES _____

<u>ERPIP PAGE</u>	<u>REV.</u>
3.2-1	3
3.2-2	8 Change 1
3.2-3	2
3.2-4	2
3.2-5	2
3.2-6	2
3.2-7	2
3.2-8	2

_____ 3M Soft Cap
_____ Other _____

3.9.3 Personnel Monitoring and Survey Instrumentation

_____ TLD and SRD
_____ High Range SRD (0-5R, 0-10R, 0-100R, 0-200R)
_____ Special (RCP 3-303-4.5)
_____ Gamma Exposure Rate Meter (0.1 R/h to 20 KR/h)
_____ Neutron REM-Ball
_____ Neutron Dosimeter
_____ Alarming Dosimeter (0-200R)
_____ Portable Air Samplers (4 h power supply - minimum)

Team Members Equipped: _____ / _____
Initials Time

-NOTE-

Assign tasks to the Emergency Radiation Teams in accordance with the priority list EXHIBIT 4.1.5-A. Record all assigned tasks on EXHIBIT 5.2-A, EMERGENCY ACTIONS FORM.

- 3.10 If the nature of gaseous release indicates the potential for significant levels of iodine (greater than 40 MPC-h of exposure is possible), consider immediate administration of radioprotective drugs to all affected onsite emergency personnel in accordance with ER PIP 4.5.4.1 if adequate respiratory protection devices are not available.
- 3.11 If a release of airborne radioactivity is detected, immediately dispatch at least one Onsite Monitoring Team in accordance with ER PIP 4.3.2.
ER PIP 4.3.2 Initiated: _____ / _____
Initials Time

-NOTE-

If a release of radioactivity is detected, the only delay allowed for the Onsite Monitoring Teams is an operational check of exposure rate meters which should take 2 minutes at most.

- 3.12 Have radiation surveys performed in Assembly Areas and around the Protected Area Fence.
3.12.1 Record results on EXHIBIT 5.2-A, EMERGENCY ACTIONS FORM.

3.12.2 Notify PS of the results.

Surveys Performed and Results
Reported to PS:

_____/_____
Initials Time

3.13 Establish control points as necessary.

3.13.1 Record access control point locations on EXHIBIT 5.2-A.

3.13.2 Report results to the PS.

Access Control Points Established and PS
Notified:

_____/_____
Initials Time

3.14 Have gaseous and air particulate samples analyzed per ERPIP 4.3.2.

3.14.1 Record results on EXHIBIT 5.2-A.

3.14.2 Notify PS of the results.

Samples Analyzed & Results
Reported to PS:

_____/_____
Initials Time

3.15 Notify RAD of air sampling results obtained inplant and onsite.

_____/_____
Initials Time

3.16 Restrict access into Auxiliary Building or other potential high Radiation Areas by unauthorized or unprepared individuals to hazardous radiation environment.

3.16.1 Establish positive access control by instituting the use of Emergency Work Permits (ERPIP 4.3.1) for all Controlled Area entries during the occurrence, emergency and recovery phases of the accident.

Positive Access Control Established

_____/_____
Initials Time

3.17 When notified by one of the following: (check one)

() Control Room

() TSC

() RAD

() R 202 Alarm (on IC07 or 2C07 board)

Have the LRMT and REMT members prepare to perform Post-Accident Reactor Coolant Sampling per ERPIP 4.4.7.3.

3.17.1 Commence monitoring per ERPIP 4.4.7.3 requirements.

ERPIP 4.1.5
REV. 8
Change 1

CALVERT CLIFFS NUCLEAR POWER PLANT
EMERGENCY RESPONSE PLAN
IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES _____

<u>ERPIP PAGE</u>	<u>REV.</u>
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4.1.5-4	6
4.1.5-5	6
4.1.5-6	8 Change 1
4.1.5-7	8
4.1.5-8	8
4.1.5-9	8
4.1.5-10	4

TITLE: SECURITY TEAM

RESPONSIBLE INDIVIDUAL: SECURITY Team Leader

CONDITION:

Alert Site Emergency General Emergency
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- CAUTION -

Failure to consult the Radiation Protection Director during an emergency may result in undue radiation exposure to personnel and violation of ALARA principles.

- NOTE -

Order of actions is not mandatory. Initialing step completion must not delay action.

ACTION:

	Signature	Date
1. INTERROGATE the personnel recall answering system (see Attachment 1).		<u>Action Complete</u> _____
2. CALL Emergency Personnel listed in APP. A.1 (SEC & PS first) who have not responded to the pager recall.		<u>Action Complete</u> _____
3. ESTABLISH a basic access control point on the straight section of the access road just prior to passing under the transmission lines.		<u>Action Complete</u> _____

7. RECEIVE accountability status from Assembly Area Leaders.

8. ESTABLISH communications with the ECC/AECC.	<u>Action Complete</u> _____
--	---------------------------------

9. REPORT accountability status to SEC within 30 minutes of assembly order.	<u>Action Complete</u> _____
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10. SEARCH for personnel that cannot be accounted for.

11. Control protected area access/egress:

- a. INFORM workers to report directly to their assembly area or emergency response facility.
- b. IF PLANT EVACUATION is ordered, ADMIT ONLY emergency workers into the protected area unless entry is authorized by the OSC Director/SEC.
- c. WAIVE searches of expected emergency vehicles.
- d. ESCORT emergency vehicles. Only the first of several vehicles going to a single location requires escort.
- e. ALLOW emergency workers leaving the protected area to keep their dosimetry.

12. UNLOCK emergency equipment in the South Processing Building; UNLOCK the Alternate Emergency Control Center.	<u>Action Complete</u> _____
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13. ASSIST other emergency workers whenever possible.

14. FORWARD this checklist and all records related to this emergency response to the Emergency Planning Unit.

ATTACHMENT I

PAGER ANSWERING MACHINE INTEROGATION

1. Press "STOP" button. Note the digital tape counter number.
2. Press "REWIND" button to rewind the tape.
3. Press "PLAY" button.
4. When the digital tape counter reaches the number noted in Step 1 above, press "STOP" button.
5. Press "AUTOMATIC" button to reset the machine.

CALVERT CLIFFS NUCLEAR POWER PLANT
EMERGENCY RESPONSE PLAN
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<u>ERPIP PAGE</u>	<u>REV.</u>
1	9
2	9
3	9
4	9

TITLE: POLICE, FIRE AND MEDICAL EMERGENCY TELEPHONE NUMBERS

A. POLICE

1. Maryland State Police (Prince Frederick Barrack)

Telephone:

Radio Frequency: (

2. Maryland Marine Police

Telephone:

Radio Frequency: _____

3. Calvert County Sheriff Department

Telephone:

Radio Frequency: .

B. FIRE

1. Calvert County Volunteer Fire and Rescue Service

Telephone

Radio Frequency:

C. MEDICAL

1. Calvert Memorial Hospital

2. Radiation Management Corporation
(RMC)

3. BG&E Medical Director and Staff

a. Dr. W. A. Pillsbury
(Medical Director)

b. Dr. H. R. Brown
(Sr. Clinical Physician)

c. Dr. N. B. Carozza
(Sr. Physician)

(Work)
(Home)

d. Dr. A. C. Fernandez
(Sr. Physician)

(Work)
(Home)

e. Mr. D. F. Harshbarger - CCNPP
(Physician Assistant)

(Work)

4. Contracted Consulting Physicians

The following physicians will be on call for the months indicated.

JANUARY	Fricke	JULY	Fricke
FEBRUARY	Panos	AUGUST	Panos
MARCH	Sterno	SEPTEMBER	Sterno
APRIL	Fricke	OCTOBER	Fricke
MAY	Panos	NOVEMBER	Panos
JUNE	Sterno	DECEMBER	Sterno

If the attending physician on-call is not readily available, call the physician on for the next month.

a. Dr. Alexander N. Panos, Md.

(Work)
(Home)
(Home)

b. Dr. David W. Fricke, Md.

(Work)
(Home) OR

c. Dr. Gerald P. Sterner, Md.

(Work)

(Work)

(Home)

(Answering

Service)

5. Ambulance (Calvert County Volunteer Fire and Rescue Service)

Telephone:

Radio Frequency:

CALVERT CLIFFS NUCLEAR POWER PLANT
EMERGENCY RESPONSE PLAN
IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES

<u>ERPIP PAGE</u>	<u>REV.</u>
1	10
2	10
3	10

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Table 4	Emergency Control Center (South Service Building) Emergency Equipment Inventory
Table 4-1	Emergency Control Center (ECC Kit) Inventory
Table 5	Emergency Mobile Monitoring Kit Equipment Inventory
Table 6	Alternate Emergency Control Center (Farm Demonstration Building) Emergency Equipment Inventory
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Table 8	Technical Support Center Emergency Supplies Inventory
Table 9	North Service Building Emergency Equipment Inventory
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Table 16	Total ERPIP Portable Radiation Survey Instruments and Air Samplers for Emergency Use Only

TABLE I
CONTROLLED AREA MEDICAL TREATMENT ROOM
EMERGENCY EQUIPMENT INVENTORY

AMBULANCE KIT

E-520	SN _____	Cal. Due _____	Batt. CK _____	Source CK _____
Cs-137 Source	SN _____			
SRD O -50 R (5)		Cal. Due _____		
Dosimeter Charger	_____		Anti-C Sets (6)	_____
Batteries D Cell (4)	_____		Masking Tape (1 roll)	_____
Batteries AA Cell (4)	_____		Radiation Tape (1 roll)	_____
Paper Smears (1 Box)	_____		Radiation Rope (30 ft.)	_____
Poly Bags (5)	_____			

ROOM & CABINETS

Decontamination table-top with 30 gallon holding cont. (1)	_____			_____
Bioassay Kit (1)	_____		Lead Blankets (2)	_____
Trauma II Kit (1)	_____		Lead Container for Samples (1)	_____
Window Shield (1)	_____		Plastic Sheeting (1 roll)	_____
TLD ring-type (6)	_____		Plastic Shoe Covers (12)	_____
SSKI Solution (1 Btl)	_____		Plastic Aprons (6)	_____

Other medical supplies are inventoried by the medical Department.

REMARKS: _____

INVENTORY BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

TABLE I-1
CONTROLLED AREA MEDICAL TREATMENT ROOM
MEDICAL EQUIPMENT AND SUPPLIES
INVENTORY

- NOTE -

Items on this list are inventoried and replaced by BG&E medical services.

SHELF A - WHITE CABINET

Basin Kit (1)	_____	Emesis Basin (1)	_____
Gauze 3x3 (100 Rolls)	_____	Solution Bowl (1)	_____
Gauze 2x2 (100 Rolls)	_____	Medicine Cups, Disposable,	_____
Surgipad 8x10 (1 Pkg.)	_____	100/Pkg. (1 pkg.)	_____
Laryngoscope 3/Box (1 Box)	_____	Crutch Tips (2)	_____
Ambu Bag (1)	_____	First Aid Book (1)	_____

SHELF B - WHITE CABINET

Ammonia Ampules (10)	_____	Dacriose, 4 oz. Bottle (1)	_____
Tourniquet (1)	_____	Disposable Needles	_____
Triangular Bandage (1)	_____	20 ga. - 1 1/2" (20)	_____
Isopropyl Alcohol, 500ml.	_____	Disposable Syringe	_____
(1) Bottle	_____	60cc (1)	_____
Atropine Sulfate 0.4mg/cc	_____	Disposable Syringe	_____
(1 Vial) Exp. Date	_____	20cc (1)	_____
Epinephrine 30cc/vial	_____	Disposable Syringe	_____
(1 Vial) Exp. Date	_____	10cc (1)	_____
		Disposable Syringe	_____
		3cc (6)	_____
		Disposable Syringe	_____
		1cc (6)	_____

RADIOPROTECTIVE DRUGS:

Inferon, Injectable, 2 ml amples (5)	_____
Exp. Date _____	_____
Calphosan, Injectable, 5 amples/pkg. (1 pkg.)	_____
Exp. Date _____	_____
Zincate Capsules, 100's (1 Bottle)	_____
Exp. Date _____	_____
Phosphojel, 12 oz. Bottle (2 Bottles)	_____
Neutra-Phos Capsules, 100's (1 Bottle)	_____
Exp. Date _____	_____
Saturated Solution of Potassium Iodide,	_____
2 oz. Bottle (1 Bottle)	_____
Exp. Date _____	_____
Magnesium Sulfate (1 Bottle)	_____

SHELF C - WHITE CABINET

Cotton Tipped Applicators,	_____	Eye Pads (4)	_____
50's (1 Box)	_____	Vacutainer Needles (12)	_____
Pontocaine, Vial (1)	_____	Adhesive Tape 1"	_____
Teifa Pads (12)	_____	(1 Roll)	_____
Adhesive Tape 1/2 (1 Roll)	_____	Adhesive Tape 3"	_____
		(1 Roll)	_____

TABLE I-1 (Continued)

SHELF D - WHITE CABINET

Betadine (500ml.)	_____	Gauze Bandage 2"	_____
Scalpel #11 (6)	_____	(12 Rolls)	
Scalpel #15 (6)	_____	Gauze Bandage 3"	_____
Band-Aid 1" Reg. (50)	_____	(12 Rolls)	
Band-Aid 2" Extra Lg. (12)	_____	Ace Bandage 2" (2 Rolls)	_____
Gauze Bandage 1"	_____	Ace Bandage 3" (2 Rolls)	_____
(12 Rolls)	_____	Ace Bandage 4" (2 Rolls)	_____
		Scissors (1)	_____

DRAWERS UNDER GLASS - WHITE CABINET

Rubber Overshoes (6 Pairs)	_____	Stethoscope (1)	_____
Aprons (6)	_____	B/P Cuff (1)	_____
Surgeon Caps (6)	_____	Reflex Hammer (1)	_____
Surgical Masks (6)	_____	Trach Tube 13 mm. (2)	_____
Steri-Drapes (6)	_____	Cuffed Endotracheal Tube (4)	_____
Exam Gloves, Medium	_____	Lifesave "S" Tube (1)	_____
(6 Pairs)	_____	Wool Blankets (2)	_____
Vinyl Gloves, Large	_____	Trach Set (1)	_____
(6 Pairs)	_____		
Steri-Strips (6 Pkgs.)	_____		
Gowns (6)	_____		

SINK AND CABINET ITEMS

Steri-Tray w/ Forceps	_____	Chlorox, Quart	_____
(1 set)	_____	(4 Bottles)	
Inflatable Full Leg Splint	_____	10 Qt. Basin (1)	_____
(1)	_____	Aspirator (1)	_____
Inflatable 1/2 Leg Splint	_____	I.V. Needles (6)	_____
(1)	_____	TV Cutter Sets (6)	_____
Aluminum Stretcher (1)	_____	Collodium (2 Bottles)	_____
E.R. Pack (Towels & Drapes)	_____	Crutches (1 Pair)	_____
(2 Sets)	_____	Urinal (1)	_____
Irrigation Syringe w/Tray	_____	Titanium Dioxide	_____
(1 Set)	_____	(1 Bottle)	
Normal Saline 250ml.	_____	Cotton Balls (100)	_____
(2 Bottles) Exp. Date _____	_____	Bed Pan (1)	_____
DS/1/2NS 250ml. (2 Bottles)	_____		
Exp. Date _____	_____		
Normal Saline Irrigation	_____		
1000ml. (2 Bottles)	_____		
Exp. Date _____	_____		

DECON KIT:

Nivea Cream (1 Jar)	_____	Hair Clippers (1)	_____
Hand Brushes (2)	_____	Razor (1 Set)	_____

ASSAY KIT:

Lavender Top Tubes (6)	_____	Red Top Tubes (6)	_____
Kleenex (1 Box)	_____	Paper Containers (6)	_____
Nail Clipper (1)	_____		

TABLE 1-1 (Continued)

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

NOTE: Person performing the review should be the first line supervisor of the person who performed the inventory.

TABLE 2
CALVERT MEMORIAL HOSPITAL
EMERGENCY EQUIPMENT INVENTORY

INSTRUMENTATION & DOSIMETRY & ACCESSORIES

PIC 6A	SN _____	Cal. Due _____	Batt. Ck _____	Source Ck _____
RM-14	SN _____	Cal. Due _____	Batt. Ck _____	Source Ck _____
Dosimeter Charger (1)	_____			
SRD 0-200 mR (10)	_____		SRD 0-5 R (10)	_____
SRD 0-200 R (10)	_____		TLD Badge Type (10)	_____
TLD, Ring-type (3)	_____			
Batteries (change 2nd & 4th Quarters)	9v.(2) _____		AA(2) _____	

EQUIPMENT & SUPPLIES

Decon Table Top (1)	_____	Herculite Floor Covering (1 set)	_____
Sample Kit (1)	_____	Herculite Roll (1)	_____
Window Shield (1)	_____	Plastic Bags (12)	_____
Lead Sample Container (1)	_____	Masking Tape (1 Roll)	_____
Shower Head with Hose (1)	_____	Radiation Warning Signs (1 set)	_____
Decontamination Manual (1)	_____	(Includes Tape & Rope)	

REMARKS: _____

INVENTORY BY: _____ DATE: _____

REVIEW BY: _____ DATE: _____

TABLE 3
CONTROL ROOM
EMERGENCY EQUIPMENT INVENTORY

EMERGENCY KIT (Located behind Control Room File Cabinets)

<u>Instruments:</u>	<u>S.N.</u>	<u>CAL. DATE</u>	<u>BATT. CK.</u>	<u>SOURCE CK.</u>
PIC 6A	_____	_____	_____	_____
PIC 6A	_____	_____	_____	_____
MS-2/SPA-3	_____	_____	_____	_____
Air Sampler	_____	_____	_____	_____

<u>Dosimetry:</u>	<u>Cal. Date</u>		
SRD 0-200mR (10)	_____	SRD 0-1R (10)	TLD (10)

<u>Miscellaneous:</u>	
Dosimeter Charger (1)	Particulate Filters (1 Box)
Charcoal Cart. (10)	Silver Zeolite Cart. (10)
Flashlight (1)	Set of Keys (1 set)

<u>Batteries</u> (Change 2nd & 4th Quarters)		
9 v. (4)	AA Cell (2)	D Cell

Neg. Pressure Respirators (10)	_____
Spare Cartridges for Respirators (10)	_____
Anti-C Complete Sets (10)	_____

SHIFT SUPERVISORS OFFICE

Emergency Call List (1)	P&ID, Layouts (1 set)
ERP Copy (1)	Trauma II Kit (1) (Replace if Damaged or Open)
ERPIP Copy (1)	

TABLE 3 (Continued)

Control Room (Rt. side wall, behind Unit I Panel)

10 mile EPZ Map & Isopleths Overlays (1 set) _____

30 mile EPZ Map & Isopleths Overlays (1 set) _____

Behind Control Room (Entrance to Emergency Stairwell)

BIOPAK-60P Breathing Apparatus (23) _____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

TABLE 4
EMERGENCY CONTROL CENTER
(SOUTH SERVICE BLDG. - Classroom 1 & 2)
EMERGENCY EQUIPMENT INVENTORY

INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DATE	BATT. CK.	SOURCE CK.
MS-2/SPA-3	_____	_____	_____	_____
E-520	_____	_____	_____	_____
PRM-4A/AC-3	_____	_____	_____	_____
AIR SAMPLER	_____	_____	_____	_____
TI-55 CALCULATOR	_____	_____	_____	_____
TI-55 CALCULATOR	_____	_____	_____	_____
TI-55 CALCULATOR	_____	_____	_____	_____

SAMPLING MATERIALS

Particulate Filters (3 Boxes) _____

Silver Zeolite Cartridges (3) _____

BATTERIES (Change 2nd & 4th Quarters)

"D" Cell (4) _____

MISCELLANEOUS

Povidine Scrub Solution (1 Bottle) _____

Trauma II Medical Kit (1) _____

ECC Emergency Kit (1) _____

(See Table 4-1 for Contents)

TABLE 4 (Continued)

REFERENCE MATERIAL & ADMINISTRATIVE AIDS

Plant Status Board (1) _____	Offsite Status Board (1) _____
10 Mile EPZ Map & Isopleth Overlays (1 set) _____	
50 Mile EPZ Map & Isopleth Overlays (1 set) _____	
P&ID's and Building Layout Drawings (10 sets) _____	
ERP Manual (1) _____	INPO Manual _____
Radiation Safety Procedures (1 set) _____	Emergency Log Book (1) _____
ERPIP Manuals (16)	(Copy No. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17)



ADMINISTRATIVE & OFFICE SUPPLIES

Clipboards (15) _____	Scissors (2) _____
Blk. Wax Markers (5) _____	Pencils (24) _____
Red Wax Markers (5) _____	Pens (24) _____
Yellow Wax Markers (5) _____	Blk. Prowrite Markers (3) _____
Paper Clips (10 Boxes) _____	Blue Prowrite Markers (3) _____
Paper Clamps (5 Boxes) _____	Lined Paper Tablets (12) _____
Unlined Notebooks (10) _____	Tape Dispensers (5) _____
Desk Staplers (5) _____	Tape, Rolls (5) _____
Staples (5 Boxes) _____	
Alt. ECC Phone Directory (4) _____	D.C. Phone Directory (1) _____
BALTO. Phone Directory (1) _____	ANNAP./PR. FRED. Phone Directory (1) _____
LEONARDTOWN/LAPLATA Phone Directory (1) _____	
ERPIP Form 3.1-A (20) _____	ERPIP Form 4.3.1-B (20) _____
ERPIP Form 3.2-A (20) _____	ERPIP Form 4.3.1-C (20) _____
ERPIP Form 4.2-A (20) _____	ERPIP Form 4.3.1-D (20) _____

TABLE 4 (Continued)

ERPIP Form 4.2-B (20)

ERPIP Form 4.3.1-D (20)

ERPIP Form 4.2-C (20)

REMARKS:

INVENTORY BY:

DATE

REVIEWED BY:

DATE

TABLE 4-1
EMERGENCY CONTROL CENTER
ECC KIT INVENTORY

INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DUE DATE	BATT. CK.	SOURCE CK.
PIC-6A	_____	_____	_____	_____
PIC-6A	_____	_____	_____	_____
Cs-137 Source	_____			

DOSIMETRY

CAL. DUE DATE _____

SRD 0-200mR (25)	_____	SRD 0-30R (25)	_____
SRD 0-200R (25)	_____	Dosimeter Charger (1)	_____

MISCELLANEOUS

Batteries, 9 volt (4) (Replace 2nd & 4th Quarters)	_____	Batteries, "AA" Cell (4) (Replace 2nd & 4th Quarters)	_____
Emergency Vehicle Keys (2 Sets), (2 Vehicles)	_____	Poly Bags, Small (5)	_____
Aux. Bldg. Elevator Key (1 Set)	_____	Note Pads (4)	_____
Farm Demo & Font Gate Key (1 Set)	_____	Pens/Pencils (10 Boxes)	_____
		Wax Pencils, Blk. (2 Boxes)	_____
		Wax Pencil, Red (2 Boxes)	_____
		Wax Pencil, Yellow (2 Boxes)	_____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

NOTE: Person performing the review should be the first line supervisor of the person who performed the inventory.

TABLE 5
EMERGENCY MOBILE MONITORING KIT # _____
EQUIPMENT INVENTORY

NOTE: Kits 1, 2, & 3 are located at South Processing Building. Kit 4 is located in the suburban 4WD vehicle.

	S.N.	CAL. DATE	BATT. CK.	SOURCE CK.
E-520	_____	_____	_____	_____
MS-2/SPA-3	_____	_____		_____
AIR SAMPLER	_____	_____		
CALCULATOR	_____			
Cs-137 Source	_____			

<u>DOSIMETRY</u>	<u>CAL. DATE</u>		
SRD 0 - 200 mR (3)	_____	TLD (3)	_____
SRD 0 - 200 R (3)	_____	Dosimeter Charger (1)	_____

<u>SAMPLING MATERIALS</u>			
Particulate Filters (1 Box)	_____	Silver Zeolite Cart. (15)	_____
Charcoal Cartridges (1 Box)	_____	Paper Smears (1 Box)	_____
Charcoal Filter Head (1)	_____	Silver Zeolite Head (1)	_____

<u>BATTERIES (Change 2nd. & 4th. Quarters)</u>			
D Cell (6)	_____	AA Cell (2)	_____
		Gel Cell (Charge Quarterly) (1)	_____

<u>PROTECTIVE CLOTHING & MISCELLANEOUS</u>			
Anti-C Complete Sets (3)	_____	Flashlight (1)	_____
Neg. Pressure Respirators (3)	_____	Radiation Tape (1 roll)	_____
Spare Resp. Cartridges (3)	_____	Radiation Signs (1 set)	_____
Masking Tape (1 roll)	_____	Poly Bags, Small (5)	_____
ERPIP Proc. & Maps (set)	_____	Poly Bags, Large (5)	_____
Pen/Notepads (2)	_____	Lead Bricks (2)	_____
Road Safety Vests (3)	_____	Road Flares (3)	_____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

TABLE 6
ALTERNATE EMERGENCY CONTROL CENTER
EMERGENCY EQUIPMENT INVENTORY

INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DUE DATE	BATT. CK.	SOURCE CK.
E-520	_____	_____	_____	_____
PIC-6A	_____	_____	_____	_____
PIC-6A	_____	_____	_____	_____
PIC-6A	_____	_____	_____	_____
PIC-6A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
MS-2/SPA-3	_____	_____	_____	_____
R.M-14/HP210	_____	_____	_____	_____
PRM-4A/AC-3	_____	_____	_____	_____
AIR SAMPLER	_____	_____	_____	_____
Cs-137 Source	_____	_____	_____	_____
TI-55 Calculator	_____	_____	_____	_____
TI-55 Calculator	_____	_____	_____	_____

SAMPLING MATERIALS

Particulate Filters (2 Boxes)	_____	Charcoal Filters (3 Boxes)	_____
Silver Zeolite Cartridges (15)	_____		

BATTERIES (Change 2nd & 4th Quarters)

9 volt (2) _____ "D" Cell (12) _____ "AAA" Cell (4) _____

TABLE 6 (Continued)

<u>DOSIMETRY</u>	CAL. DUE DATE		
TLD (25)	_____		SRD Ø -200mR (25) _____
SRD Ø -50R (25)	_____		SRD Ø -200R (25) _____
Dosimeter Charger (2)	_____		

PROTECTIVE EQUIPMENT & SUPPLIES

Anti-C Complete Sets (5)	_____	Coveralls (100)	_____
Neg. Pressure Respirators (5)	_____	Masking Tape (4 rolls)	_____
Spare Filter Cartridges (5)	_____	Radiation Tape (2 rolls)	_____
Towels (10)	_____	Soft Bristle Brush (10)	_____
Soap Bars (10)	_____	Providine (1 Bottle)	_____
Saturated Solution of Potassium Iodide (2 Bottles)	_____		
2 oz. Bottles @ 350 Doses each			
Trauma II Medical Kit (1)	_____	Decon Kit (1)	_____
Bioassay Kit (1)	_____	BIOPAK-60P SCBA (42)	_____

REFERENCE MATERIALS & ADMINISTRATIVE AIDS

Maps & Isopleth Overlays(1 set)	_____	INPO Resources Manual (1)	_____
ERP Manual (1 copy)	_____	Radiation Safety Procedures	_____
Rev. No. _____		(1 set)	
Md. Emergency Plan & Appendix (1 set)	_____		
ERPIP Manuals (16)	(Copy No 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33)		
Rev. No. _____			

Desk Top Easels (5)	_____		

ADMINISTRATIVE & OFFICE SUPPLIES

Clipboards (20)	_____	Scissors (6)	_____
Blk. Wax Markers (2 Boxes)	_____	Pencils (5 Boxes)	_____
Red Wax Markers (2 Boxes)	_____	Pens (5 Boxes)	_____

TABLE 6 (Continued)

Yellow Wax Markers (2 Boxes)	_____	Blk. Prowrite Markers (3)	_____
Paper Clips (10 Boxes)	_____	Red Prowrite Markers (3)	_____
Paper Clamps (10 Boxes)	_____	Blue Prowrite Markers (3)	_____
Red Crayons (5)	_____	Lg. Binder Clips (10 Boxes)	_____
Blue Crayons (5)	_____	12" Rulers (5)	_____
Yellow Crayons (5)	_____	Rubber Bands (5 Boxes)	_____
String (1 roll)	_____	Push Pins (5 Boxes)	_____
Staplers (12)	_____	Board Erasers (5)	_____
Staples (12 Boxes)	_____	Tape Dispensers (10)	_____
9x5 1/2 Notepads (15)	_____	Tape, Scotch (10 Rolls)	_____
2x4 Notepads (10)	_____	6x4 1/2 Notepads (15)	_____
3 1/2 x 11 Bond Paper (2 Boxes)	_____	Lined 3 1/2 x 11 Tablets (20)	_____
27x34 Paper (4 pads)	_____	3 1/2 x 11 Onion Paper (2 Boxes)	_____
EPZ Maps (2 Pads)	_____	Manila Folders (1 Box)	_____
Business Envelopes w/Co. Address (100)	_____	Speed Memos (1 Box)	_____
Business Envelopes, Brown, Plain (50)	_____		
Small Envelopes, Brown, Plain (50)	_____		
12x9 Brown Envelopes w/Co. Address (50)	_____		
15x10 Brown Envelopes w/Co. Address (50)	_____		
Savin Copier Supplies:			
Dispersant (2 Bottles)	_____		
Toner (2 Bottles)	_____		
3 1/2 x 11 Paper (3 pkgs.)	_____		
3 1/2 x 14 Paper (3 pkgs.)	_____		
Xerox 400/410 Telecopier Paper (1 Box)	_____		
Tektronix Dry-Silver Paper (2 Rolls)	_____		

TABLE 6 (Continued)

ERPIP Form 3.1-A (30)	_____	ERPIP Form 4.4.1-A (50)	_____
ERPIP Form 3.2-A (30)	_____	ERPIP Form 4.4.1-B (50)	_____
ERPIP Form 4.3.1-B (30)	_____	ERPIP Form 4.4.1-C (50)	_____
ERPIP Form 4.3.1-C (30)	_____	ERPIP Form 4.4.1-D (50)	_____
ERPIP Form 4.3.1-D (30)	_____	ERPIP Form 4.4.2-A (50)	_____
ERPIP Form 4.3.1-E (30)	_____	ERPIP Form 4.4.2-B (50)	_____
ERPIP Form 4.1.1-A (30)	_____	ERPIP Form 4.4.3-A (50)	_____
ERPIP Form 4.2-A (30)	_____	ERPIP Form 4.4.3-B (50)	_____
ERPIP Form 4.2-B (30)	_____	ERPIP Form 4.4.3-C (50)	_____
ERPIP Form 4.2-C (30)	_____	ERPIP Form 4.4.5-B (50)	_____
ERPIP Form B.3-1 (30)	_____	ERPIP Form 4.4.7.1-E (50)	_____
ERPIP Form B.3-5 (30)	_____	RCP 3-301-1 (50)	_____
ERPIP Form B.3-6, 7 (30)	_____		

MISCELLANEOUS EQUIPMENT

Savin Copier (1)	_____
Operability Ck. _____	
Dictaphone Answering Machine (2)	_____
Operability Ck. _____	
Radio (1)	_____
Operability Ck. _____	
Simplex Time Recorder (1)	_____
Operability Ck. _____	
Typewriters (3)	_____
Operability Ck. _____	
Xerox Telecopier (1)	_____
Operability Ck. _____	
Omnifax Telecopier (1)	_____
Operability Ck. _____	
Midas Terminal (1)	_____
Operability Ck. _____	
Tektronix Hard Copier (1)	_____
Operability Ck. _____	

TABLE 6 (Continued)

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

TABLE 7
OPERATIONAL SUPPORT CENTER
EMERGENCY EQUIPMENT INVENTORY

INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DATE	BATT. CK.	SOURCE CK.
PIC-6A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
E-520	_____	_____	_____	_____
RO-2A	_____	_____	_____	_____
AIR SAMPLER	_____	_____	_____	_____
Cs-137 Source	_____	_____	_____	_____

DOSIMETRY

CAL. DATE _____

TLD Specials (15 sets including 3 Hi-Range SRDs) _____

TLD Specials (15 sets with no Hi-Range SRDs) _____

TLD Whole Body Badges (50) _____

TLD Surveillance Badges (20) _____

SRD 0-200mR (50) _____

SRD 0-5 REM (25) _____

SRD 0-50 REM (25) _____

SRD 0-200 REM (25) _____

Dosimeter Chargers (4) _____

BATTERIES (Change 2nd. & 4th Quarters)

"D" Cell (2) _____ "AA" Cell (3) _____

TABLE 7 (Continued)

SAMPLING MATERIALS

Particulate Filters (1 Box) _____

Silver Zeolite Cart.(1 Box) _____

PROTECTIVE CLOTHING & MISCELLANEOUS

Anti-C Complete Sets (25) _____

Flashlight (1) _____

Neg. Pressure Respirators (27) _____

Smoke Tubes (1 Pkg.) _____

Spare Rubber Gloves (1 Bag) _____

Canvas Bag (1) _____

Spare Cloth Gloves (1 Bag) _____

Small Plastic Bags (50) _____

Spare Plastic Booties (1 Bag) _____

Security Card Clips (25) _____

Masking Tape (7 Rolls) _____

ADMINISTRATIVE SUPPLIES

Clipboards (10) _____

Scotch Tape (2 Rolls) _____

Pens (20) _____

Tape Dispensers (2) _____

Pencils (20) _____

Staples (2 Boxes) _____

12" Rulers (2) _____

Staplers (2) _____

Scissors (2) _____

Paper Clips (2 Boxes) _____

Rubber Bands (2 Boxes) _____

Paper Clamps (2 Boxes) _____

9 x 5 1/2 Notepads (4) _____

6 x 4 1/2 Notepads (4) _____

3 1/2 x 11 Lined Paper (3 Pads) _____

Manila Folders (20) _____

Access Control Cards (100) _____

Dose Limit Statement(1 Pad) _____

Visitors Dosimetry Check
In/Out Sheet (1 Pad) _____

NRC Form - 4 (1 Pad) _____

ERPIP Form 3.2-A (15) _____

Weekly Dosimetry Record (30) _____

ERPIP Form 4.3.1-H (15) _____

Small Log Book (1) _____

ERPIP Form 4.3.1-G (15) _____

Radiation Information Forms
(1 Pad) _____

ERPIP (Complete) (1 Copy) _____

TABLE 7 (Continued)

ADD/HIRE SHEETS (1 Pad) _____

OPTION 1 CCNPP Personnel
Monitoring Record (1) _____

OPTION 14 Quarter Dose
Listing (1) _____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

TABLE 3
TECHNICAL SUPPORT CENTER
EMERGENCY EQUIPMENT INVENTORY

MISCELLANEOUS EQUIPMENT

Sound Powered Phone Sets (2)	_____
Sound Powered Phone Extension Cords (2)	_____
Digital Voltmeter (1)	_____
DC Power Supply (3)	_____
Extension Cord (1)	_____
Razors (5)	_____
Gauze (1 Roll)	_____
Screwdrivers (3)	_____
Flashlights (5)	_____
Plastic Ties (1 Bundle)	_____
Shaving Cream (1 can)	_____
"D" Cell Batteries (12) (Change 2nd & 4th Quarters)	_____

ADMINISTRATIVE & OFFICE SUPPLIES

Clipboards (1)	_____	Rulers (5)	_____
4x4 Notepads (10)	_____	Paper Clips (4 boxes)	_____
2x4 Notepads (10)	_____	Staplers (3)	_____
6x4 1/2 Notepads (4)	_____	Staples (1 box)	_____
1" Masking Tape (1 roll)	_____	Magic Markers (2 boxes)	_____
Graph Paper (4 pads)	_____	Pens (4 boxes)	_____
3 1/2 x 11 Paper (4 pads)	_____	Telephone Messages (5 pads)	_____
Mantle Folders (100)	_____	Tape Dispenser (1)	_____

TABLE 8 (Continued)

Conference Memos (2 pads)	_____	Scotch Tape (2 rolls)	_____
TSCD Checklist Notebook (1)	_____	Pencils (4 boxes)	_____
Scissors (1)	_____	Rubber Erasers (4)	_____
Pencil Sharpener (1)	_____	Staple Removers (1)	_____
3" Binders (2)	_____	Blk. Wax Pencils (1 box)	_____
Highlight Markers (2 boxes)	_____	Co. Telephone Directory (1)	_____
Carbon Paper (1 box)	_____	Annap/Pr. Fred. Phone	_____
ERPIP (1 copy)	_____	Book (1)	_____
ERP (1 copy)	_____	Emergency Dosimetry Log (1)	_____
Personnel Monitoring Record (1)	_____		
Computer Instruction Book (1)	_____		

REMARKS: _____

INVENTORY BY: _____ DATE: _____
REVIEWED BY: _____ DATE: _____

TABLE 9
NORTH SERVICE BUILDING
EMERGENCY EQUIPMENT INVENTORY

RADIAC INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DUE DATE	BATT. CK.	SOURCE CK.
E-520	_____	_____	_____	_____
PIC 6A	_____	_____	_____	_____
Cs-137 Source	_____			

DOSIMETRY CAL. DATE _____

Self-reading Dosimeters 0 - 200 mR (5) _____

Thermoluminescent Dosimeters (5) _____

Dosimeter Charger (1) _____

BATTERIES (Change 2nd. & 4th. Quarters)

"D" Cell (4) _____ 9 Volt (2) _____ "AA" Cell (2) _____

PROTECTIVE EQUIPMENT

Complete Sets of Anti-C Clothing (5) _____

Full-face Negative Pressure Respirators (5) _____

Spare Filter Cartridges for Respirators (5) _____

MSA-401 SCBA with Bottle (2) _____

Spare Air Bottles for MSA-401 SCBA (2) _____

Masking Tape (1 Roll) _____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

TABLE 10
EMERGENCY EQUIPMENT IN REENTRY LOCKER (4th LEVEL)

INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DUE DATE	BATT. CK.	SOURCE CK.
PIC-6A	_____	_____	_____	_____
E-520	_____	_____	_____	_____
TELETECTOR HI-RANGE METER	_____	_____	_____	_____
RO-7	_____	_____	_____	_____
PRN-4	_____	_____	_____	_____

DOSIMETRY & SAMPLING EQUIPMENT

Personal Alarming Dosimeter (2) _____

S.N. _____

BATT. CK. _____

S.N. _____

BATT. CK. _____

Individual Dosimetry Packets (10) _____
(5, 50, & 200R SRD's; Special Dosimetry)

Dosimeter Charger (1) _____

Lapel Air Sampling Unit (1 Set) _____

Dosimetry Forms (1 Set) _____

PROTECTIVE CLOTHING & MISCELLANEOUS

Anti-C Complete Sets (10) _____

Stopwatch (1) _____

Neg. Pressure Respirator (10) _____

Plastic Overalls (10) _____

Spare Resp. Cartridges (10) _____

Rubber Overshoes

Lead Blanket (2) _____

(10 Pairs) _____

ERPIP Section 4.4.7 & 4.8

Lead Gloves (1 Pair) _____

(1 Set) _____

Tape, Masking (2 Rolls) _____

Loudmouths (10) _____

TABLE 10 (Continued)

BATTERIES (Change 2nd & 4th Quarters)

9 Volt (2)

"D" Cell (2)

"C" Cell (2)

"AA" Cell (2)

REMARKS:

INVENTORY BY:

DATE

REVIEWED BY:

DATE

NOTE: Person performing the review should be the first line supervisor of the person performing the inventory.

TABLE II
MEDIA COMMUNICATIONS CENTER
EMERGENCY EQUIPMENT INVENTORY

- NOTE -

The following listed equipment is stored at the alternate
Emergency Control Center and is to be moved to the Media
Communications Center in the event of a declared emergency.

COMMUNICATIONS & MISCELLANEOUS EQUIPMENT

Portable Radio (1) S.N. _____ Operability Check _____
Radio Antenna & Mast (1) _____
16 x 12 x 12 Metal Box Containing Radio Accessories (1) _____
Multiplex Microphone Mixer w/Assorted Electrical Gear (1) _____
(Housed in a Podium/Cabinet)
Foot Lockers (2) _____

OFFICE EQUIPMENT & ADMINISTRATIVE AIDS

Savin Copier (1)	_____	Portable Typewriter (1)	_____
Operability Check	_____	Operability Check	_____
Portable Telecopier (1)	_____	Paper Shredder (1)	_____
Operability Check	_____	Operability Check	_____
EPZ Map (1)	_____	ERPIP (1 Copy)	_____
		Rev. No.	_____
CCNPP Flow Chart w/Stand (2 Sections)	_____		

ADMINISTRATIVE/OFFICE SUPPLIES

Clipboards (6)	_____	Scissors (2)	_____
Pens (15)	_____	Pencils (15)	_____
18" Rulers (2)	_____	Staplers (3)	_____

TABLE II (Continued)

Tape Dispensers (3)	_____	Staples (3 Boxes)	_____
Tape, Scotch (3 Rolls)	_____	Rubber Bands (2 Boxes)	_____
Paper Clips (5 Boxes)	_____	Paper Clamps (5 Boxes)	_____
9 x 5 1/2 Notepads (6)	_____	8 1/2 x 11 Lined Tablers (10)	_____
6 x 4 1/2 Notepads (6)	_____	Manila Folders (20)	_____
8 1/2 x 11 Onion Paper (1 Pkg.)	_____	8 1/2 x 11 Bond Paper (1 Pkg.)	_____
Envelopes, 4 x 9 1/2 White (100)	_____		
Envelopes, 9 x 12, Brown (100)	_____		
Envelopes, 10 x 15, Brown (100)	_____		

SAVIN COPIER SUPPLIES:

Dispersant (2 Bottles)	_____
Toner (2 Bottles)	_____
8 1/2 x 11 Paper (5 Packs)	_____
8 1/2 x 14 Paper (5 Packs)	_____
Xerox 400/410 Telecopier Paper (1 Box)	_____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

TABLE 12
SOUTH PROCESSING BUILDING
EMERGENCY EQUIPMENT INVENTORY

DOSIMETRY CAL. DUE DATE _____

1 Kit Containing:

TLD's (100) _____

SRD's 0-200 mr (100) _____

Dosimeter Charger (1)
(with extra batteries) _____

Emergency Personnel Entry Forms (1 Pad) _____

PROTECTIVE CLOTHING & MISCELLANEOUS

Anti-C Complete Sets (32) _____

Neg. Pressure Respirators (32) _____

Spare Respirator Cartridges (32) _____

Radiation Tape (2 Rolls) _____

Masking Tape, 2" (2 Rolls)
(Replace During 1st Quarter) _____

Mobile Emergency Monitoring Kits (3 Kits)
(For Contents Consult Table 5) _____

REMARKS: _____

INVENTORY BY: _____ DATE _____

REVIEWED BY: _____ DATE _____

NOTE: Person performing the review should be the first line supervisor of the person who performed the inventory.

TABLE 13

EMERGENCY FIRE FIGHTING EQUIPMENT LOCATED IN TURBINE BUILDING

FIRE INSPECTION	UNIT	# REQ'D	# FOUND
SMOKE EJECTORS	EACH	3	
PROTECTIVE CLOTHING	EACH	10	
ELECTRIC REEL	EACH	3	
FOAM EJECTORS	EACH	1	
PRESSURE DEMAND	EACH	4	
EXPANDOL FOAM	EACH	10	
LIQUID FOAM	EACH	5	
SPARE BOTTLES	EACH	5	
EJECTOR DUCT	EACH	4	
FOAM DUCT	EACH	1	
FOAM NOZZLE	EACH	1	
DOOR BAR	EACH	1	
FIRE EQUIPMENT BOX LEVEL			
FORCIBLE ENTRY BAR	EACH	1	
PRY BARS	EACH	1	
SPOTLIGHTS	EACH	4	
SALVAGE COVERS	EACH	3	

TABLE 13(Continued)

EMERGENCY FIRE FIGHTING EQUIPMENT LOCATED IN TURBINE BUILDING

FIRE INSPECTION	UNIT	# REQ'D	# FOUND
GATED WYE	Each	1	
DOUBLE FEMALE	Each	1	
LIFT ROPE	Each	5	
NOZZLE 1 1/2	Each	2	
SPANNER WRENCH	Each	4	
BOLT CUTTER	Each	1	
FIRE AXE	Each	1	
REDUCER 2 1/2 & 1 1/2	Each	1	

INVENTORY BY: _____ DATE: _____

REVIEWED BY¹: _____ DATE: _____

1. Person performing the review should be the front line supervisor of the person performing the inventory.

TABLE 14
OFFSITE MOBILE LAB - 15 FT. TRAILER
EMERGENCY EQUIPMENT INVENTORY

INSTRUMENTATION & ACCESSORIES

	S.N.	CAL. DUE DATE	BATT. CK.	SOURCE CK.
PIC 6A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
E 520	_____	_____	_____	_____
PRM-4A/AC-3	_____	_____	_____	_____
RM-14	_____	_____	_____	_____
RADECO AIR SAMPLER	_____			
THOMAS AIR SAMPLER	_____			
TI-55 Calculator	_____			

DOSIMETRY EQUIPMENT CAL. DATE _____

TLD Specials (20 Pkgs. w/ WB Tlds)	_____		
WB TLD's, 20 Per Holder (5)	_____		
SRD 0-200mR (5)	_____	SRD 0-5R (5)	_____
SRD 0-50R (5)	_____	SRD 0-200R (5)	_____
Dosimeter Charger (2)	_____		

SAMPLING MATERIALS

Silver Zeolite Cart. (30)	_____	Scott Filters (10 Boxes)	_____
Glassfibre Filters (1 Box)	_____	Millipore Filters (2 Boxes)	_____

TABLE 14 (Continued)

PROTECTIVE CLOTHING

Anti-C Complete Sets (6)	_____	Rubber Gloves (50 Sets)	_____
Cotton Gloves (50 Sets)	_____	Paper Suits (1 Box)	_____
Neg. Pressure Respirators (10)	_____	Spare Resp. Cartridges	
(10)	_____		
Smoke Tubes (2 Boxes)	_____		

BATTERIES (Change 2nd. & 4th. Quarters)

9 Volt (12)	_____	"D" Cell (24)	_____
7 1/2 Volt (12)	_____	"AA" Cell (24)	_____

MISCELLANEOUS

5 Gal. Poly Bottle (1)	_____	Knives (2)	_____
Rad. Rope (1 Roll)	_____	Tweezers (1 Box)	_____
Survey Maps (1 Set)	_____	Clean Tags (1 Box)	_____
All Weather Caution Signs (15)	_____	Caution Signs (10)	_____
Hi-Rad Signs (10)	_____	Sign Inserts, Various (10)	_____
Flood Lights, Portable (2)	_____	Flashlights (2)	_____
Extension Cords (5)	_____	Kaydry (5 Boxes)	_____
MS 260 Spray Cleaner (3)	_____	Masking Tape (4 Rolls)	_____
Green Tape (3 Rolls)	_____	Lead Blankets (6)	_____

PLASTIC BAGS:

12" x 24" Clear (25)	_____	24" x 40" Yellow (25)	_____
5" x 7" Clear (100)	_____	39" x 65" Yellow (10)	_____

RADIO (1)

Operability Ck. _____	_____	Heaters (2)	_____
		Tool Box (1)	_____

TABLE 14 (Continued)

ADMINISTRATIVE/OFFICE SUPPLIES

Pens (1 Box)	_____	Pencils (1 Pack)	_____
Blk. Markers (2 Boxes)	_____	3 1/2 x 11 Paper (4 Pads)	_____
9 x 5 1/2 Notepads (2)	_____	Logbooks (2)	_____
Manila Folders (10)	_____	Clipboards (4)	_____
Tape Dispenser (1)	_____	Scotch Tape (1 Roll)	_____
Stapler (1)	_____	Staples (1 Box)	_____
12" Ruler (1)	_____	Paper Clips (1 Box)	_____
Paper Clamps (1 Box)	_____	Rad. - Safety Procedures (1 Copy)	_____
Mobile Lab Systems Manual (1)	_____		

REMARKS: _____

INVENTORY BY: _____ DATE _____
REVIEWED BY: _____ DATE _____

TABLE 15
20 FT. TRAILER (MOBILE EMERGENCY CHEMISTRY LAB)
EMERGENCY EQUIPMENT INVENTORY

INSTRUMENTATION

	S.N.	CAL. DUE	BATT. CK.	SOURCE CK.
PIC 6A	_____	_____	_____	_____
PIC 6A	_____	_____	_____	_____
E-520	_____	_____	_____	_____
E-520	_____	_____	_____	_____
PRM 4A/AC-3	_____	_____	_____	_____
RM-14	_____	_____	_____	_____
RADECO AIR SAMPLER	_____	_____		
THOMAS AIR SAMPLER	_____	_____		
TI-55 Calculator	_____			

SAMPLING ACCESSORIES

Zeolite Filters (50)	_____	Scott Filters (2 Boxes)	_____
Glassfibre Filters (1 Box)	_____	Millipore Filters (2 Boxes)	_____

DOSIMETRY EQUIPMENT CAL. DATE _____

TLD Specials (20 Pkgs. w/WB Tlds)	_____		
WB TLDs, (50)	_____		
SRD 0 - 200mR (50)	_____	SRD 0 - 5R (50)	_____
SRD 0 - 50R (50)	_____	SRD 0 - 200R (50)	_____
Dosimeter Charger (4)	_____		

TA | LE 15 (Continued)

PROTECTIVE CLOTHING & ACCESSORIES

Anti-C Complete Sets (4)	_____	Rubber Gloves (50 Sets)	_____
Cotton Gloves (50 Sets)	_____	Paper Suits (1 Box)	_____
Neg. Pressure Respirators (10)	_____	Spare Resp. Cartridges (10)	_____
SCBA's (2)	_____	Smoke Tubes (2 Boxes)	_____
Spare Air Bottles (3)	_____		

BATTERIES (Change 2nd. & 4th. Quarters)

9 Volt (12)	_____	"D" Cell (24)	_____
7 1/2 Volt (2)	_____	"AA" Cell (24)	_____

COUNTING EQUIPMENT

Cell System w/Cave (1)	_____	TLD Reader (1)	_____
------------------------	-------	----------------	-------

MISCELLANEOUS

5 Gal. Poly Bottle w/Vent (1)	_____	Knives (2)	_____
Rad. Rope (1 Roll)	_____	Tweezers (3)	_____
Survey Maps (1 Set)	_____	Trash Can (1)	_____
Flashlights (2)	_____	MS-250 Spray (3)	_____
Extension Cords (3)	_____	Kaydry (6 Boxes)	_____
Masking Tape (3 Rolls)	_____	Lead Blankets (6)	_____
Green Tape (4 Rolls)	_____	Hot Plate (1)	_____
Tool Box (1)	_____	Heaters (2)	_____
SIGNS:			
Radiation Signs (12)	_____	High Rad Area (12)	_____

TABLE 15 (Continued)

Contaminated Areas (12)	_____	Radioactive Material (12)	_____
Airborne Radiation (12)	_____	Clean Tags (1 Box)	_____
PLASTIC BAGS:			
12" x 24", Clear (50)	_____	4" x 3", Yellow (100)	_____
5" x 7", Clear (100)	_____	39" x 65", Yellow (10)	_____
RADIO (1)	_____		
Operability Ck. _____			
 <u>LABORATORY SUPPLIES</u>			
Orion Ionalyzer (2)	_____	Fisher Thermix (1)	_____
L&N Conductivity Bridge (1)	_____		
S.N. _____	CAL. DUE _____		
Flasks (2 Boxes)	_____	Pipettes (3 Boxes)	_____
Reagents (1 Box)	_____		
Sm. Clear Nalgene Bottles (3 Bags)	_____		
Lg. Clear Nalgene Bottles (1 Bag)	_____		
Brown Nalgene Bottles (1 Bag)	_____		
 <u>ADMINISTRATIVE/OFFICE SUPPLIES</u>			
Pens (1 Box)	_____	Pencils (1 Pack)	_____
Blk. Markers (1 Box)	_____	3 1/2 x 11 Paper (4 Pads)	_____
9 x 5 1/2 Notepads (2)	_____	Log Books (2)	_____
Manila Folders (10)	_____	Clipboards (4)	_____
Tape Dispenser (1)	_____	Scotch Tape (1 Roll)	_____
Stapler (1)	_____	Staples (1 Box)	_____
12" Ruler (1)	_____	Paper Clips (1 Box)	_____

TABLE 15 (Continued)

Paper Clamps (1 Box)	_____	Rad-Safety Procedures (1 Set)	_____
Paper Rolls (For Data Terminal (2)	_____		
Cassette Tapes (3 Boxes)	_____		
RCP's (2 Books)	_____		
Mobile Emergency Response Lab Manual (1)	_____		

REMARKS: _____

INVENTORY BY: _____ DATE _____
REVIEWED BY: _____ DATE _____

TABLE 16
PORTABLE RADIATION SURVEY INSTRUMENTS
AIR SAMPLERS AND DOSIMETERS FOR EMERGENCY USE ONLY

<u>LOCATION</u>	<u>TYPE/QUANTITY</u>
69 th First Aid Room	E-520 (1)
Calvert Memorial Hospital	Pic-6A (1), RM-14 w/HP-210 (1)
Control Room	Pic-6A (2) MS-2/SPA-3 (1) Air Sx. (1) A.C. only
North Service Building	E-520 (1), Pic-6A (1)
Primary ECC (South Service Building)	PRM-4A (1), MS-2/SPA-3 (1), E-520 (1), Pic-6A (2), Air Sx. (1) A.C. only
Alternate ECC (Farm Demonstration Building)	E-520 (1), Pic-6A (4), RM-14 w/HP-210 (1) MS-2/SPA-3 (1), RO-4A (2), PRM-4A (1), Air Sx. (1) A.C. only
*Mobile Kit #1 (South G/H)	E-520 (1), MS-2/SPA-3 (1) Air Sx. (1) BN type, runs off car battery
Reentry Locker (4 th Turbine Building)	E-520 (1), Pic-6A (1), RO-7 (1), Teletector (1), PRN-4 (1)
OSC (South Service Building)	E-520 (1), Pic-6A (1), RO-4A (2), RO-2A (1), Air Sx. (1) A.C. only
1 st Mobile Lab	E-520 (1), Pic-6A (1), RO-4A (4), PRM-4A (1), RM-14 w/HP-210 (1) A.C. Air Sx. (1), D.C. Air Sx. (1)
20 th Mobile Lab	E-520 (2), Pic-6A (2), PRM-4A (1), RM-14 w/HP-210 (1), A.C. Air Sx. (1), D.C. Air Sx. (1)

- NOTE -

*Mobile Kits 1-4 are identical

TABLE 16 (Continued)

Total Amount of Equipment for ERPIP

<u>RO-7s</u>	<u>E-520s</u>	<u>Pic-6As</u>	<u>Rm-14's</u>	<u>MS-2/SPA-3</u>	<u>A.C. Air SX's</u>	<u>D.C. Air SX's</u>
1	13	15	4	7	6	6
<u>RO-2As</u>	<u>RO-4As</u>	<u>PRM-4A/AC-3</u>	<u>Teletector</u>	<u>PRN-4</u>		
1	3	4	1	1		

TOTAL AMOUNT OF DOSIMETRY FOR ERPIP

<u>LOCATION</u>	<u>SRD</u>					<u>TLD</u>
	<u>(0-200MR)</u>	<u>(0-1R)</u>	<u>(0-5R)</u>	<u>(0-50R)</u>	<u>(0-200R)</u>	
Small Trailer	5	0	5	5	5	5 WB
Large Trailer	50	0	50	50	50	50 WB 20 Specials
North Service Bldg.	5	0	0	0	0	5
69' First Aid Room	0	0	0	5	0	0
Calvert Memorial Hospital	10	0	10	0	10	3-Ring 10-WB
Control Room	10	10	0	0	0	10 WB
45' Reentry-Locker	0	0	10	10	10	10 Special
Primary ECC	25	0	0	25	25	0
Mobile Kit (s) #1-4	12	0	0	0	12	12 WB
Alternate ECC (Farm Demo)	25	0	0	25	25	25 WB
South Gate Security	100	0	0	0	0	100 WB
Oper. Support Center	50	0	25	25	25	50-WB 20-Service 30-Specials

TABLE B.1-1
Potentially Available Resources
PJM Utility Radiological Emergency Response Capabilities
H. P. & Radiochem Personnel & Equipment Available for
Response to Another PJM Utility

		T M 1-1	T M 1-2	O C	S N C S	P B	S S S S	O C
A. Personnel								
1.	H. P. Supervisors	3	3	2	2	5	2	3
2.	H. P. Techs	6	6	5	5	20	5	10
3.	Radio Chem Supervisors	1	1	0	0	2	0	2
4.	Radiochem Techs	3	2	3	2	2	1	2
5.	Engr.-Efl. Ass.	2	4	0	0	1	1	1
6.	TLD Reader	2	1	0	1	1	1	1
7.	EE-RMS Specialist	1	1	1	0	1	0	1
8.	Security Sgt.			1		0		2
9.	Security Officers			3		0		1
10.								
B. Radiation Detection Equipment								
		Units 1 & 2 Combined						
1.	Survey Meter-Hi	2		20	0	12	5	3
2.	Survey Meter Hi-Telescoping	10		4	5	0	4	1
3.	Survey Meter-Low	10		5	5	4	10	3
4.	SAM II	4		0	1	0	2	1
5.	Portable GeLi	0		1	1	1	1 NaI	0
6.	Shield for GeLi	0		1	1	1	1	0
7.	Computer & Output for GeLi	0		1	1	1	0	0
8.	uR/hr. ratemeter & recorder	0		0	0	0	1	0
9.	RM-14 Frisker	2		15	10	15	5	3
10.	Air Sampler - 10 vol.	5		5	3	6	2	2
11.	Air Sampler - 10 vol	5		5	3	6	2	2
12.	Gas Sampler (for later GeLi Analysis)	10		10	5	3	2	2
		2		0	0	2	2	0
		2		0	0	2	2	0
13.	Pocket Dosimeters	300	200	100	100	20	200	
14.	Proportional Count	2	0	0	1	0	1	
15.	Liq. Scint.	1		1	0	0	0	0
16.	Scaler-Timer + Detector	4		1	1	0	1	1
17.	Shields for above	2	1	1	0	1	0	
18.	Rad tads	0		0	0	24	0	0
19.	Ion Telemetry	0		0	0	1	0	0

TABLE B.1-1, continued
Potentially Available Resources
PJM Utility Radiological Emergency Response Capabilities
H. P. & Radiochem Personnel & Equipment Available for
Response to Another PJM Utility

C. Vehicles	T M I-1	T M I-2	0 C	S N G	P B S	S S E	C C S
	Combined	Combined					
1. Station Wagon or Truck or Van for Survey Team	1	1		1	1	1	1
2. 110 generator	0			1	1	0	1
3. Inverter for vehicle battery	4			0	1	0	1
4. GeLi Counting Lab Van	1			0	0	0	1
5. Beta Counting Lab	0			0	0	0	0
6. Wind Speed & Direction Indic.	1			0	0	0	0
D. Supplies							
	Units 1 & 2 Combined						
1. Coverall & Access set	1000	2000	1000	500	500	0	
2. Disposable Rainsuits	1000		1000	1000	0	200	200
3. Respirators	1000		500	50	200	250	10
4. Respirator Cartridges	250		100	150	100	100	100
5. Respirator Cartridges	200		1000	500	400	200	100
6. Iodine Sampler Cartridges	100		500	200	200	250	100
7. Silver Zeolite Cartridges	10		0	200	0	0	0
8. 50 gal. plastic bags	2000		5000	500	500	2K	1000
9. Decon Kit (skin)	1		1	0	0	0	0
10. Absolute Filter Vacuum Cleaner	6		2	1	0	1	0
11. Filters for above	6		2	1	0	2	0
12. Resp. Test Booth	1		0	0	0	0	0
13. SCBA (4.5)	25		10	20	6	5	10
14. SCBA Tanks	25		10	20	6	10	30
15. Port Air Comp	1		0	1	0	0	0
16. Glove Box for Sample Prep.	1		2	0	0	0	0
17. Lead Bricks	200		0	20	0	100	500
18. 1/4" Lead Sheet 4 x 4 x 1/4	100		50	1'x2'	10	20	100
19. Lead Blankets	100		0		25	15	100
20. Air Sample papers	1000	1000	200	200	500	10K	
21. Radiacwash-gal.	55		0	0	55	55	5
22. Rad Cal Source	1		0	0	0	2	0
23. Misc. Std. for Lab Equip.	1		1	0	0	1	0

TABLE B.1-2 RADIAC INSTRUMENT CHARACTERISTICS

INSTRUMENT	DETECTOR (GAMMA RESPONSE)	DETECTOR (BETA RESPONSE)	DETECTOR (ALPHA RESPONSE)	RANGE	CONVERSIONS
PIC-6A	Pressurized Ion Changer	Beta Factor = 50	None	1 - 1000 mR/h 1 - 1000 mR/h (cal to 20 mR/h)	True Beta dose = observed dose x Beta Factor
RM-14 with HP-210 Probe	G-M	---	---	0 - 500 cpm 0 - 5,000 cpm 0 - 50,000 cpm	E.F. for conversion to DPM - 50; 5000 cpm per mrem/h Co-60 3600 cpm per mrem/h Cs-137
PRM-4A with AC-3 probe	---	---	Scin- tilla- tion	0 - 200 K cpm	Alpha Efficiency Factor = 6.0
E-520 with HP-240 probe	G-M	Beta-Factor 3.0	---	0 - 0.2 mR/h 0 - 2.0 mR/h 0 - 20 mR/h 0 - 200 mR/h 0 - 2000 mR/h	Open window swipe measurement: 0.1 mR/h Bkgd = 10,000 DPM/ 1400 cpm per mR/h Co-60 1200 cpm per mR/h Cs-137
MS-2/SPA3	Nal (TL) Scintillation	---	---	0 - 500 K cpm	Values are listed on each instrument from calibration data.
RO-7	Digital readout Ion Chamber	---	None	.01-199.9 mR/h 1.0-19,999 mR/h	Automatic decimal point location on display accord- ing to detector used.
Teletector	G-M	On lower 3 ranges - end window G-M tube	None	0.1 - 2.0 mR/h 0 - 50 mR/h 0 - 2 mR/h 0 - 50 mR/h 0 - 1000 mR/h	Automatic scale changing; coupled to operating switch

CALVERT CLIFFS NUCLEAR POWER PLANT
EMERGENCY RESPONSE PLAN
IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES _____

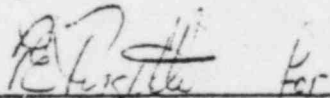
<u>ERPIP PAGE</u>	<u>REV.</u>	<u>ERPIP</u>	<u>REV</u>
1	9	23	9
2	9	24	9
3	9	25	9
4	9	26	9
5	9	27	9
6	9	28	9
7	9	29	9
8	9	30	9
9	9	31	9
10	9	32	9
11	9	33	9
12	9	34	9
13	9	35	9
14	9	36	9
15	9	37	9
16	9	38	9
17	9	39	9
18	9	40	9
19	9	41	9
20	9	42	9
21	9		
22	9		

October 29, 1982

To: Holders of ERPIP Manuals
From: J. M. Moreira
Subject: ERPIP 4.5.1.1

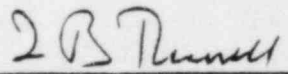
The purpose of this letter is to cancel ERPIP 4.5.1.1, ALERT: PROTECTION, ACCOUNTABILITY, & EVACUATION.

ERPIP 4.5.1.1 contains duplicate information detailed in ERPIP 4.1.21 Assembly Area Leader Checklist.



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 11.8.83

Plant Superintendent

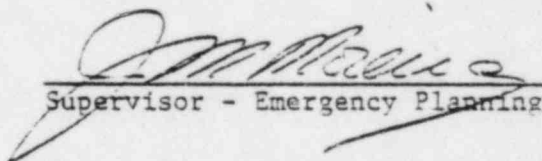
JMM/TEF:sab

Jan 4, 1983


To: Holders of ERPIP Manuals
From: J. M. Moreira
Subject: ERPIP 4.5.1.2

The purpose of this letter is to cancel ERPIP 4.5.1.2, SITE EMERGENCY:
PROTECTION, ACCOUNTABILITY, AND EVACUATION.

Information contained in ERPIP 4.5.1.2 has been incorporated in ERPIP's
for Assembly Area Leaders, Radiation Protection Director, and Security Team
respectively.


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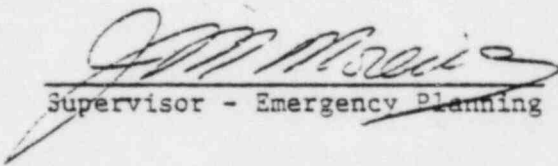
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Jan 4, 1983

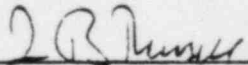
To: Holders of ERPIP Manuals
From: J. M. Moreira
Subject: ERPIP 4.5.1.3

The purpose of this letter is to cancel ERPIP 4.5.1.3, GENERAL EMERGENCY: PROTECTION, ACCOUNTABILITY, AND EVACUATION.

Information contained in ERPIP 4.5.1.3 has been incorporated in ERPIP's for the Radiation Protection Director, and Security Team respectively.


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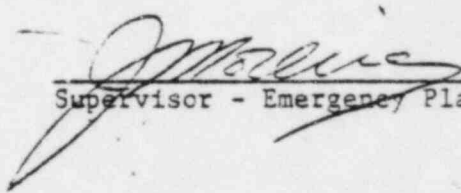
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Jan 4, 1983

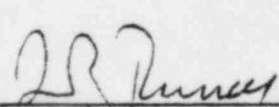
To: ERPIP Manual Holders
From: I. M. Moreira
Subject: ERPIP 4.10

The purpose of this letter is to cancel ERPIP 4.10 EMERGENCY SECURITY.

The information contained in ERPIP 4.10 is incorporated in ERPIP's for Security Team or is detailed in the Safeguards Contingency Plan.


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Jan 4, 1983

To: ERPIP Manual Holders
From: J. M. Moreira
Subject: ERPIP App. D. 1

The purpose of this letter is to cancel ERPIP App. D. 1 RESPONSE TO ALARMS.
Information regarding response to alarms is detailed in the Safeguards
Contingency Plan.

J. Moreira
Supervisor - Emergency Planning

85-05
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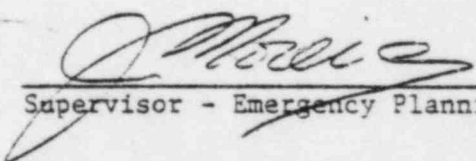
2 R. Russell
Plant Superintendent

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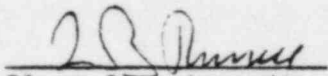
Jan. 4, 1983

To: Holders of ERPIP Manuals
From: J. M. Moreira
Subject: ERPIP App. D. 2

The purpose of this letter is to cancel ERPIP App. D. 2, ARREST AND DETENTION.
Information regarding arrest and detention is detailed in the Safeguards
Contingency Plan.


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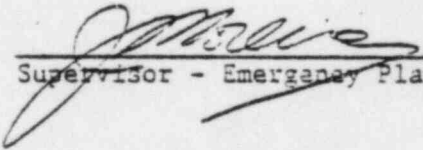
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Jan 4, 1983

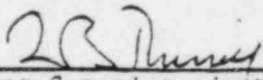
To: Holders of ERPIP Manuals
From: J. M. Moreira
Subject: ERPIP App. D. 3

The purpose of this letter is to cancel ERPIP App. D. 3, SITE TRAFFIC CONTROL.

Information contained in App. D. 3 is now detailed in ERPIP's for the Security Team.


Supervisor - Emergency Planning

8305
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Plant Superintendent

JMM/TEF:sab