

*Calvert Cliffs*

*50-317*

TO:

*N.R.C. Office of I & E*

FROM:

Vinnie Usi  
Emergency Planning Clerk  
Warehouse #1, Calvert Cliffs

DATE:

September 27, 1983

Attached you will find Emergency Response Plan Implementation Procedure's Revision(s) to be incorporated into your Emergency Response Plan Implementation Procedures manuals. Please make the necessary corrections to your manuals and return this form signed and dated.

Revision(s) to be incorporated into manuals:

Procedure 4.1.22.1

Revision 0 Change 1  
new attachment 1

Appendix B.1

Revision 10 Change 3  
new pages 5, 6, 7, 8, 29,  
30, 33, 34 and 39  
new review/approval page

~~41E35~~  
X005  
/1

I have incorporated the above listed Revision(s) into my manuals.

Signed

*Shirley E. Helch*

Date

*9/30/83*

A.A. Usab

8310170005 831006  
PDR ADOCK 05000317  
F PDR

ATTACHMENT 1  
CR/TSC PLANT PARAMETER REPORT

ERPIP 4.1.22.1  
REV. 0  
Ch. 1

UNIT \_\_\_\_\_

Page 1 of 2

PLANT RADIATION MONITORS

	1	2	3	4	5	6	7	8	9
TIME	MAD: VENT RE-5415	COND. VAC. PP. DISCH. RE-1752	WASTE GAS RE-2191	CNTMT. PURGE EXH. RE-5281	ECCS PP. RM. EXH. RE-5406	WASTE PROCESS RE-5410	FUEL POOL RE-5420	ACCESS CONTROL RE-5425	LIQUID WASTE DISCH.

PLANT RADIATION MONITORS

IN-PLANT AREA  
SURVEY RESULTS

PLANT RADIATION MONITORS						IN-PLANT AREA SURVEY RESULTS									
10				11		12		13		14		15		16	
TIME	CONTAINMENT MONITORS				CVCS GROSS (FF) MONITOR		EXPOSURE RATES	AIR- BORNE ACTIVITY	EOP NO.	STATUS OF UNAFFECTED UNIT					
	LOW RANGE		HIGH RANGE												
	U-1	U-2	U-1	U-2											

POST ACCIDENT SAMPLING SYSTEM

NOBLE GAS MONITOR

	17	18	19	20	21	22	23	24	25	26
TIME	GROSS BETA/GAMMA	GAMMA SPECTRUM	%H <sub>2</sub>	%O <sub>2</sub>	pH					

TIME										

8810030329 830927  
CE ADGCK 05000017  
CP

DJPE 8310110258

UNIT \_\_\_\_\_

Page 2 of 2

[illegible]

## ERPIP 4.1.22.1 REVIEW/APPROVAL:

[illegible]

CALVERT CLIFFS NUCLEAR POWER PLANT  
EMERGENCY RESPONSE PLAN  
IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES \_

ERPIP PAGE

4.1.22.1-1

REV.

0

4.1.22.1-2

0

ATTACHMENT

1, Page 1

0, ch. 1

1, Page 2

0, ch. 1

TABLE 1-1 (Continued)

REMARKS:

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INVENTORY BY:

DATE

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REVIEWED BY:

DATE

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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)		_____		_____	Op. Ck	_____		_____
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.(4)	_____	AA(2)	_____	D(4)	_____

\*Includes power cable and probe connecting cable

**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)

TAMPER SEAL INTACT \_\_\_\_\_

<u>INSTRUMENTS:</u>	S.N.	CAL. DUE	BATT. CK.	RESPONSE CK.
PIC 6A	_____	_____	_____	_____
PIC 6A	_____	_____	_____	_____
MS-2/SPA-3 *	_____	_____	_____	_____
Air Sampler	_____	_____		
Source	_____			

\* Includes power cable and probe connecting cable.

ch.  
1

ch.  
1

DOSIMETRY: CAL. DUE \_\_\_\_\_

SRD 0-200mR (10)	_____	SRD 0-1R (10)	_____	TLD (10)	_____
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MISCELLANEOUS:

Dosimeter Charger (1)	_____	Op. Check	_____	
Charcoal Cart (10)	_____	Particulate Filters (1 Box)		_____
Flashlight (1)	_____	Silver Zeolite Cart. (10)		_____
Remote telephone (1) (Charge battery quarterly)	_____	Set of Keys (1 Set)		_____

ch.  
1

BATTERIES (Change 2nd & 4th Quarters)

9 v. (4)	_____	AA Cell (2)	_____	D Cell (4)	_____
Neg. Pressure Respirators (10)			_____		
Spare Cartridges for Respirators (10)			_____		
Anti-C Complete Sets (10)			_____		
TAMPER SEAL REPLACED	_____				

SHIFT SUPERVISOR'S OFFICE

Emerg. Call List (1)	_____			ch. 3
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) \_\_\_\_\_

50 mile EPZ Map & Isopleths Overlays (1 Set) \_\_\_\_\_

MSA-401 Breathing Apparatus

(with air bottle) (2) \_\_\_\_\_

Spare Air Bottles for

MSA-401 (2) \_\_\_\_\_

BIOPAK-60P Breathing Apparatus (23) \_\_\_\_\_

ch.  
3

REMARKS: \_\_\_\_\_

INVENTORY BY: \_\_\_\_\_

DATE \_\_\_\_\_

REVIEWED BY: \_\_\_\_\_

DATE \_\_\_\_\_

TABLE 13 (Continued)

FIRE INSPECTION	UNIT	#REQ'D	#FOUND
BOLT CUTTER	Each	1	
FIRE AXE	Each	1	
REDUCER 2 1/2 & 1 1/2	Each	1	

INVENTORY BY: \_\_\_\_\_ DATE \_\_\_\_\_

REVIEWED BY: \_\_\_\_\_ 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*	_____	_____	_____	_____
(Includes power cable)				ch.
RADECO AIR SAMPLER		_____	_____	
THOMAS AIR SAMPLER		_____	_____	
TI-55 Calculator		_____		
Unisonic Calculator		_____		
*Includes probe connector cable				ch. 3

**DOSIMETRY EQUIPMENT**

	CAL. DUE DATE	
WB TLD's, Panasonic (5)	_____	
SRD 0-200mR (5)	_____	SRD 0-5R (5)
SRD 0-50R (5)	_____	SRD 0-200R (5)
Dosimeter Charger (2)	_____	
Op Check	_____	

**SAMPLING MATERIALS**

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

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

**INSTRUMENTATION**

	S.N.	CAL. DUE	BATT. CK.	RESPONSE CK.
PIC 6A	_____	_____	_____	_____
PIC 6A	_____	_____	_____	_____
RO-4A	_____	_____	_____	_____
E-520	_____	_____	_____	_____
PRM 4A/AC-3*	_____	_____	_____	_____
RM-14*	_____	_____	_____	_____

(Includes power cable)

RADECO AIR  
SAMPLER

THOMAS AIR  
SAMPLER

TI-55 Calculator

Unisonic Calculator

\*Includes probe connector cable

ch.  
3

ch.  
3

**SAMPLING ACCESSORIES**

Zeolite Filters (30)	_____	Scott Filters (2 Boxes)	_____
Glassfibre Filters (1 Box)	_____	Millipore Filters (2 Boxes)	_____
Smears (1 Box)	_____		

**DOSIMETRY EQUIPMENT**

	CAL. DUE		
TLD Special (20 Pkgs. w/WB TLDs)	_____		
WB TLDs, (50)	_____		
SRD Ø - 200mR (50)	_____	SRD Ø - 5R (50)	_____
SRD Ø - 50R (50)	_____	SRD Ø - 200R (50)	_____
Dosimeter Charge: (4)	_____	Op Check	_____

TABLE 13 (Continued)

PROTECTIVE CLOTHING & ACCESSORIES

Anti-C Complete Sets (4)	_____	Rubber Gloves (50 Sets)	_____
Cotton Gloves (50 Sets)	_____	Paper Suits (1 Box)	_____
Neg. Prs 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)	_____
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MISCELLANEOUS

5 Gal. Poly Btl w/Vent (1)	_____	Knives (2)	_____
Rad. Rope (1 Roll)	_____	Tweezers (5)	_____
Survey Maps (1 Set)	_____	Trash Can (1)	_____
Flashlights (2)	_____	MS-260 Spray (3)	_____
Extension Cords (5)	_____	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)	_____
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TABLE 17  
WAREHOUSE 3 MONITORING KIT  
INVENTORY

TAMPER SEAL INTACT \_\_\_\_\_

	SN.	CAL. DUE	BATT. CK.
RM - 14/HP210	_____	_____	_____
(Includes power and probe connector cables)			
E - 520	_____	_____	_____
PIC - 6A	_____	_____	_____
Air Sampler	_____	_____	
Charcoal Filters (10)	_____	Silver Zeolite Cartridges (10)	_____
Millipore Filters (1 Box)	_____		
TAMPER SEAL REPLACED	_____		

ch. 3

ch. 3

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INVENTORIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_



ERPIP APP. B.1 REVIEW/APPROVAL

[illegible]

*10 everything*

ERPIP App. B.I  
Rev. 10  
Ch . 3

CALVERT CLIFFS NUCLEAR POWER PLANT  
EMERGENCY RESPONSE PLAN  
IMPLEMENTATION PROCEDURES

LIST OF EFFECTIVE PAGES \_\_\_\_

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