NIAGARA MOHAWK POWER CORPORATION NINE MILE POINT NUCLEAR STATION EMERGENCY PLAN MAINTENANCE PROCEDURE

S-EPMP-2

REVISION 06

EMERGENCY EQUIPMENT INVENTORIES AND CHECKLIST

Approved by:

Approved by:

Approved by:

A. M. Salemi

Approved by:

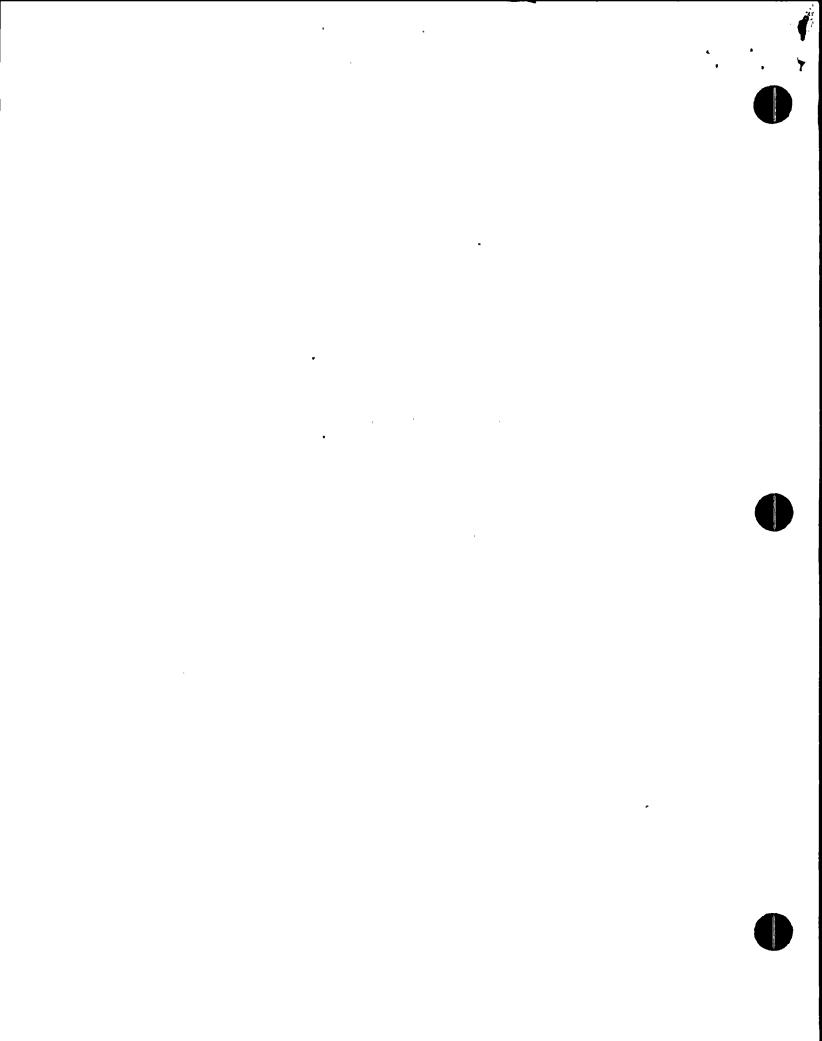
Director Emergency Preparedness

Approved by:

Director Emergency Preparedness

Effective Date: _____9/19/91

NOT TO BE USED AFTER __JULY 1992 _____SUBJECT TO PERIODIC REVIEW



- 8.8.1 (Cont)
 - e. Non-selfcontained breathing respirators shall be inspected and documented in Figure 42.
- 8.8.2 Control Room Emergency Procedures Checklists Bin/Tray 2

Emergency Procedures Checklist bins/trays containing selected procedural checklists shall be maintained in each Control Room. The contents of these shall be checked at least once per month and after each scheduled use using Figure 39.

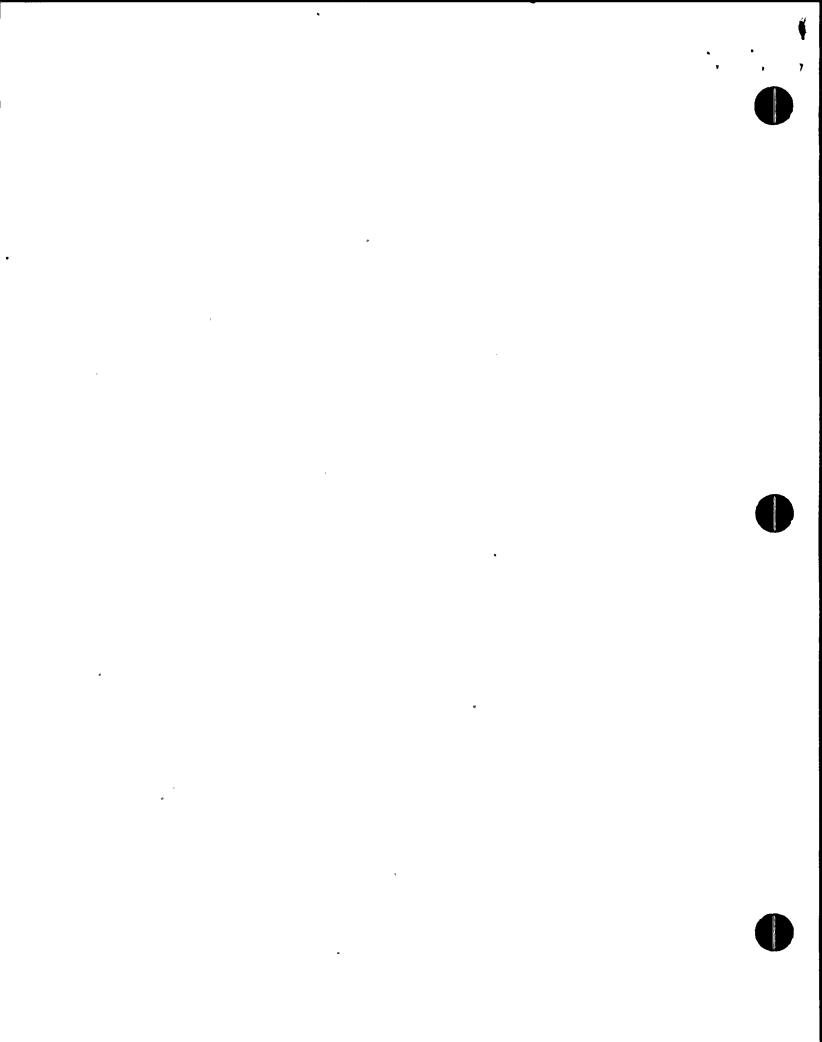
8.8.3 <u>Emergency Communications Systems</u>

The entire Emergency Communications System is subject to periodic testing. This shall be accomplished in the following manner:

- a. Communications with State and local governments within the plume exposure pathway Emergency Planning Zone (EPZ) shall be tested monthly. This shall include:
 - Dedicated direct phone lines (RECS)
 - 2. Console/base station radios
- b. Communications with Federal emergency response organizations shall be tested monthly. This shall include:
 - Dedicated direct phone lines (ENS)
 - 2. Dedicated commercial phone lines (HPN)
- c. Communications between emergency response facilities shall be tested quarterly. This shall include:
 - 1. Dedicated direct phone lines
 - 2. Console/base station radios
 - 3. Gai-Tronics System

NOTE: Prior to testing the Emergency
Communications System at the Corporate EOC,
notify the Chemistry and Radiation
Protection Support Group to provide someone
to assist with the tests.

d. This equipment shall be checked as specified in Figure 40.



8.8.3 (Cont)

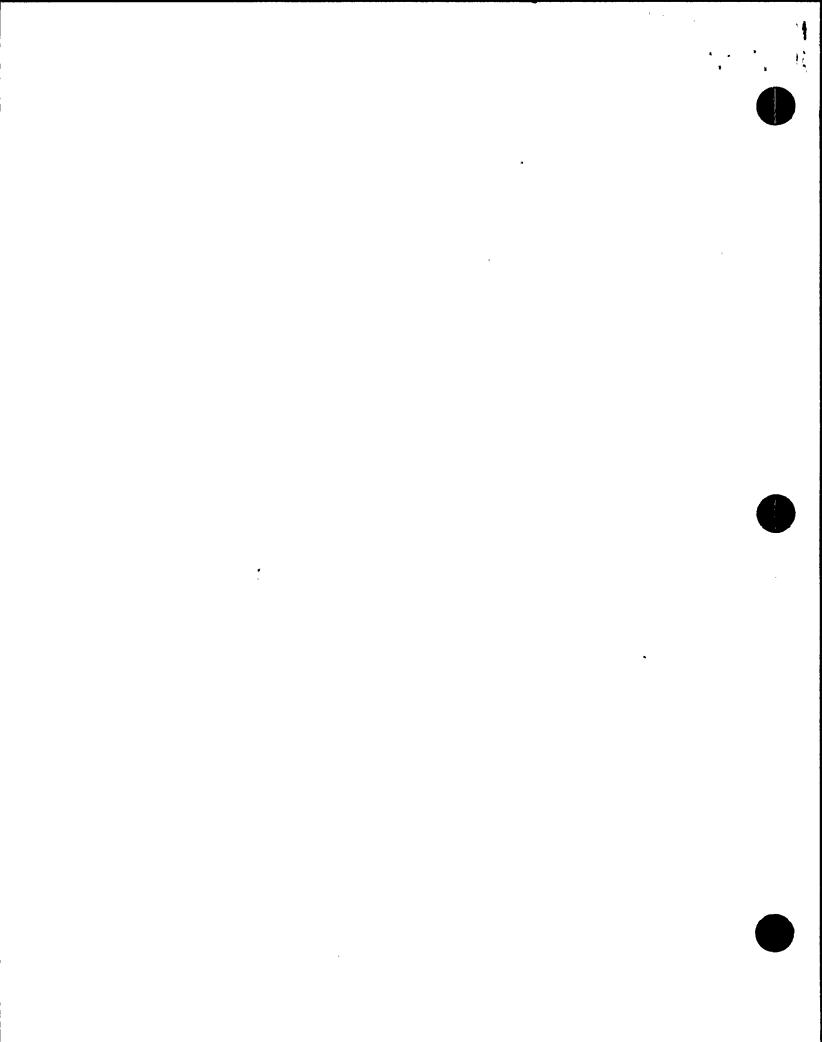
- e. These communication links shall be tested by calling the other party and then receiving a call from them.
- f. The function is considered successful if transmission and receiving is clear and bell/light indicator is/are working.
- g. If radio/telephone equipment is found to be in an unsatisfactory condition (transmit/receive) then a defective equipment tag should be placed on it showing the date and problem. This will be removed upon correction of the problem.
- h. Yearly all phones with commercial lines (eg 342, 349, 428 etc) will have their lines checked for operability. This check may be documented as part of any scheduled emergency drill/exercise

8.8.4 EOF Voice Recorder

Audio tapes in the EOF voice recorder located in the Nuclear Training Center/Emergency Operations Center phone room shall be changed daily. A record of these changes shall be recorded on the EOF voice recorder log (Figure 41) and the completed log shall be forwarded to the Emergency Preparedness Department following the last entry of the month.

8.9 Checklists

S-EPMP-2, Figures 1 through 46 shall be used when performing the emergency equipment inventories/checks.



S-EPMP-2, FIGURE 40

Nů	NIAGARA MCHAWK

NMP EMERGENCY EQUIPMENT LILEKLIST

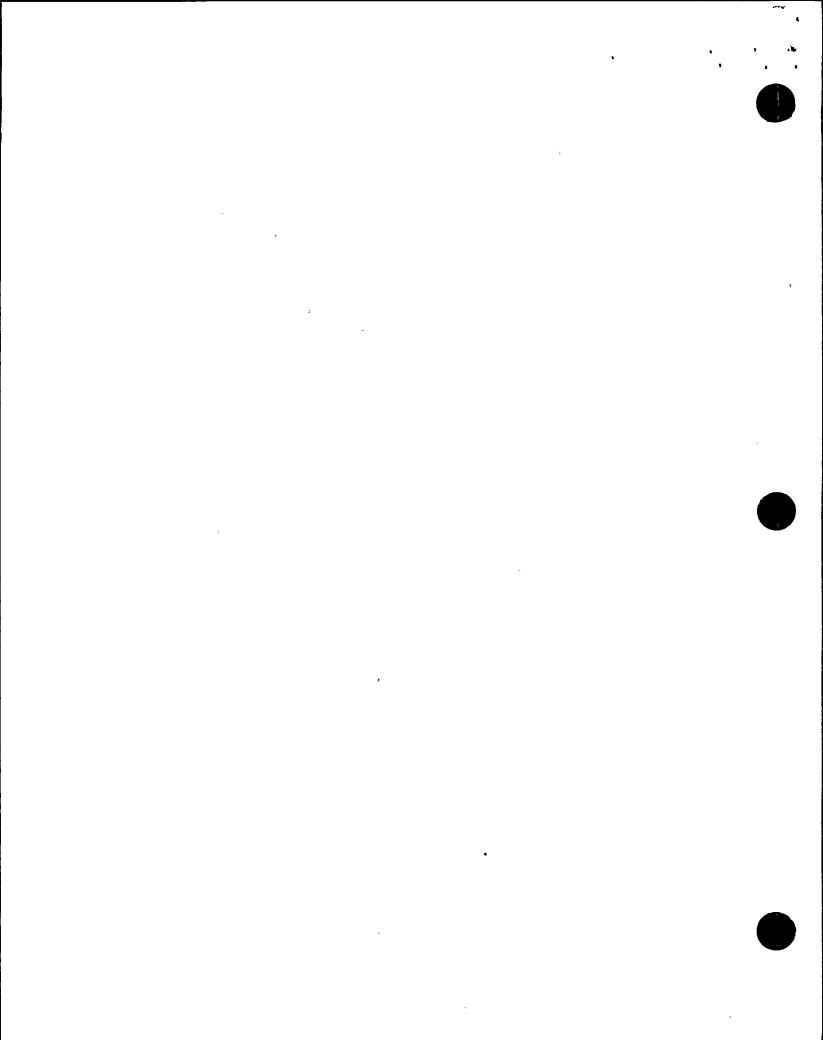
(S-EPUP-2, Form 1, Rev 00)

Emergency Communication System Surveillance Sheets

☐ Monthly	Quarterly	0	Other:		
Month	OCHOSER		Year_	1991	

Checks Conducted by

| Date | 10/25/91 |
| Supervisor Emergency Facilities, or Designee | Date | 11/2/91 |

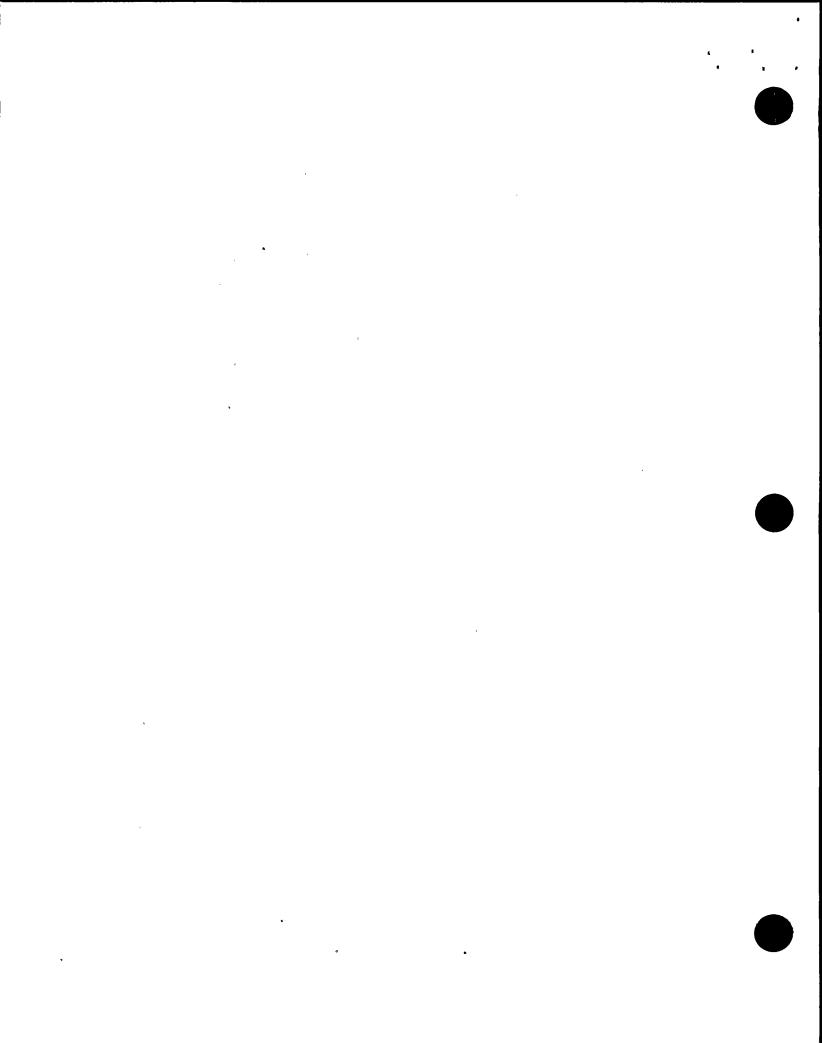


NMP EMERGENCY EQUIPMENT CHECKLIST — QUALTELY Emergency Communication System Surveillance Sheet TSC

(S-EPUP-2, Form 21, Rev 00)

	Communications Link Utilized	Person Contacted	Verified by (Init/Date/Time)
a	TSC-EOF NELD Coord. #63 PL-10033 - · · · · · · · · · · · · · · · · · ·	J: Ro- (SLX 10/24/91; 10:05
ь	TSC-EOF Security #63 PL-16919	J. 20. T	<u> </u>
c	TSC-OSC I&C Coord. #63 PL-16969	N. Silvilvan	X174 10/22/91 113:58
d	TSC-OSC SS/ST Coord, #63 PL-16918	L V	1 1 1 1 1
8	TSC-CR# 1 C. R. Comm. #63 PL-10032	N SUCCINAN	MILL 110/20/9 1 13:54
f	TSC-CR# 1 S.E.D. #63 PLNT 22750 · · · /- · · · · ·	v V	V 1 V 1 V
a	TSC-CR#2 S.E.D	N. SHLCIVAN	N. FICI 10/22/511 13. 12
h	TSC-CR#2 C. R. Comm	v V	F 1 V 1 H
 i	•	P. ELEMING	JAK 1 2/23/4 114.55
•	TSC-Power-Cont. (U1) #63PLNA28108- · · · · · · · · ·	Cisclia+N	MARCH 10/21/91 1 14.33
ı V	TSC-Power-Cont. (U2) #63PLNA28364	bace	K , J, , b
1	TSC-JAF/CR (U1) #63PLNA28109	Prince	MULLI CHILGI IL 57
м	TSC-JAF/CR (U2) #63LADA34299	brown	1/1/1/1/1
2	. Radio Communications - Radio/Console:	1) B-4 A	b) Communications Room
_	<u></u>	a) Rad Assessment Room	
	Comm. Link Utilized Person Contacted	Verified by (InivDate/Time)	Verified by (Init/Date/Time)
OF	POWER CORRES CULU AND /MAKENE	1 AMCI N/22/911 14:40	Sell-118/28/91/114:40
		1 SSL 110/22/911 14:49	
	Rad Teams 1 A:	S.fle 110/24911 V	V 1 V 1 V
	Administration 1 B: R. FLEMING	1 1 111:53	JUL 1 10/25/91 1 14:51
	Rad Teams 1 B: U L	4,4,4	4,4,4
UN	IIT 1	* 1 1./	
	Rad Teams	JEC. 110/22/91 114:43	ASA 1 16 5 3 9 11 14 . 42
	Operations/Fire	<u> 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </u>	<u> </u>
	(Later)		
	(Later)		
UN	Rad Teams N. Sullivan	1:26 10/22/91 114:44	MACL 18/22/91/14:46
	Operations	1,1,1	1 , 1 , 1
	Maint/I&C		
	Parling :		VVV
	Λ.		
	(Later)		

NOTE - 1: Use to Contact (a) OS.CO.EOC and (b) CORP.EOC Base.

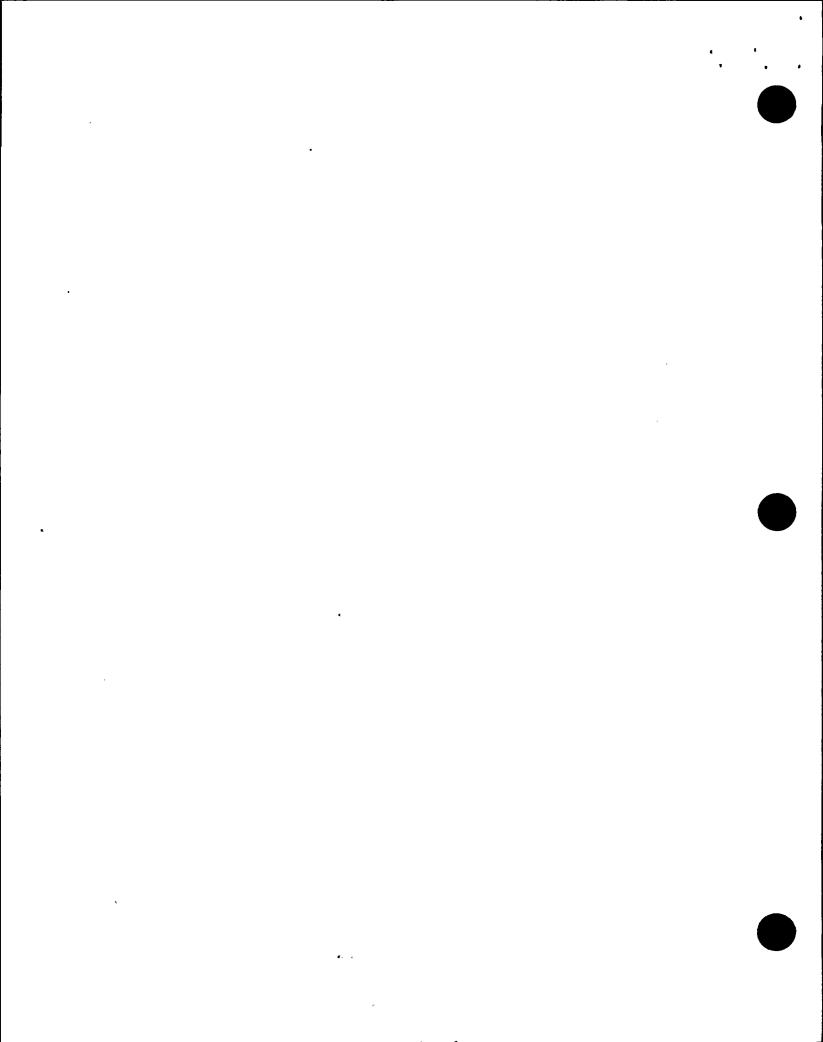


N	Y	NIAGARA

NMP EMERGENCY EQUIPMENT CHECKLIST — QUARTERLY Emergency Communication System Surveillance Sheet-TSC (Cont.d.)

(S-EPUP-2, Form 2ts, Rev 00)

3	Gai-Tronics ·				
_	Location	Ct	annels Tes	ted	Verified by (Init/Date/Time)
	Unit 1	1.	©∕SAT	☐ UNSAT	SK. 11/22/911 13:2
а	Rad Assessment Room	2.	Ø SAT		
	•	3	G SAT	☐ UNSAT	V , V , N
	Unit 1		-/ a.z	UNSAT	PX 1 10/22/91 1321
					1 1 1 1 1 SEI
b	Communications Room	1	SAT	☐ UNSAT	
		3	, Ø SAT	□ UNSAT	KI KI Y
	Unit 1	1.	Ø SAT	☐ UNSAT	ASK 114,2491 1 13.20
_	Othe Supergraph Disposes	2.	,		1 1
С	Site Emergency Director	3		C UNSAT	11 11
		<u> </u>	•		
	, Unit 1	1.	© SAT	C UNSAT	SPL 1 10/2491 , 13:5
ď	Station Survey Sample Team Coord. Desk	2,	Z SAT	UNSAT	
	, , ,	3	C SAT	☐ UNSAT	4 , 4 , 1
			•		
	Unit 2	1.	E SAT	☐ UNSAT	SSA 1 10/22/91 13:30
,		2.	E SAT	C UNSAT	11111
		3	SAT	UNSAT	V , V , V
		<u> </u>		•	
	Unit 1	1.	© SAT	☐ UNSAT	SPR 110/2/91 1 13:15
0	Maintenance Coord. Desk	2.	SAT	UNSAT	
	•	3	SAT	C UNSAT	V , V , V
	Unit 1	1.	CZ' SAT	UNSAT	SK 1 10/22/911 13:15
f	Tech. Assessment Room.	2.	& SAT	☐ UNSAT	
	,	3	ET SAT	☐ UNSAT	\underline{V} , \underline{V} , \underline{V}



(Cont) S-EPMP-2, FIGURE 40

NY	NIAGARA MOHAWK
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NMP EMERGENCY EQUIPMENT CHECKLIST - MONTHLY

Emergency Communication System Surveillance Sheet - TSC

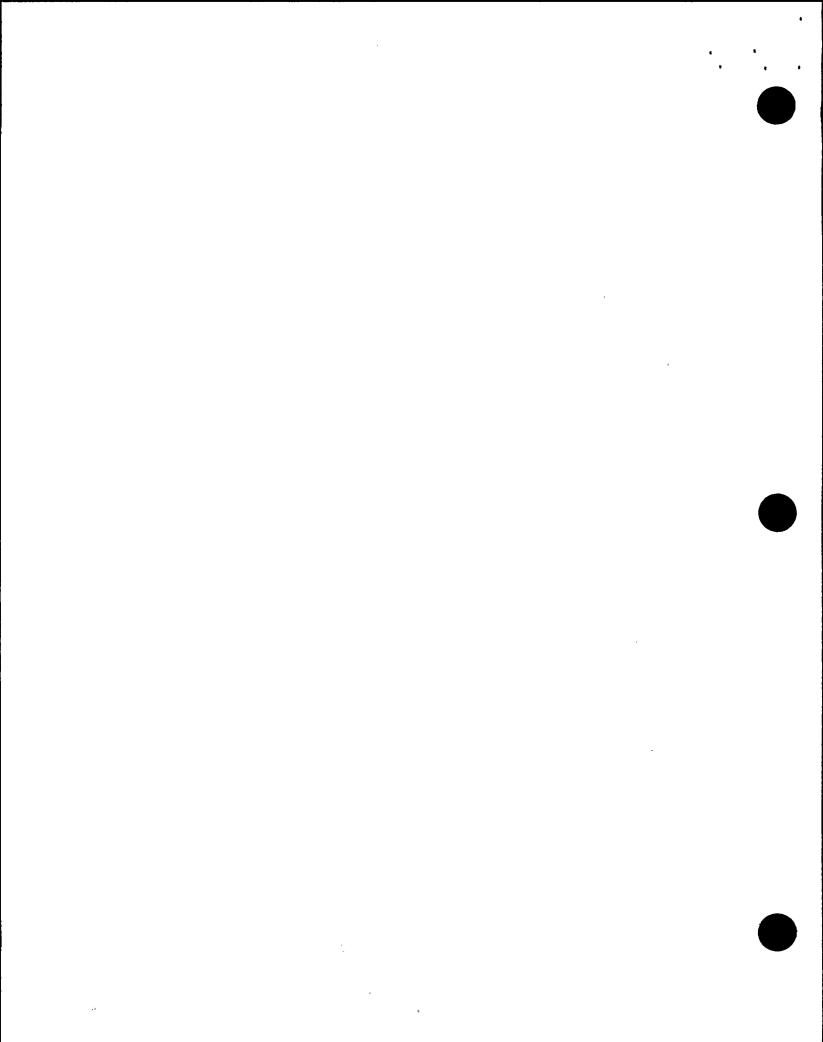
		unicigono deminante	200000000000000000000000000000000000000	
1	(S-EPUP 2, Form 2, Pay 100)	cy Communication System (RE	CS) Hottine ¹	Circuit Number: 63PLNT14222
÷	Agency Contacted	y commenced cyclem (i.i.e.	Verified by (Init/Date/Time)	
 a	Nine Mile Point Control Room #1.			SSL 10/22/411 14:25
	Nine Mile Point Control Room #2.			1 / 1 / 1
				, ,
C	Fitzpatrick Control Room	······ <u>/</u>		
d	Oswego County Warning Point			1 1
9	Oswego County ECC ²			
			ANS	1,1,1
	NYS Dept. of Radiological Health			
	NYS Division of State Police (Alter	_	4	1 1 : 1
	SEMO NYS Tech. Resources (Sta			, ,
				/ /
	NYS Warning Point		·····	
k	EOF		T STAFFED	
ı	AEOF	<u>J</u>		<u> </u>
_	NRC Emergency Operations	Center (ENS-Hotling) 3		Circuit Number: GP1481
ŕ	Agency Contacted	Person Contacted	Remarks	Verilled by (Init/Date/Time)
	NRC Headquarters	Gould	6K	XX , 18/22/41, 14:27
3	NRC Health Physics Network	k (HPN)³		Phone Number: (315) 343-0927
Γ	Agency Contacted	Person Contacted	Remarks	Verified by (Init/Date/Time)
	NRC Room	Tany Root & MANGE SULLIVAN	oiC	XGU, 10/22/41/13:25
	Rad Assessment Mogr's Desk	LOCAL CALL'S	ŀ	16, 8, 6
4	Radio Communications	=		
	Radio Console	Comm. Link Utilized	Person Contacted	Verified by (Init/Date/Time)
Г			6 . 1/	111

Radio Console	Comm. Link Utilized	Person Contacted	Verified by (Init/Date/Time)
Rad Assessment Room	Oswego Fire (KED 569)	600 K	Afel , 10/22/91, 14. 29
Communications Room	Oswego Fire (KED 569)	. 4	1. , \$, \$

1: Refer to Attachment 2 for NYS RECS Test Instructions and message content.

^{2:} A recall of this station is not required if no answer is received.

3: Failure of either of these phones is a reportable event. Upon discovery that either phone is inoperable IMMEDIATELY refer to Attachment 1 of this procedure (S-EPMP-2) for proper reporting instructions.



S-EPMP-2, FIGURE 40 (Cont)

NV	NIAGARA MOHAWR
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NMP EMERGENCY EQUIPMENT CHECKLIST — QUARTERLY

Emergency, Communication: System Surveillance: Sheet: OSC

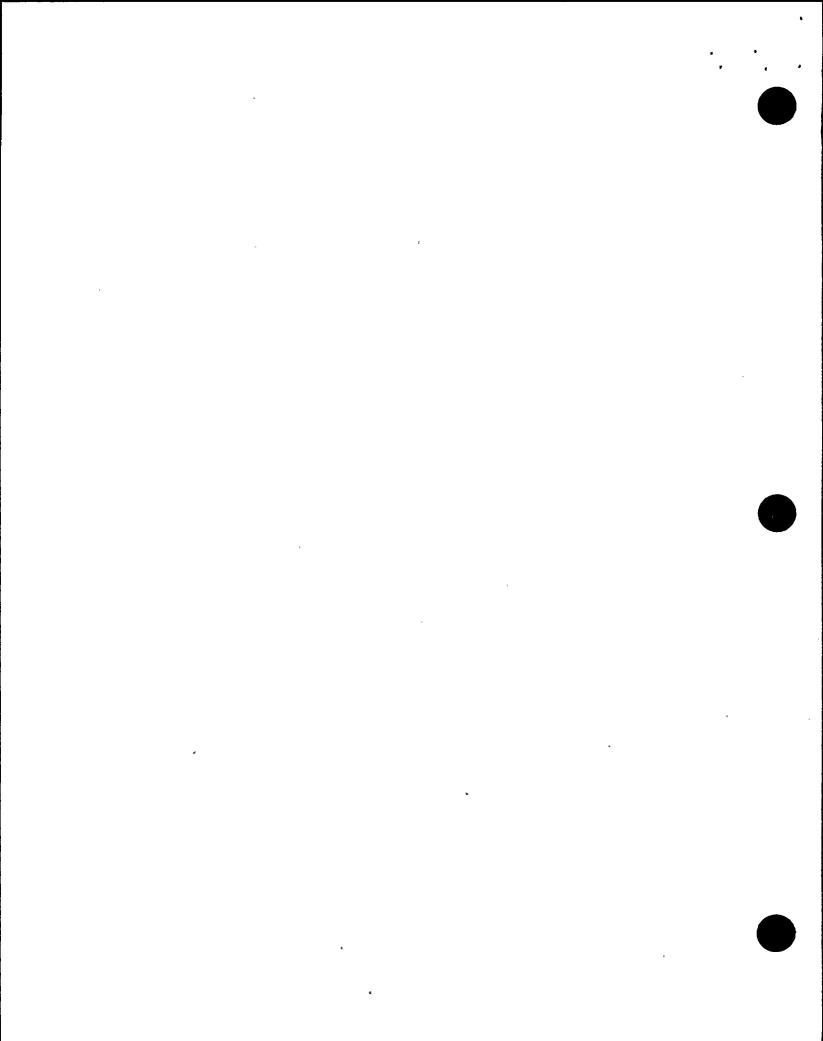
(S-EPMP-2, Form 3, Rev 00)

1 OSC Radio Communications Check

Title (Channel)	Circuit	Transmit and Receive 1 Verified by (Init/Date/Tim				ime)
a Unit 1 Fire (7)	63LADA30092	A SAT	G UNSAT	SC 19	13/5/1 14	(,00
b Unit 2 Fire (8)	63LADA30093	& SAT	☐ UNSAT	11,	1,	
C Unit 1 Rad Protection (3)	63LADA30095	Ø-SAT	☐ UNSAT		1	
d Unit 2 Rad Protection (4)	63LADA30094 .	& SAT	C UNSAT	,	,	
Unit 1 Maintenance (3)	63LADA30096	☐ SAT	₹ UNSAT	,	,	
f Unit 2 Maintenance (6)	63LADA30097	58. SAT	C UNSAT	14,0		 [

E. hine sus a we written on it Some as C:

All 10/23/91



عان.	3

NY	NIAGARA MCHAWK
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NMP EMERGENCY EQUIPMENT CHECKLIST - MONTHLY Emergency Communication System Surveillance Sheet - EOF

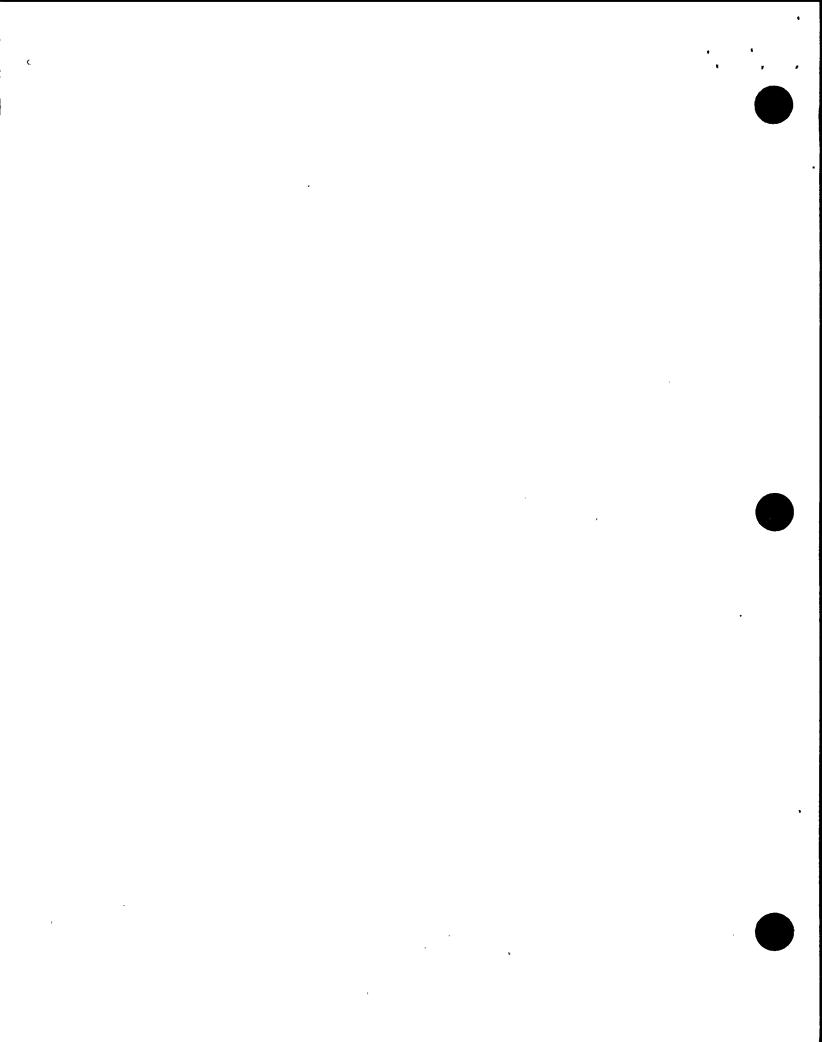
(S-EPMP-2, Form 4, Rev 00)

	1	NYS Radiological Emergen	cy Communication Syste	m (RECS) i	Hotline 1	Circ	uit Numt	956 :Jec	LN 11422
		Agency Contacted		Remarks (0	Comm Rm / St & Co Rm)	Vei	ified by	(init/Da	te/Time)
	a	Nine Mile Point Control Room #1,		<u> </u>	11	M	<u>', 10/2</u>	8/911	10:55
	ь	Nine Mile Point Control Room #2.		/	10	1	1	<u> '</u>	-
	¢	Fitzpatrick Control Room		/	1.		1	/	
•	d	Oswego County Warning Point		<u> </u>	11	_	1	,	_
	8	Oswego County EOC ²			11		,	/	
	f	SEMO NYS Central District 2		MANS	1,		/		
+	g	NYS Dept. of Raciological Health					1.	<u> '</u>	
	h	NYS Division of State Police (Alte	rnate State Warning Point).	<u> </u>	1 ~		1/	· 1	-
	i	SEMO NYS Tech. Resources (St	ate ECC).2	<u>/</u>	12		1/ /		
U	j	NYS Warning Point		<u> </u>	1/		//		
	k	AEOF		NOT	STAFFED	_	1/1		
	2	NRC Emergency Operations	s Center (ENS-Hotline) 3				Circui	t Numbe	r: GP1481
(OK)	Ē	Agency Contacted	Person Contacted	i	Remarks	Ver	illed by	(Init/Da	te/Time)
*		NRC Headquarters	Tolliffe		or s	Pola	L, 14.	kef/91 ,	10:39
SAID HEWAS BUSY ON AMITH	3	NRC Health Physics Networ	k (HPN)³		•	Phon	e Numbe	r: (315)	343-8139
PHONE & WOULD		Agency Contacted	Person Contacted	`	Remarks .	Ver	illed by	(Init/Dat	te/Time)
CALL DID:	a	NRC/FEMA Room	N. Salaran		0/2	M	TA	124/91,	10:30
NEVE 50124191	i	Rad Assessment Room	exert Cello		√	1/	, \	<u>,</u>	1
a sock	4	Radio Communications							
Recollected of FAS Ceres do		Radio Console	Comm. Link Utilize	d	Person Contacted	Ver	illed by	(init/Dat	te/Time)
Enscene a Freme from	a	Rad Assessment Room	Oswego Fire (KED 569)	Loomis .	Bu	-1 N/2	24/911	10:17
Pollife Oplife	ь	Communications Room	Oswego Fire (KED 569)	V	1	, 1	Į,	V
ا بر برازات مول									

1: Refer to Attachment 2 for NYS RECS Test Instructions and message content.

^{2:} A recall of this station is not required if no answer is received.

3: Failure of either of these phones is a reportable event. Upon discovery that either phone is inoperable IMMEDIATELY refer to Attachment 1 of this procedure (S-EPMP-2) for proper reporting instructions.



į	7.7	MIAGARA NMP.E
	(S	EPU.P-2, Form 42, Rev 00)
	1	Dedicated Lines (Hotlines)
		Communications Link Utilized
	a	EOF-TSC #63 PL-10033 · · · · ·
	b	EOF-TSC Security #63PL16919 · · ·
	С	EOF-Corp. EOC #63 PLNT-14475 · ·
	d	EOF-JNC #63 PL-19297
•	2	Radio Communications - Radio
		Comm. Link Utilized P
•	OF	FSITE
ζ	_	Power Control
		Administration ! A: B
		Rad Teams A:
		Administration 1 <u>B:</u>

MERGENCY EQUIPMENT CHECKLIST QUARTERLY

Emergency Communication System Surveillance Sheet - EOF

Verified by (Init/Date/Time) Person Contacted SA 1/0/4/911 10: 65 A Comscly

.... R. FLEMING AM 10/24/91110:41

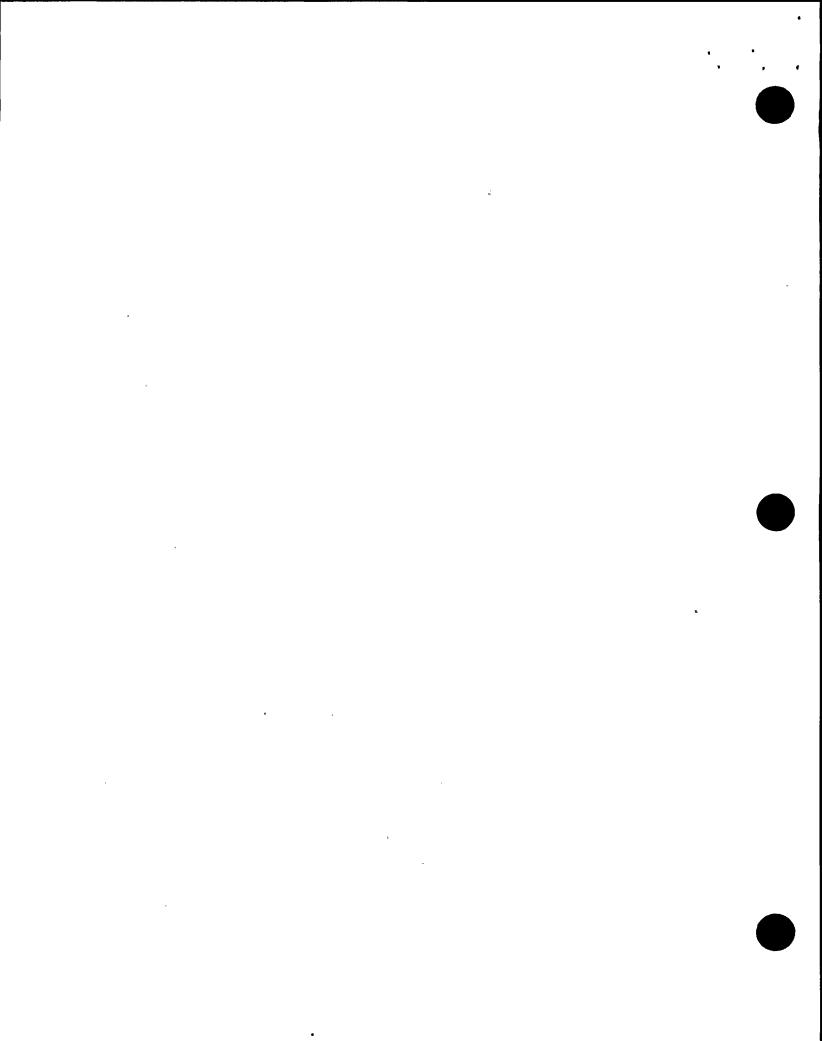
Sec 10/23/9/11/0:44 G. GAZDA

2 Hadio Communications	s - Racio/Console:	a) Rad Assessment Room	b) Communications Room
Comm. Link Utilized	Person Contacted	Verified by (Init/Date/Time)	Verified by (InivDate/Time)
OFFSITE 4 Power Control	. Anthony & Hickox	ALA 0/28/91 11:30	SUL 10/28/91, 11:3
Administration 1 · · · · · · · · · · · · · · · · · ·	A: Pete Cunning A: V	1 1 1 10/24/91 1 10:25	1 i V 1 J
Administration 1	B: L. Fleming B: U U	V, V, V	SLR 1 10/24/91 10:4
UNIT 1 Rad Teams	. Sullwan	ALK 10/24/9/110:15	M 1/0/24/9/ 1/0:10

UNIT 2 SSR 10/24/91 1/0:16 SR 10/24/91 1/0:13 Rad Teams Sullusar Operations

In op CAN RECEIVE AT GOF BUT POWER CONTROLOGNING TEMMINH. I TOLD MIKE CUMMINS THAT I WOULD TUKN IT IN TO RADIO SHOP I Fustencted Him to put IT in His Log & ALSO TURN IT in.

NOTE - 1: Use to Contact (a) OS.CO.EOC and (b) CORP.EOC Base.



S-EPMP-2, FIGURE 40 (Cont)

NMP EMERGENCY EQUIPMENT CHECKLIST — MONTHLY

HAWK Emergency Communication System Surveillance Sheet - AEOF

(3-6	(Secure transful MA)							
1	NYS Radiological Emergency Communication Syst	em (RECS) Hotline 1	Circuit	Circuit Number: 63PL14222				
	Agency Contacted	Remarks	Verified	by (Init/Date/	/Time)			
a	Nine Mile Point Control Room #1	_/	SHO	23/911	11.2			
ь	Nine Mile Point Control Room #2	/	,	1				
С	Fitzpatrick Control Room	<u> </u>		1	$oldsymbol{\perp}$			
đ	Oswego County Warning Point			,				
9	Oswego County ECC ²	<u> </u>		,				
f	SEMO NYS Central District 2	NO Ans	,	1	<u> </u>			
g	NYS Dept. of Radiological Health	<u> </u>		/ /				
h	NYS Division of State Police (Alternate State Warning Point)	<u> </u>	,	· ,	<i>!</i>			
i	SEMO NYS Tech. Resources (State EOC)			/				
j	NYS Warring Point	<u> </u>	<u>'</u>	1				
•-		11: ===========	\mathcal{V}_{Λ}	V 11				

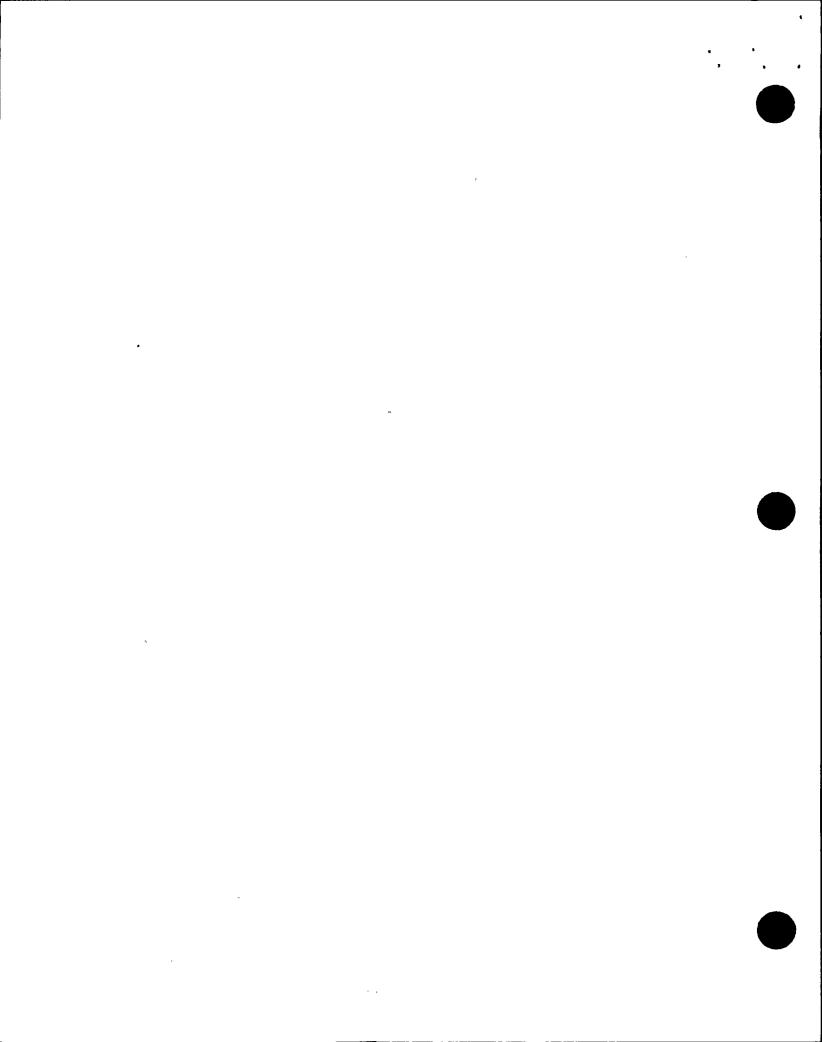
NOTES

1: Refer to Attachment 2 for NYS RECS Test Instructions and message content.

2: A recall of this station is not required if no answer is received.

i	Management and a contract only a contract of the contract of t		
		21/101/2010 TOWNS A STREET	
NEW LILAMANA	. 1888	TX BY SAME OF BUILDING	- 1 ANT 20000.72
I RE V NIAL-AVA			The Course of Contraction of the
	NMP EMERGENCY EQUIPMENT CHEC	se podra i Alberta pod poddiščini Principali Station de participante de l'inference	000-0-000000000000000000000000000000000
			M0000000000000000000000000000000000000
	Emergency Communication System Surv	ielliance Sceene a Ecile	••••
	- International Control of the Contr	Children Children Walled	esco.coccoccocc
	- \$1000000000000 \$4700000000 a \$1000 \$670 \$1000 \$530 \$100000 a \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1000 \$1000	an agus de como como como como en como como como como como en como como como como como como como com	aranymmeternos

Comm. Link Utilized	Person Contacted	Transmit a	ind Recieve	Verified	by (init/Date/Time)]
AEOF Base Station	DAUE WHENPLE	Channel 1	Æ6AT ☐ UNSAT	Alle	19/23/gr 11:1	<u>ا</u>
		Channel 2	ØSAT ☐ UNSAT	12,	V , V	



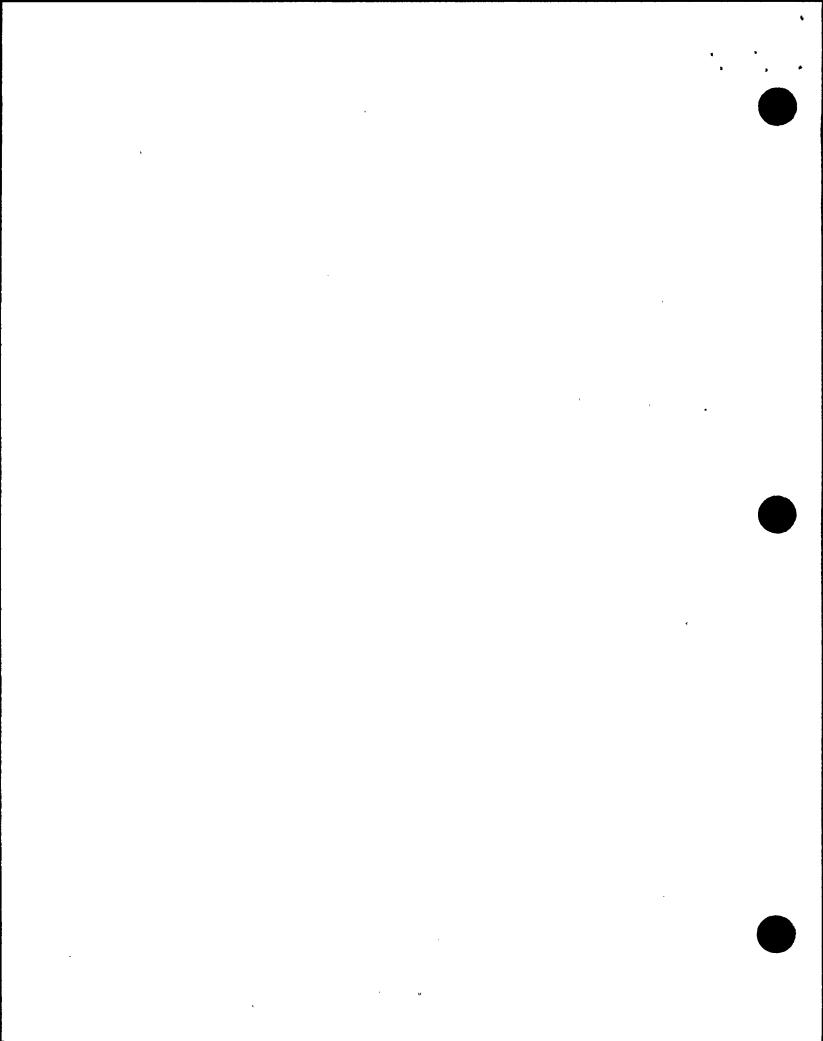
S-EPMP-2, FIGURE 40 (Cont)

N Y NIAGARA LI MCHAWK NMP EMERGENCY EQUIPMENT CHECKLIST — QUARTERLY Emergency Communication System Surveillance Sheet - JOINT NEWS CENTER

(S-EP4P-2, Form 6, Rev 00)

Comm. Link Utilized	Person Contacted	Verified by (Init/Date/Time)
a NIMO-Syr	l. Fleming	Ste , 10/23/4, 10:45
b NIMO-Dose Assessment (EOF) #63PL31819	G GAZDA	SA 11/23/41 18:44
c NIMO-Tech. Assessment (EOF) #63PLNA27294		
d NIMO-Pub. Info. (EOF) #63PL19297	. 1	14, 1,
e Portamobile HT # 162	Channel 1 TAN UNSAT	2/1 1/4/23/91,16:48
	Channel 2 SAT UNSAT	V , V , V

NOTE - 1: State whether transmission was satisfactory (SAT) or unsatisfactory (UNSAT).



S-EPMP-2, FIGURE 40 (Cont)

	NMP EMERGデジC EQ gency Communication Syste				IT 1
(S-EPUP-2, Form 7, Per 00)					
NYS Radiological Emerg	ency Communication System (RE	ECS) Hotine ¹	Circuit Numl	er: 63PLNT	14222
Agency Contacted		Remarks	Verified by	(init/Date/T	ime)
a Nine Mile Point Control Room	#2 <u> </u>		SEL 10/	24/91 1 13	<u>چې</u>
	<u>~</u>		1,	1	
C Oswego County Warning Poin	·		,	/	
d Oswego County EOC			/	/	
9 SEMO NYS Cantral District.		0 H13	,	,	
	្ត ប្រជា	_	,	,	-
9 NYS Division of State Police (A	Alternate State Warning Point) . 🔽		,	,	
h SEMO NYS Tech. Resources	(State EOC).2		/ .	`./	
i NYS Warning Point	<u>/</u>		_ /	/	
j &OF		OT STAFFED	/	/	<u></u> .
k AEOF	<u>~</u>	OT STAFFED	· \ / \	<u>,</u> , \	
NRC Emergency Operation	ons Center (ENS-Hotline) 3		Circuit	Number: Gi	 21481
Agency Contacted	Person Contacted	Remarks	Verified by	Init/Date/III	me)

3 Radio/Console: Control Room Unit 1

a SSS Office Drop

Comm. Console Drop

Comm. Link Utilized - OFFSITE	Person Contacted	Verified by (Init/Date/Time)
a Oswego Fire (KED 569)	Loonis	PM , 19/24/91 , 14:01

He Anonews

OIC

NOTES

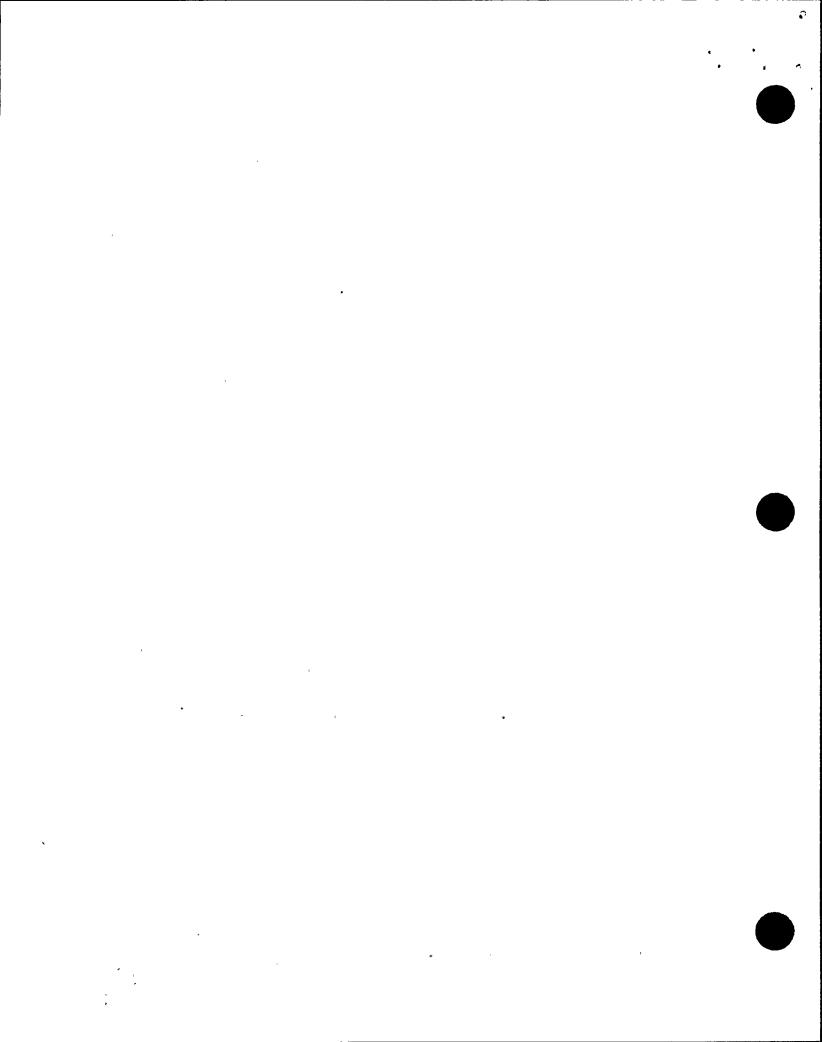
1: Refer to Attachment 2 for NYS RECS Test Instructions and message content.

2: A recall of this station is not required if no answer is received.

XXX 10/24/91 , 13:49

63PLNT14222

^{3:} Failure of either of these phones is a reportable event. Upon discovery that either phone is inoperable IMMEDIATELY refer to Attachment 1 of this procedure (S-EPMP-2) for proper reporting instructions.

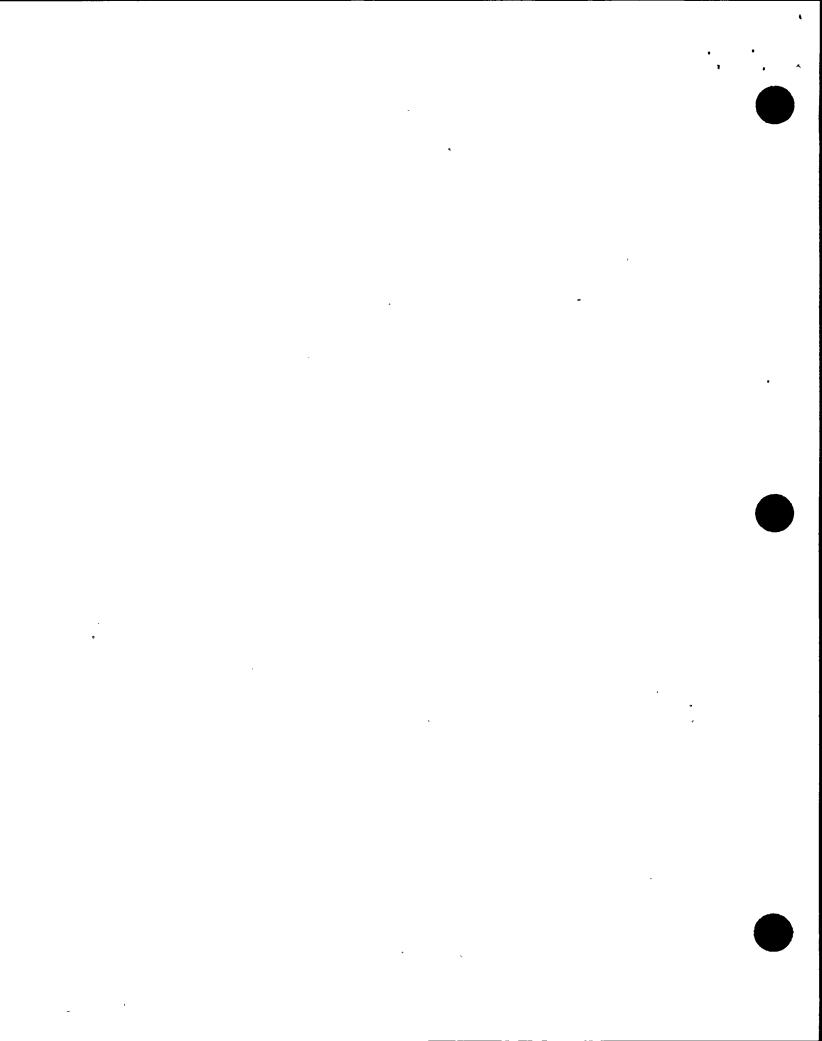


NJ	NIAGARA MCHAWK	
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NMP EMERGENCY EQUIPM: NT CHECKLIST — QUARTERLY Emergency Communication System Surveillance Sheet CONTROL ROOM UNIT 1

(S-EPUP-2, Form 7s, Rev 00)

(2-Start-6' tam 1 € ust m)			
1 Dedicated Lines (Hotlines)		•	
Communications Link Utilized	Person Contacted	Verilled by (Init/Date/Time)	
a CR #1-TSC #63PL10032 · · · · · · · · · · · · · · · · · · ·	JROOT.	SIR 10/2/9/1 13:42	
b CR#1-TSC #63PLNT22750		¥ 1 ¥ 1 ¥	
c CR#1-JAF C.R. #63PLNA28109	J. OLOWN	Afte 10/24/91 114:00	
d CR#1-Power Control #63PLNA28108 · · · · · · · · · · · · · · · · · · ·	Ragen	SSK 10/24/91/14701	
2 Radio Communications - Radio/Console: C.R. U1	Console #1	Console #2	
Comm. Link Utilized Person Contacted	Verified by (InivDate/Time)	Verified by (Init/Date/Time)	
OFFSITE Power Corard. Administration! A: P. Currainan Rad Teams! A: L Administration! B: L UNIT 1 Rad Teams Operations/Fire (Later).	# 1 / 1/4:04 # 1 / 1 / 1/1 ## 1 / 1/2:09	Sec. 10/24/9/1 14:00 1 1 1 14:00 V 1 1 1 14:08 V 1 1 1 1 14:15 Sec. 10/24/9/1 14:15	
UNIT 2 Rad Teams	SCL 10/24/91 114:34	**************************************	



N Y NIAGARA W MCHAWK

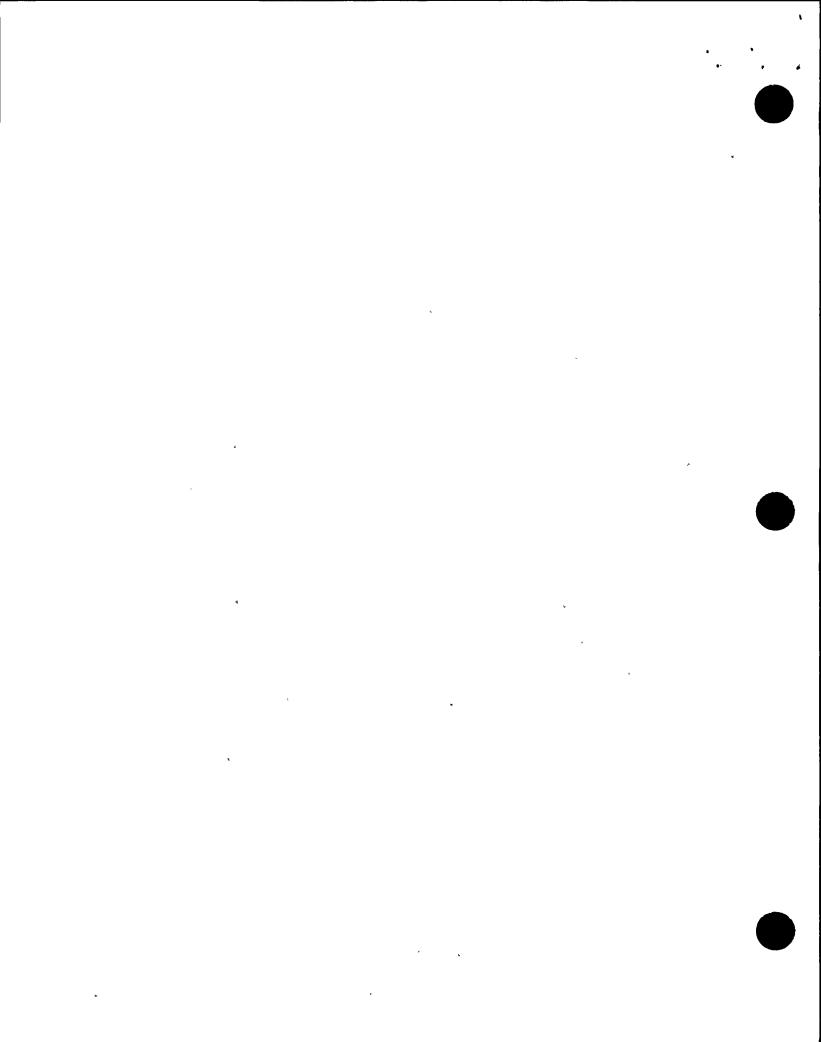
NMP EMERGENCY EQUIPMENT C'TT 'KLIST — MONTHLY Emergency Communication System Surveillance Sheet - CONTROL ROOM UNIT 2

(S	EPUP-2, Form & Rev 00)				•		
1	NYS Radiological Emergency Communication System (RECS) Hottine ¹			Circuit Number: 63PLNT1422			
	Agency Contacted	Remarks			Verified by (Init/Date/Time)		
а	Nine Mile Point Control Room ≠1,				SER! NO	5/9/1/3	5.3/
ь	Fitzpatrick Control Room	<u>~</u>			/	/	_
С	Oswego County Warning Point.	<u>/</u>	_		/	/	
d	Oswego County ECC 2				/	/	
	SEMO NYS Central District				/	/	\perp
	NYS Dept. of Radiological Health		_		/	/	
			_		/	/	
	SEMO NYS Tech. Resources (Sta	_			/	: /	
i	NYS Warning Point	<u>/</u>			/	/	
j	EOF	<u>^</u>	JOT STAF	FFID	/	1	
	AEOF				1	\ /	₩
2	NRC Emergency Operations	Center (ENS-Hotline) 3			Circui	it Number: G	P1481
-	Agency Contacted	Person Contacted			Verilled by (Init/Date/Time)		
а	Comm. Console Drop	He FAOREWS	occ	~	ca , 19/2	<i>isf91 , 13</i>	5.'29
3	Radio/Console: Control Roo	m Unit 2					
Co	mm. Link Utilized - OFFSITE	Person Contact	ted	Verif	fied by (Init/Dat	te∕Tīme)	
a	Oswego Fire (KED 569)	Russer		ser,	0/25/91	, //:43	3 .

1: Refer to Attachment 2 for NYS RECS Test Instructions and message content.

2: A recall of this station is not required if no answer is received.

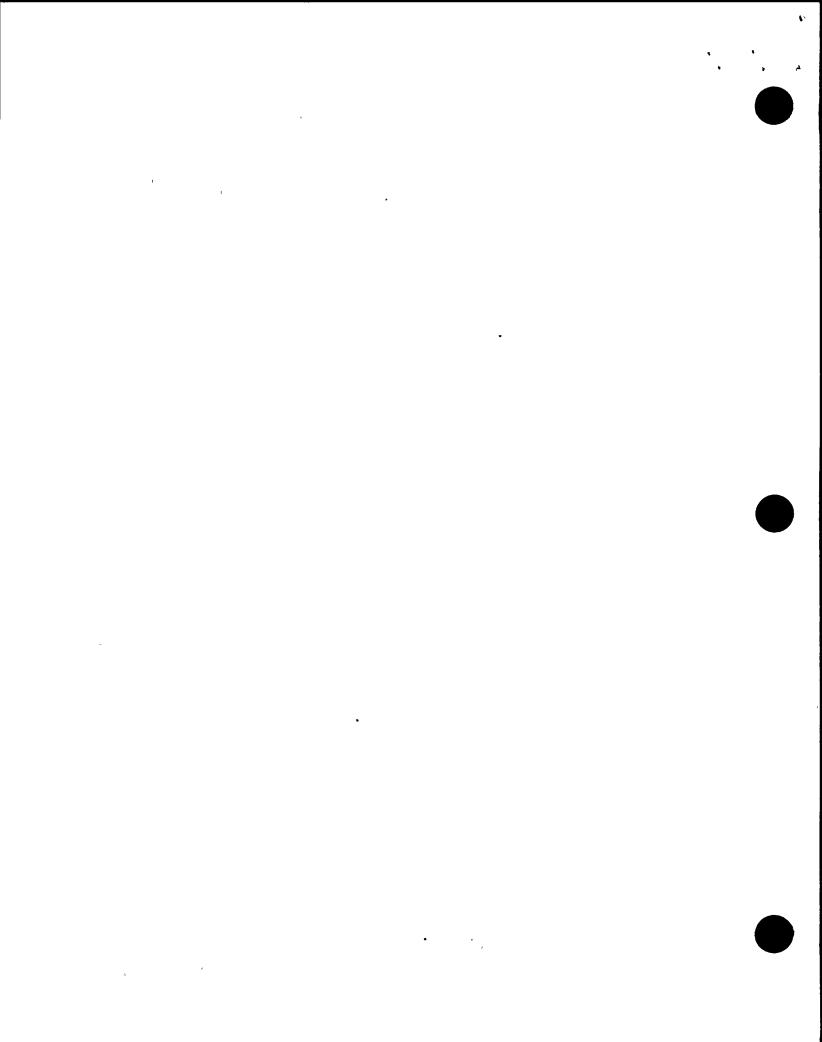
^{3:} Failure of either of these phones is a reportable event. Upon discovery that either phone is inoperable IMMEDIATELY refer to Attachment 1 of this procedure (S-EPMP-2) for proper reporting instructions.



	å			
N Y NIAGARA Emerg	AP EMERGENCY EC	QÜİPMENT CHECKLIST İstem Sürveillance Sheet C	—QLARTERLY ON HOLHOOM UNIT 2	
(S-EPUP-2, Form &s. Rev 00)		•		
1 Dedicated Lines (Hotlines)	•		
Communications Link Utilized		Person Contacted	Verified by (Init/Date/Time)	
a CR #2-TSC SED · · · · · ·	a CR #2-TSC SED · · · · · · · · · · · · · · · · · · ·		84 10/0/9/1 13:42	
b CR#2-TSC Comm. · · · · ·	<u> </u>	<u> </u>	V 1 V 1 V	
c CR#2-JAF C.R. #63PLNA34299 · · · · · · · · · · · · · · · · · ·		T MATTHEWS .	25 fle+10/25/2/11/3:33	
d CR#2-Power Control #63PLNA28364 · · · · · · · · ·		P. Reap	NIN 113:33	
e Remote Shutdown Area Drop -		N SUCLUAN .	ATA 114/27/41 1 13:35	
2 Radio Communications - 8	Radio/Console: C.R. U2	Console #1	Console #2	
Comm. Link Utilized	Person Contacted	Verified by (Init/Date/Time)	Verified by (Init/Date/Time)	
OFFSITE Power Control	Curmins	St. 10/25/9/1 11:35	INOP	
Administration 1 A:	Dave Whemple	1 1 11:39	, ,	
Rad Teams 1 A:	<u> </u>	1 11:40		
Administration 1 B:	R Fleming	1 11:38		
Rad Teams 1	<u> </u>	1/1/1/1/		
UNIT 1	J. Jones	fac 11/25/91/11:32	, ,	
Rad Teams	J, V	V. V. V.		
Operations/Fire		1 \ / /		
(Later)	$\overline{}$	- ' X ' ;	1X,	
(Later)				

NOTE - 1: Use to Contact (a) OS,CO.EOC and (b) CORP.EOC Base.

HARVEY

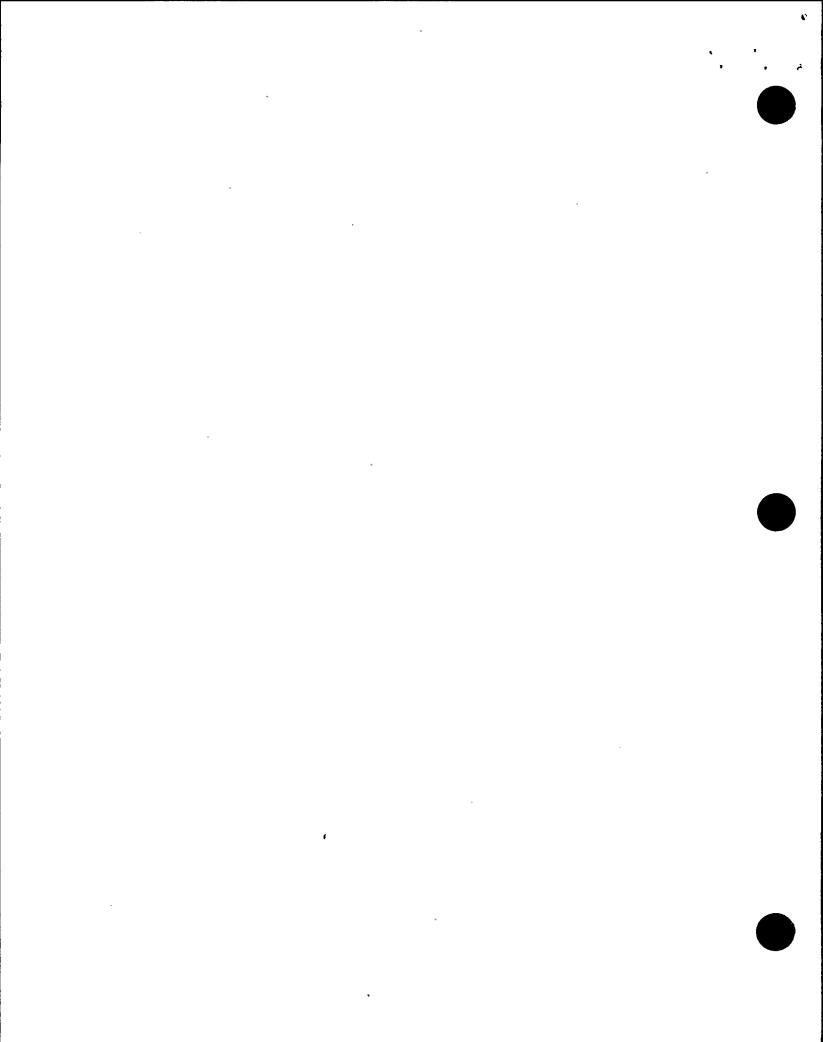


S-EPMP-2, FIGURE 40 (Cont)

I M WCH	NMP EMERGENCY EQUIPMENT CHECKLIST Emergency Communication System Surveillance Sheet MESSAGE	
EPMP-2, Form 9. i	Tev 00)	
Monthly	☐ Quarterly ☐ Other:	
1	This is the Nine Mile Point Nuclear Station	
2	Testing individuals name and number	
3	This is a test of the emergency communication system utilized to activate	. !
	the (NRC or Health Physics) radiological emergency response network from	•
	the NMPS (state location).
	Ask if reception is clear.	
4	This ends a test of the NMPS emergency communication system.	
		,
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Date

Supervisor Emergency Facilities, or designee



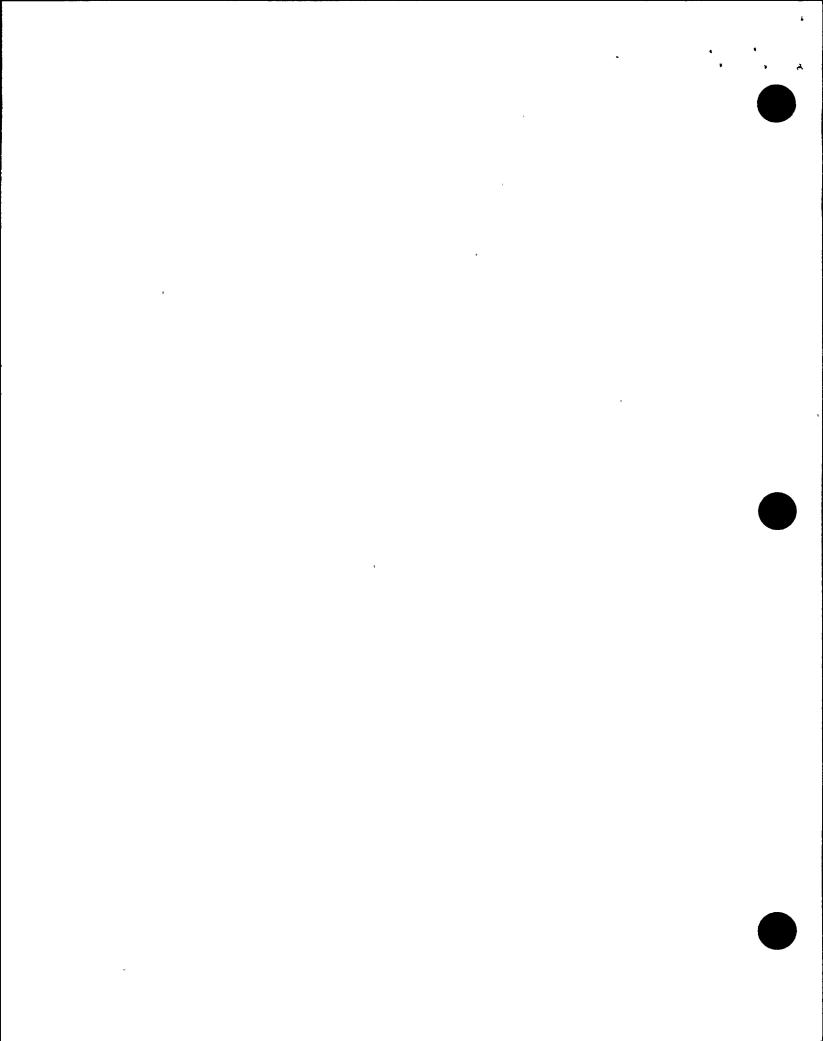
S-EPMP-2 ATTACHMENT 1 INSTRUCTIONS FOR REPORTING INOPERABILITY OF NRC PHONES.

1.0	NRC Emergency Operations Center (ENS-Hotline) Circuit Number <u>GP1481</u>				
1.1	This phone has extensions in the following locations: Unit 1 Control Room				

Unit 2 Control Room TSC Communications Room TSC Tech. Assessment Room EOF Communications Room

- 1.2 Upon discovery of such inoperability proceed as follows:
- 1.2.1 Immediately contact and inform the SSS of the ENS inoperability.
- 1.2.2 Initiate a Deviation Event Report in accordance with NIP-ECA-01.
- 1.2.3 Proceed as directed by the SSS in making the proper notification.
- 1.2.4 Repairs to the ENS Hotline Circuit number GP1481 should be directed to the PBX operator.
- 1.2.5 Immediate NRC notification shall be made via the ENS when service is restored.
- 2.0 NRC Health Physics Network (HPN Hotline)
- 2.1 Commercial phones for contacting the NRC-HPN are in the following locations.

 TSC Phone Number (315)343-0927
 EOF Phone Number (315)343-8139
- 2.2 Notification of the NRC of inoperability of the HPN line is requested via Information Notice 89-19 "Health Physics Network."
- 2.3 Upon discovery of such inoperability proceed as follows:
- 2.3.1 Immediately contact and inform the SSS at the Unit 1 Control Room.
- 2.3.2 The Unit 1 Control Room (SSS or designee) shall notify the NRC Operations Center via ENS or commercial telephone to the HPN inoperability. The telephone number for the NRC Operations Center is 301-911-0550 or 202-951-0550.
- 2.3.3. To initiate repairs the SSS (or designee) should report the failure to the PBX Operator.
- 2.3.4 The SSS (or designee) shall notify the NRC when service is restored to the Station HPN via the NRC HPN Line, telephone number 301-951-1212.



S-EPMP-2 ATTACHMENT 2

Instructions for testing the New York State RECS Line is initiated from Nine Mile Point Emergency Facilities).

1. The person testing Nine Mile Point RECS Line will pick up receiver and depress ring button and release. After ten (10) seconds the person testing the RECS Line will announce.

THIS IS THE NINE MILE POINT (state location) CALLING ALL STATIONS.

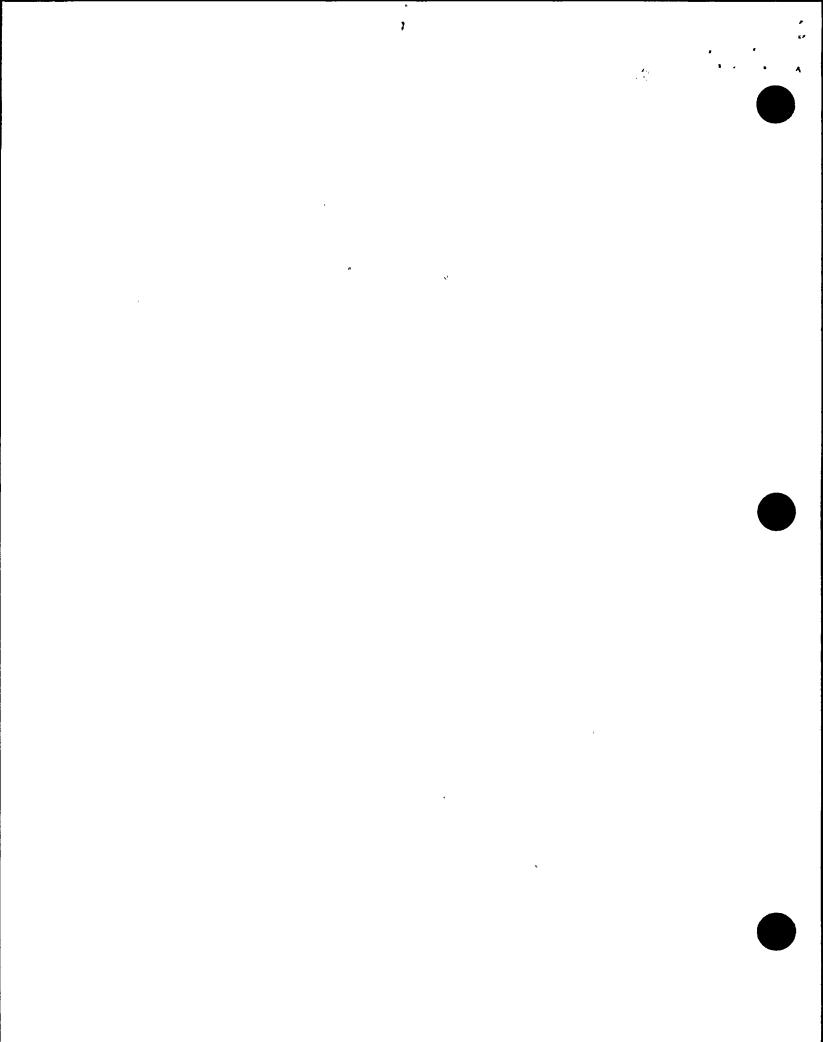
THE FOLLOWING IS A TEST OF THE RADIOLOGICAL EMERGENCY COMMUNICATION SYSTEM FROM THE NINE MILE POINT (state location). ALL STATIONS PLEASE STAND BY FOR A ROLL CALL. THIS IS A TEST.

ROLL CALL

NINE MILE POINT CONTROL ROOM #1.
NINE MILE POINT CONTROL ROOM #2
FITZPATRICK CONTROL ROOM
OSWEGO COUNTY WARNING POINT
OSHEGO COUNTY EOC**
EMO NYS CENTRAL DISTRICT**
NYS DEPT OF RADIOLOGICAL HEALTH
NYS DIVISION OF STATE POLICE
(ALTERNATE STATE WARNING POINT)
EMO NYS TECH RESOURCES
(STATE EOC)**
NYS WARNING POINT
EOF
AEOF
TSC

THIS CONCLUDES OUR TEST. THANK YOU VERY MUCH.

- 2. Record results of this test on the appropriate page of S-EPMP-2, Figure 40, "NMP Emergency Equipment Checklist".
- ** A recall of this station is not required if no answer is received.



1. OBJECTIVES

The objectives of the NMPNS Units 1 and 2 Emergency Accountability Drill are as follows:

- A. To evaluate compliance with EPP-5 and EPP-3 that all personnel card in when the emergency accountability announcement is made, and search/rescue is performed for missing personnel.
- B. To evaluate the timeliness of the accountability process.
- C. To test and evaluate the computerized key card accountability system.
- D. This drill is to be considered a training drill where Controllers may interject to correct player actions and to provide training to NMPNS personnel on the accountability process.
- E. To test the adequacy of the GAItronics "Merge" modification.

II. DATES, TIMES, PLACES, AND PARTICIPATING ORGANIZATIONS

A. Briefings

1. Date: April 30, 1991, Tuesday

Time: 0800 hrs.

Location: TSC (248' elevation)

Attendees: Designated Controllers/Observers

2. Date: April 30, 1991, Tuesday

Time: 0830 hrs.

Location: Unit 1 and Unit 2 Control Rooms

Attendees: Control Room Operations Staff and Control

Room Controllers

B. Drill

Date: April 30, 1991, Tuesday

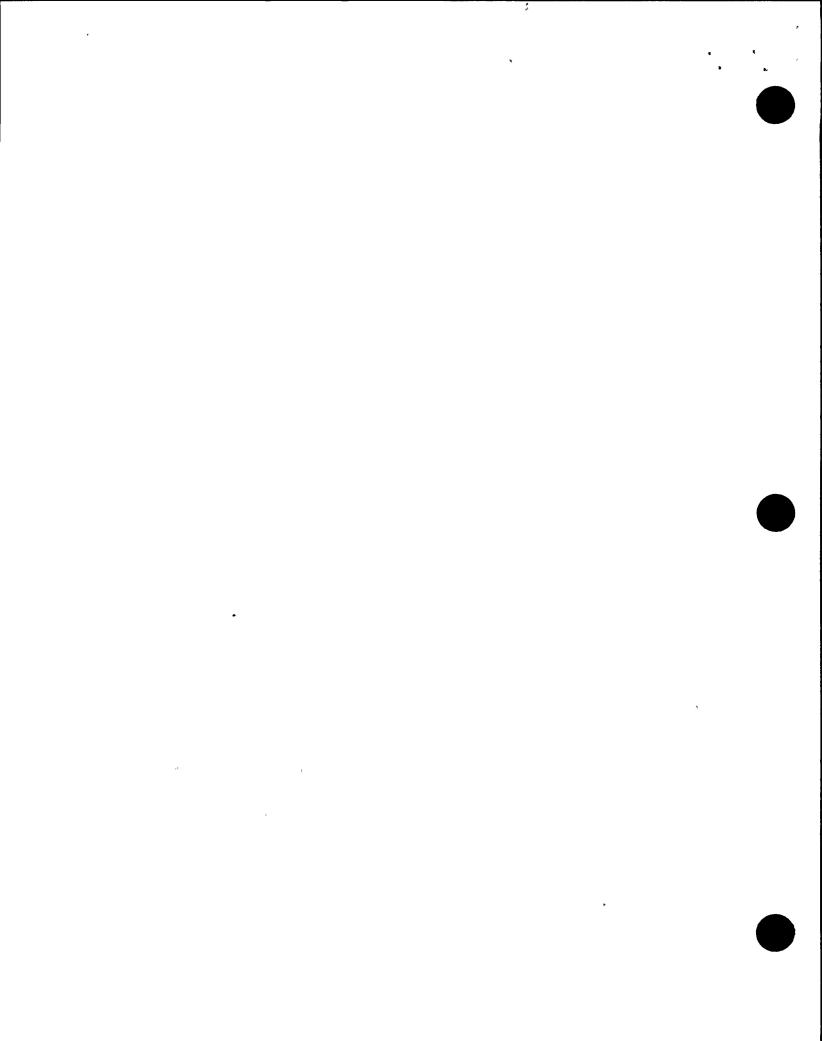
Time Begin: 0845 hrs.

Time End: The Lead Drill Controller will end the

drill when he receives word from other controllers that everyone in the controllers' respective areas have carded in. The Lead Drill Controller will be

located in the Unit 2 Control Room.

Location: NMPNS Unit 1 and Unit 2



Niagara Mohawk Power Corporation
Report Of The April 30, 1991 Station Evacuation/Emergency
Personnel Accountability Drill Conducted At
Nine Mile Point Nuclear Station

Executive Summary

An Station Evacuation/Emergency Personnel Accountability Drill was conducted on April 30, 1991 at the Nine Mile Point Nuclear Station. This drill was conducted to; Evaluate personnel compliance with station evacuation and search & rescue procedures, Evaluate the timeliness of the emergency personnel accountability process, test and evaluate the computerized key card emergency personnel accountability system, and test the adequacy of the recent GAItronic's "Merge" modification. In addition this drill was conducted such that personnel were allowed to return to work following card-in to minimize overall impact to the station via both personnel lost work time and cost. Indications are such that this drill method was determined to be adequate as shown by the few numbers (comparatively) of personnel who were on the "missing" list.

Several opportunities for improvement were noted during the conduct of this drill, most of which deal with the GAItronics system. Overall, however this drill was considered to be a success.

Drill Description

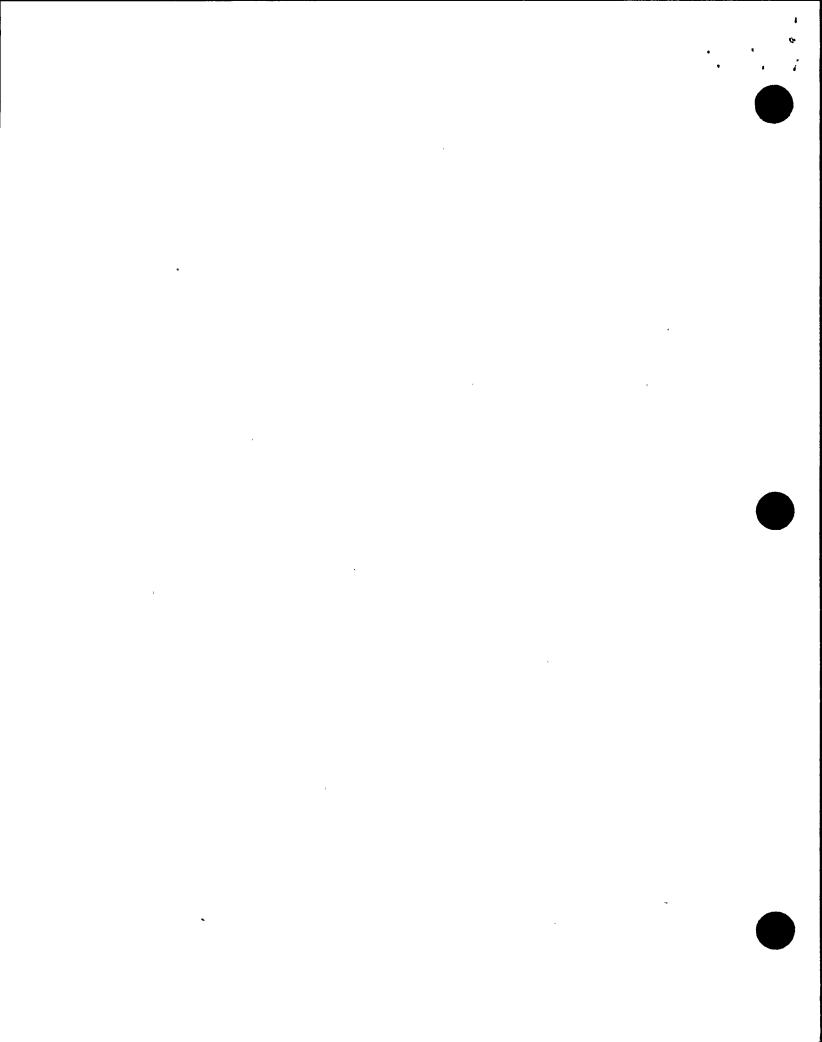
The scope of this drill included announcement/implementation of a precautionary station evacuation from the Unit 2 Control Room.

The Drill began at 0840 hours with a GAItronics announcement at Unit 2 using the newly modified "merge" function for all personnel at the station to report to their Evacuation Assembly areas, "cardin" and return to work. The drill was terminated at approximately 0915 hours following communication with the Accountability Coordinator that he had gotten the required computer printouts.

Scenario Discussion

This drill was of minimal impact to normal station operation and as such no real scenario existed for it. A copy of the complete scenario package is available in the Emergency Preparedness Branch's drill files for review.

The drill was observed by members of the station staff and the Emergency Preparedness Branch who acted as controllers in the control rooms as well as in all assembly areas. These observers were most helpful in their assessments and input and as such the Emergency Preparedness Branch extends it's appreciation to those who assisted in this endeavor.



A tabulation of the numbers of personnel carded in, missing, exempt etc. is contained on Attachment 1 of this report.

During an actual emergency personnel are required to report to a designated assembly area card-in and remain and that location until otherwise notified. In this drill all personnel were instructed to report immediately back to their normal work location. This was done to reduce the cost of this drill as requested via AVA idea #17. Accountability drills of this type historically lasted 2-3 hrs, with personnel remaining in the assembly areas not performing their duties for up to 3 hours. This drill, that time was reduced to approximately 15 minutes per individual, a total of 1 3/4 to 2 3/4 hours savings.

The Emergency Preparedness Branch intends to conduct all future drills/exercise in which accountability is exercised in this manner. Additionally personnel will be requested to refrain (where possible) from using/carding-in at any other card reader for approximately 15 minutes in order to reduce the number of "missing" individuals.

Strengths

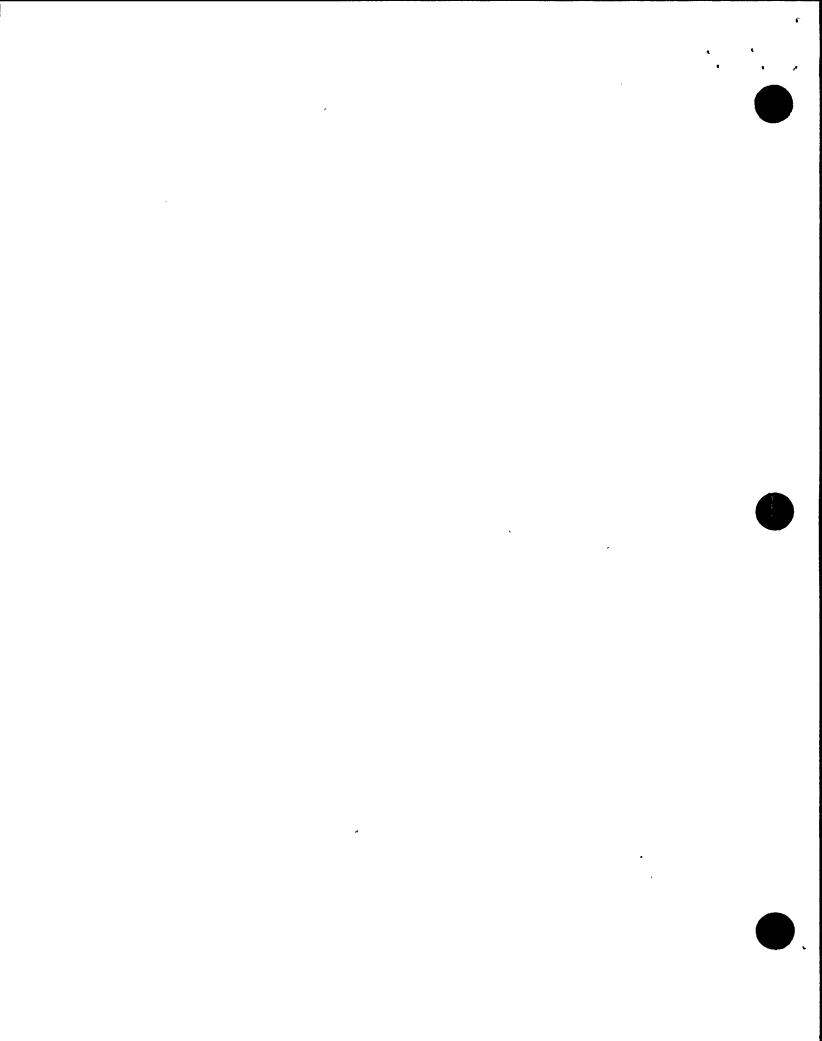
Several strengths were noted as a result of this drill. Personnel assigned to the GAItronics modification project were present during the pre-brief, conduct and post critique of this drill allowing them to receive first hand reports on the adequacy of the modification. The short time duration of this drill along with the ability of personnel to return to work following card-in minimized lost time on work projects, minimal interference on operation of the two units and substantially reduced the "cost" for this drill. Additionally the team work displayed by member of the Nuclear Staff acting as controllers and their supervisor's support made conducting this drill a great deal easier.

Opportunities For Improvement

The following is a compilation of comments received and indicate opportunities for improvement. These issues are being forwarded to the appropriate department for disposition.

<u>Item</u>	<u>Disposition</u>	<u>Status</u>
1. Accountability Card Reader in the Southwest corner of the "K" Building is in an obscure out of the way location.	D. Howes to investigate the relocation of furniture to allow more accessibility. Target Date 5/30/91.	Complete

Not Required Item forwarded to W. Adams No GAItronics speaker in for review/correction via the L Building 2nd floor this report. Computer Room.

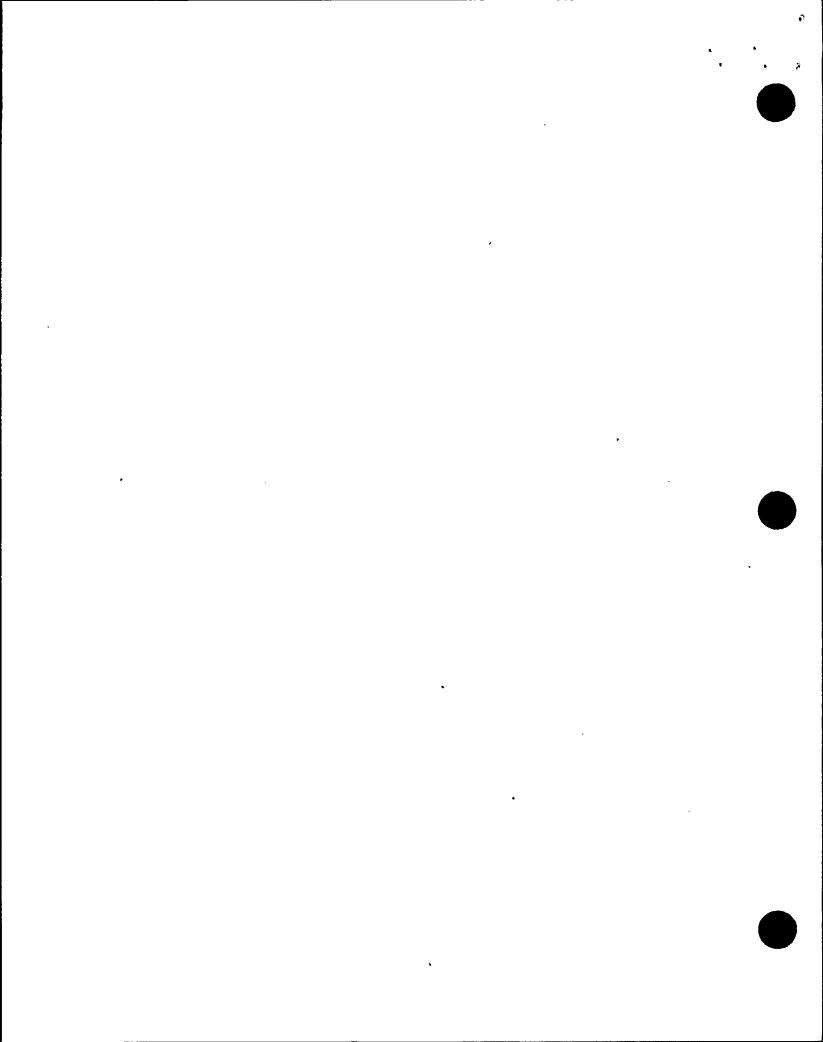


	<u>Item</u>	<u>Disposition</u>	<u>Status</u>
3.	GAItronics announcements in the K Bldg West end not clear.	Item forwarded to W. Adams for review/correction via this report.	Complete
4.	Unable to hear GAItronics announcements behind U-1 screenhouse.	Item forwarded to H. Wysocki for review/correction via this report.	Plant Change Req. Written
5.	Signs for Accountability Card Readers do not command adequate attention.	D. Howes to revise sign configuration/coloration. Target Date 7/31/91.	D. Howes to make new signs.
6.	Sending personnel back to work versus remaining in the assembly area could teach bad habits . (negative training).	This item has been addressed via a site distribution memo (post-drill) stating the necessity to remain at the assembly area until notified otherwise.	
7.	Accountability Coordinator's phone numbers should be listed in scenario.	Drill Coordinator will ensure this is done next drill.	Complete
8	A safety hazard exits with card readers on both sides of a door at the 277' El. U-1 Admin Bldg Assembly Area.	Item forwarded to D. Arnold U-1 Safety Dept via this report.	Complete
9.	Card readers to 277' El. U-1 Admin Bldg Assembly area experienced numerous false readings.	Item forwarded to Security for review/correction via this report.	Corrected
10.	GAItronics announcements are hard to hear on the 1st floor of the L Bldg	Item forwarded to W. Adams for review/correction via this report.	Corrected
11.	Unable to hear the GAItronics announcements in the Unit 2 time alley.	Item forwarded to W. Adams for review/correction via this report.	Speaker to be installed per mod. 87-038

Item forwarded to H. Wysocki for review/correction via this report.

Corrected

12. Unable to hear GAItronics announcements outside the U-1 Admin Bldg.



|--|

Item

<u>Disposition</u>

Status

13. Some personnel left one assembly area to card in at another assembly area. This should be clarified.

Item forwarded via this report to D. Howes for inclusion into the next revision to EPP-5 that the intent is to card in at the nearest assembly area and remain there until otherwise instructed.
TARGET DATE 7/31/91.

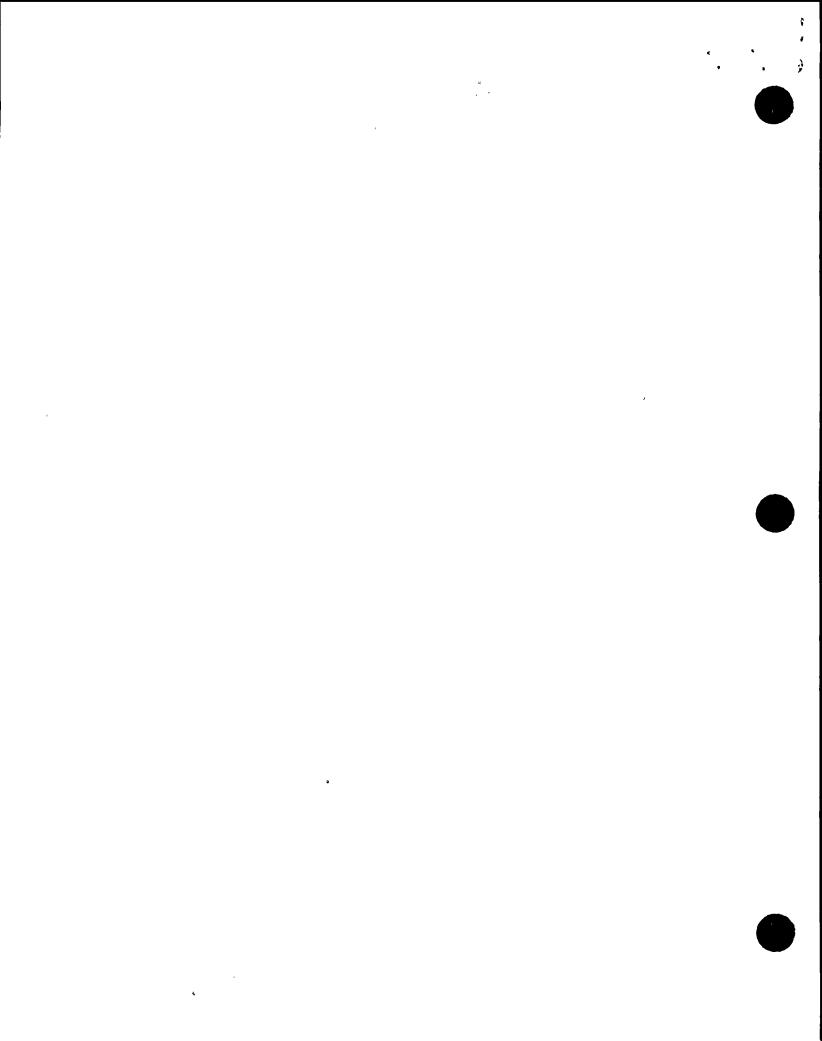
Will be included in next Rev. of EPP-5

Summary

Based on the information contained in this report, reports made at the post drill critique, discussions with the controllers, and the satisfactory completion of all drill objectives it can be concluded that this drill was successful.

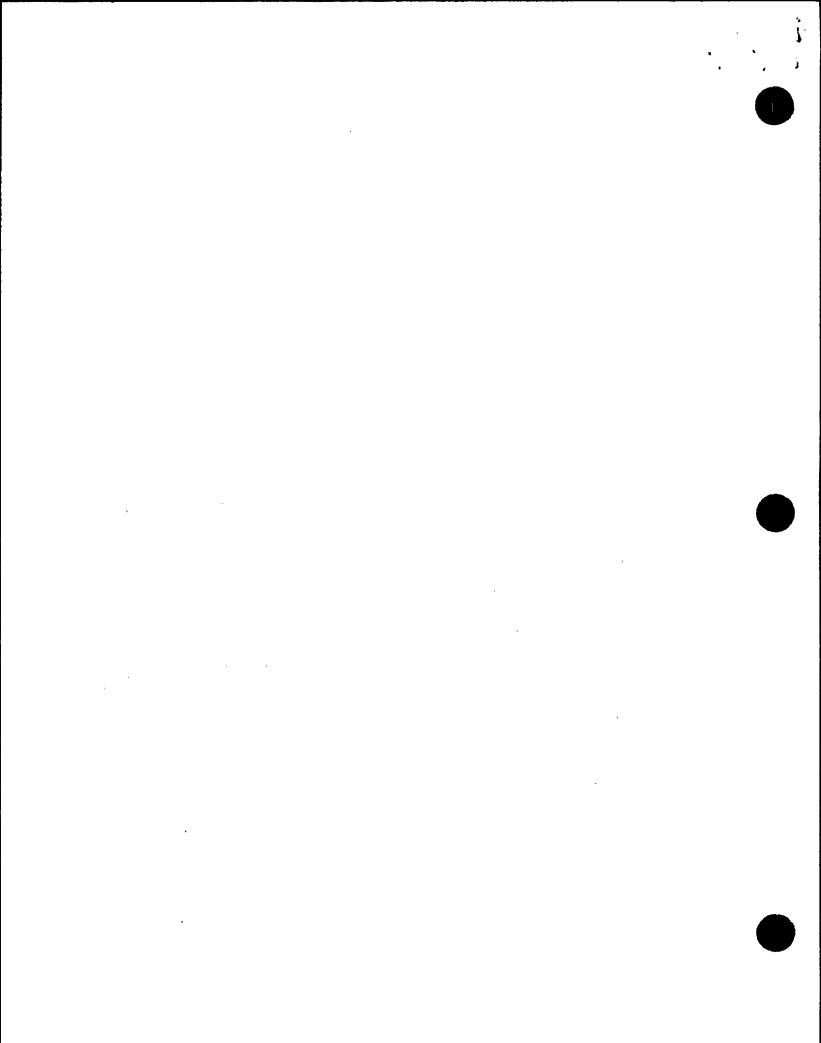
The Emergency Preparedness Branch intends to increase its review of the potential for negative training on drills in which personnel are allowed to return to work following card-in, in the future.

	•	
Submitted By:	J. J. Kaminski Program Director Drills & Exercises	Date:
Approved By:	A. M. Salemi Director Emergency Preparedness	Date:



The objectives which Niagara Mohawk Power Corporation will demonstrate during the conduct of the Nine Mile Point Nuclear Station Annual Off-Site Fire/Medical Drills are:

- 1. Meet the periodic fire and medical emergency drill requirements of Nine Mile Point Nuclear Station procedure EPMP-4.
- 2. Provide training to Niagara Mohawk Power Corporation emergency personnel relative to their respective emergency functions through active participation in this drill.
- 3. Provide training to Oswego Fire Department Ambulance and Oswego Hospital personnel relative to the care and transport of a contaminated injured person through active participation in this drill.
- 4. Demonstrate the ability of appropriate NMPNS personnel to respond to a simulated fire and radiological medical emergency at Nine Mile Point Nuclear Station.
- 5. Demonstrate proper first aid and contamination control techniques by NMPNS Fire Department and other medical emergency response team members.
- 6. Demonstrate the timely and accurate communications among emergency response personnel.
- 7. Demonstrate the assessment and documentation of radiological conditions during the simulated medical emergency.
- 8. Use correct priorities and appropriate techniques in first aid, pre-hospital, and hospital emergency care.
- 9. Demonstrate the treatment of a contaminated injured person while maintaining proper contamination control by Oswego Fire Department Ambulance and Oswego Hospital.
- 10. Use correct priorities and appropriate techniques in exposure and contamination control at the accident site, during victim transport, and during hospital care.
- 11. Demonstrate the ability to work as a team with a cooperative effort between plant, off-site fire, ambulance, and hospital personnel.
- 12. Demonstrate the ability to maintain control of the emergency situation through the use of incident command.



2.0 OBJECTIVES (Cont)

- 13. Demonstrate the ability of NMPNS Unit 2 Fire Department Chief to coordinate both on-site and off-site fire organizations during an emergency situation.
- 14. Demonstrate the coordination required between both onsite organizations and off-site fire organizations during an emergency situation.
- 15. Demonstrate adequate communications among the NMPNS Fire, Operations, Radiation Protection, and Security Departments and Off-Site Fire Department to ensure and maintain safe operation of NMPNS Unit 2.
- 16. Demonstrate that the Community Alert Network can make timely off-hours emergency notifications to site and other NMPC personnel.
- 17. Identify potential performance problem areas associated with timely emergency notifications including telephones, pagers, personnel readiness/cooperation, etc.
- 18. Confirm the response times criteria in S-EPMP-5 are able to be satisfied.
- 19. Prove the effectiveness of each NMPC Department's system for secondary callout.

FEMA OBJECTIVE

Objective 21 (24): Medical Services - Facilities

Demonstrate the adequacy of the equipment, procedures, supplies, and personnel of medical facilities responsible for treatment of contaminated, injured, or exposed individuals.

