CAC DEPT ROUTING

NAVDENCLINIC CAMP LEJEUNE NO

C/S FAC

ONST COORD

CG SECOND ESSG.

CG II MAF

INFO ACTION COPY INTIA

TINE

R 111421Z MAR 87

FM CG MCB CAMP LEJEUNE NC

TO CG SECOND MARPIV
CG SIXTH MAB
NAVHOSP CAMP LEJEUNE NC

INFO MCAS NEW RIVER NC

UNCLAS //N06280//

SUBJ: DISPOSAL OF USED WET CELL BATTERIES AND RELATED ELECTROLYTE

A. BD 6240.5A

1:1

1. THE PURPOSE OF THIS MSG IS TO PROVIDE REVISED GUIDANCE FOR SUBJ DISPOSAL. EFFECTIVE IMMEDIATELY THE FOLLOWING ACTION WILL BE TAKEN TO ENSURE COMPLIANCE WITH STATE AND FEDERAL HW REGULATIONS.

A. USED ELECTRULYTE DRAINED FROM BATTERIES SHALL BE MANAGED AS HW IAW THE REF. THE ELECTROLYTE SHALL BE DISPOSED OF IAW THIS MSG

THIN 90 DAYS OF THE DATE DRAINED FROM BATTERY.

B. DRAINAGE OF INTACT, NONLEAKING BATTERIES IS PROHIBITED WITHOUT THE SPECIFIC WRITTEN APPROVAL OF THE COGNIZANT HAZARDOUS MATERIAL
"SPOSAL COORDINATOR (HMDC). LOCATIONS WHERE BATTERIES ARE DRAINED
HAZARDOUS WASTE GENERATION SITES. LOCATIONS WHERE USED ELECTROLICE DRAINED FROM BATTERIES IS STORED ARE HW ACCUMULATION AREAS.
BOTH TYPES OF LOCATIONS ARE SUBJECT TO PERSONNEL TRAINING REQUIREMENTS OF THE REF. ACCUMULATION AREAS ARE ALSO SUBJECT TO WEEKLY INSPECTION REQUIREMENTS OF THE REF. FACILITIES USED FOR STORAGE OF
BATTERIES AWAITING DISPOSAL THROUGH THE DEFENSE REUTILIZATION AND
MARKETING OFFICER (DPMO) ARE NOT REGULATED BY THE REF UNLESS ALSO
USKO FOR HANDLING OF OTHER TYPES OF HW.

C. BATTERIES SHALL BE STORED UPRIGHT AT ALL TIMES.

DLVR:CG SIXTH MAP(6)...ACT
DLVR:NAVDENCLINIC CAMP LEJEUNE NC(4)...ACT
DLVR:NAVHOSP CAMP LEJEUNE NC(4)...ACT

NREA(2)...DRIG FOR CG MCB CAMP LEJEUNE(109)

BTMD(1) BFAC(1) BSJA(1) BCDS(1) BCED(1) DICB(1) SSTF(85) DRMD(1)

FMSS(1) BITS(1) MCES(1) MCSS(4) BRSU(1) RRDT(1) SPBN(4) HQBN(1)

CEDA(1)

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Same and the same a

the state of the s D. FACILITIES WHERE BATTERIES ARE DRAINED AND WHERE CONTAINERS USED ELECTROLYTE ARE STORED ARE REQUIRED TO HAVE HW SPILL CONTIN-GENCY PLANS POSTED.

2. BATTERY DISPUSAL PROCEDURES:

CAREFULLY INSPECT ALL BATTERIES REQUIRING DISPOSAL AND

SEGREGATED INTO "LEAKING" AND "NONLEAKING" LOTS.

NUNLEAKING RATTERIES SHALL BE STACKED ONE LAYER HIGH ON WHEN PALLET IS FULL, THE BATTERIES WILL BE COVERED WITH A PALLETS. SHEET OF 3/4" PLYWOOD THE SIZE OF THE PALLET. PLYWOOD AND BATTERIES SHALL BE SECURED TO PALLETS WITH BANDING MATERIAL.

C. FULL PALIETS OF BATTERIES WILL BE TURNED IN TO THE DRMD PER THE REF AS A HAZARDOUS MATERIAL (HM). GEFER ANY QUESTIONS REGARDING THESE PROCEDURES TO THE COGNIZANT HAZARDOUS MATERIAL DISPOSAL OFFICER

. (CGMH)

LEAKING BATTERIES WILL BE IMMEDIATELY DRAINED INTO DEPT OF TRANSPORTATION APPROVED CONTAINERS. DRAINED BATTERIES WILL BE STURED UPRIGHT, ONE LAYER HIGH ON PALLETS. BATTERIES WILL BE COVERED WITH A SHEET OF PLYWOOD TO PREVENT ACCUMULATION OF RAIN WATER. BATTERIES WILL BE INSPECTED WEEKLY TO ENSURE PROPER STORAGE. PALLET IS FULL, BIND PLYWOOD AND BATTERIES TO PALLET SECURELY WITH BANDING MATERIAL AND TURN IN TO DRMC AS A HM PER THE REF.

KEEP ELECTROLYTE STURAGE CONTAINERS TIGHTLY SEALED AT ALL

TIMES WHEN NOT DRAINING THE BATTERIES. PLACE A PROPERLY

COMPLETED HW LABEL ON THE CONTAINER LAW THE REF PRIOR TO COMMENCING ENSURE THAT "CORRUSIVE" LABELS ARE USED TO WARN OF HAZARD

PERSONNEL SAFETY.

BE SURE THAT ACCUMULATION START DATE IS CLEARLY SHOWN ON EACH HW LABEL. NOTIFY COGNIZANT HMDO WEEKLY OF THE NUMBER OF CON-TAINERS OF ELECTROLYTE ON HAND WHICH ARE FULL OR WHICH HAVE ACCUMULA-TION START DATES WHICH ARE 45 DAYS OLD OR OLDER.

INSPECT CONTAINERS ON A WEEKLY BASIS IAW THE REF. MAINTAIN A WRITTEN LOG WHICH PROVIDES DATE OF INSPECTION, THE PERSON CONDUCT-ING INSPECTION, PROBLEMS FOUND AND CORRECTIVE ACTION TAKEN. HMDD'S

WILL FURNISH PROPER FORMS FOR MAINTAINING LOG.

BATTERY DRAIMING ACTIVITIES AND RELATED INSPECTIONS WILL BE PERFORMED BY OR UNDER DIRECT SUPERVISION OF HW HANDLERS HAVING PRO-PERLY DOCUMENTED HW TRAINING IAW WITH THE REF. HMDD'S WILL MONITOR ADEQUACY OF HW TPAINING AND DOCUMENTATION CONTINUOUSLY.

HW SPILL CONTINGENCY PLANS WILL BE CONSPICUOUSLY POSTED AT EACH LOCATION USED FOR THE DRAINAGE OF USED BATTERIES OR FOR THE STORAGE OF USED FLECTROLYTE. HMDU'S WILL FURNISH GUIDANCE. PERSON-NEL WILL BE EQUIPPED AND TRAINED TO RESPOND TO SPILLS OF ELECTROLYTE SAFELY.

TRANSPORTATION OF USED BATTERIES (DRAINED OR UNDRAINED) IS

NOT REGULATED BY THE REF. YOU MAY TPANSPORT AS REQUIRED.

CONTAINERS OF USED ELECTROLYTE WILL BE TURNED IN TO DRMO AS A HAZARDOUS WASTE PEP THE REFERENCE.

DISPOSAL BY FRMD CONTRACTOR WILL BE DONE UNTIL SUCH TIME AS

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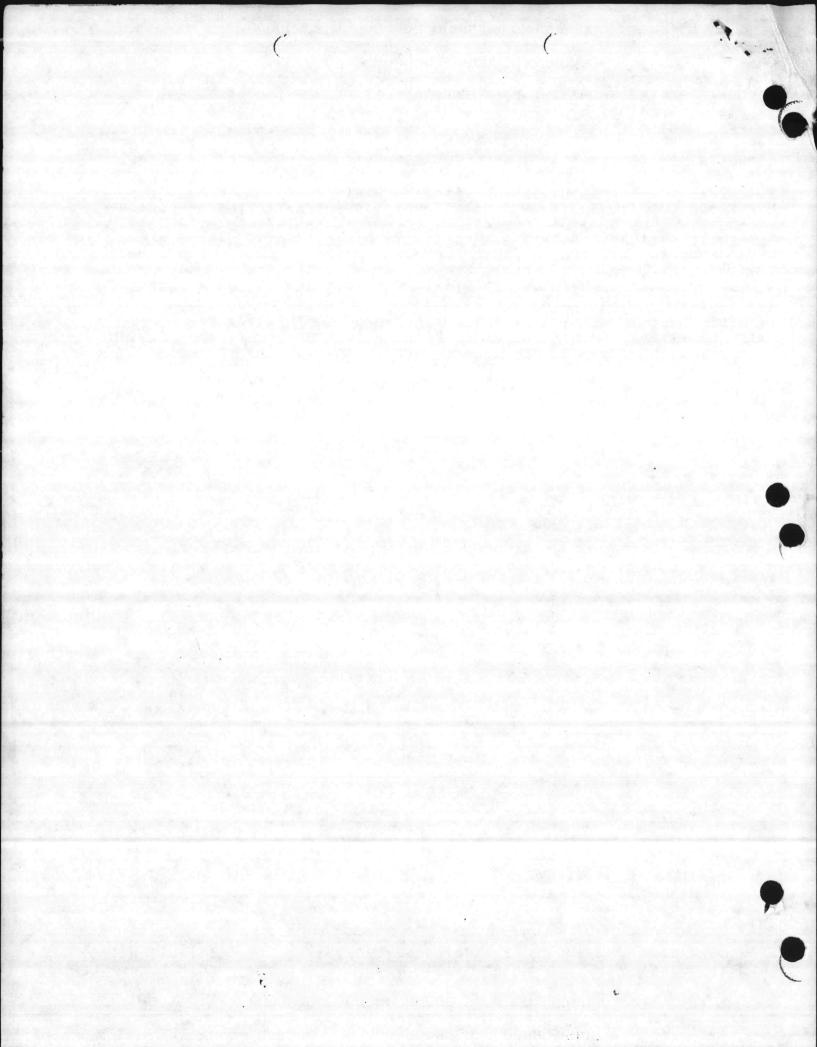
DEQUATE PRETREATMENT AND DISPOSAL FACILITIES MEETING STATE AND DERAL REGULATORY AND PERMIT REQUIREMENTS CAN BE DESIGNED AND IN-ALLED. DISPOSAL THROUGH SANITARY SEVER WILL BE USED ONLY IN THE EVENT OF EMERGENCY. DRMO, BMO AND NREAD WILL COOPERATE IN ENSURING ADEQUATE SERVICES ARE AVAILABLE TO ACCOMPLISH THE SUBJECT DISPOSAL.

- 4. ADDRESSES ARE REQUESTED TO TAKE IMMEDIATE ACTION TO LIMIT THE NUPBER OF LOCATIONS WITHIN THEIR COMMANDS WHERE BATTERIES ARE DRAINED AND ELECTROLYTE IS ACCUMULATED. TECHNICAL ASSISTANCE WITH THIS MATTER IS AVAILABLE FROM THE BASE SAFETY OFFICER; DIR, NREAD; BASE FIGE CHIEF AND THE PUBLIC WORKS OFFICER.
- 5. QUESTIONS REGARDING IMPLEMENTATION OF THIS MSG SHOULD BE REFERRED TO THE COGNIZANT HMDO FOR RESOLUTION. UNRESOLVED QUESTIONS AND ISSUES SHOULD BE REFERRED VIA COGNIZANT HMDC TO THE DIR, NREAD, EXTS 2083/2195. HMDC'S AND DIR, NREAD, WILL COOPERATE IN RESOLUTION OF SIGNIFICANT ISSUES. POC IS MR. DANNY SHARPE, NREAD, EXT. 2083.

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DMINISTRATIVE HESSAGE

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M CG MCP CAMP LEJEUNE: NC

O CG II MAF
G SECOND MARDIV
AVHOSP CAMP LEJEUNE NO

NEO MCAS MEW RIVER MC

NCLAS //NO6240//

UBJ: MANDATORY TIME LIMITATIONS FOR HAZARDOUS WASTE STORAGE

. 30 6240.5A

. NCAC, 10F, NC HW MAT KILES

THE PURPOSE OF THIS MSG IS TO ENSURE COMPLIANCE WITH THE SUBJIMITATIONS IMPOSED BY STATE AND FEDERAL HAZARDOUS WASTE (HW) REGS PPLICABLE TO THE IMPLEMENTATION OF PEE (A). THIS MSG DOES NOT APPLY O ACAS NEW RIVER.

A. FXCEPT AS PROVIDED IN PAR (8) OF SEC 262.34 OF RULE .0030

FREE (R), ADDRESSEES MAY NOT ACCUMILATE HW ON-SITE FOR OVER 90 DAYS NLESS A PERMIT OR IMTERIM STATUS IS OBTAINED. THIS MEANS THAT HW EING COLLECTED AND/OR STORED PER REF (A) MUST BE PHYSICALLY TRANS-ERRED TO A PROPERLY PERMITTED HW TREATMENT, STORAGE OR DISPOSAL ACILITY (TSOF) WITHIN 90 DAYS OF THE DATE GENERATED. AS OF THIS ATE, THE ONLY TSDE ABOARD CAMP LEJEUNE AUTHORIZED FOR STORAGE OF HW FIER 90-DAY TIME LIMIT, IS THE DEFEMSE PEUTILIZATION AND MARKETING FEICE FACILITY (DRMO) AT THE TP-451/TP-463 COMPLEX.

EVR:CG SIXTH MAB(7)...ACT EVR:NAVHOSP CAMP LEJEUNE MC(4)...ACT EVK:DRMD CAMP LEJEUNE MC(4)...ACT

REA(2)...DRIG FOR CO MCP CAMP LEJEUNE(118) /13/ BFAC(1) DICB(1) BCUS(1) CEDA(1) BSDN(1) DCDR(14) GSTF(12) SSTF(85)

-4(2)...ACT FOR CG T1 mAF(4)
CFU(1) S-S(1)

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DATE :DEC 0 8 1987

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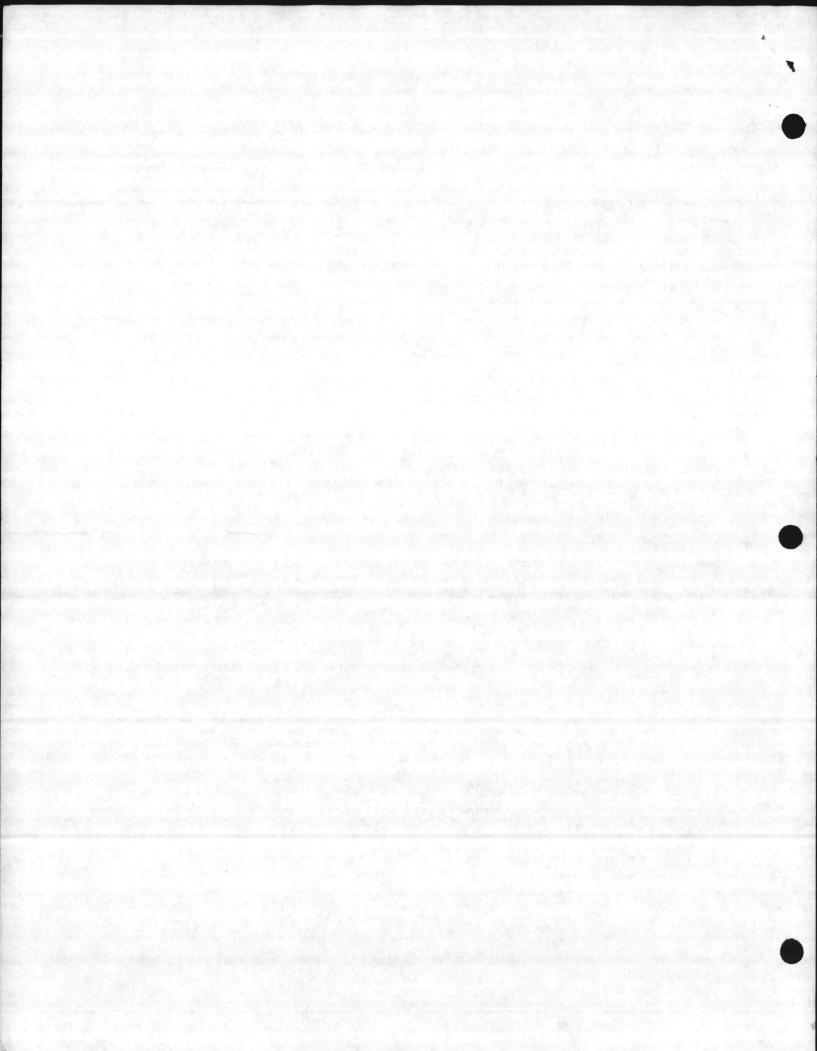
DENO CAMP LEJEUNE NO

CG SIXTH MAB

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- B. UNLESS SPECIFICALLY AUTHORIZED BY THE CG, MCB, IN WRITING, SHALL DNLY BE STORED IN CONTAINERS MEETING REQUIREMENTS SPECIFIED PAR 2P, EUCL (1) OF KEF (A).
- C. AS A MINIMUM, FACH CONTAINER SHALL BE MARKED WITH THE FOLLOWIG AT THE TIME USED FOR STORAGE OF HW:
 - (1) THE WORDS "HAZARDOUS . WASTE";
- (2) THE DATE ACCUMULATION OF HW PEGAM, I.E., "ACCUMULATION ART DATE";
- (3) THE IDENTITY OF THE MW, I.F., CHEMICAL OR NOUN NAME, DOT IPPING NAME, AND IF AVAILABLE, THE NSM.

 PROPERLY COMPLETED HW LASEL EQUIVALENT TO THOSE PREVIOUSLY PROVIDE TO HAZARUGUS MATERIAL DISPOSAL COORDINATORS (HMDC) SATISFIES REUREMENTS OF THIS SECTION.

THE FOLLOWING STANDARDS ON TIME LIMITS FOR PREPARATION OF HW IRN-IN POCUMENT(S) AND PROCESSING HW TUPN IN S ARE EFFECTIVE IMME-ATELY.

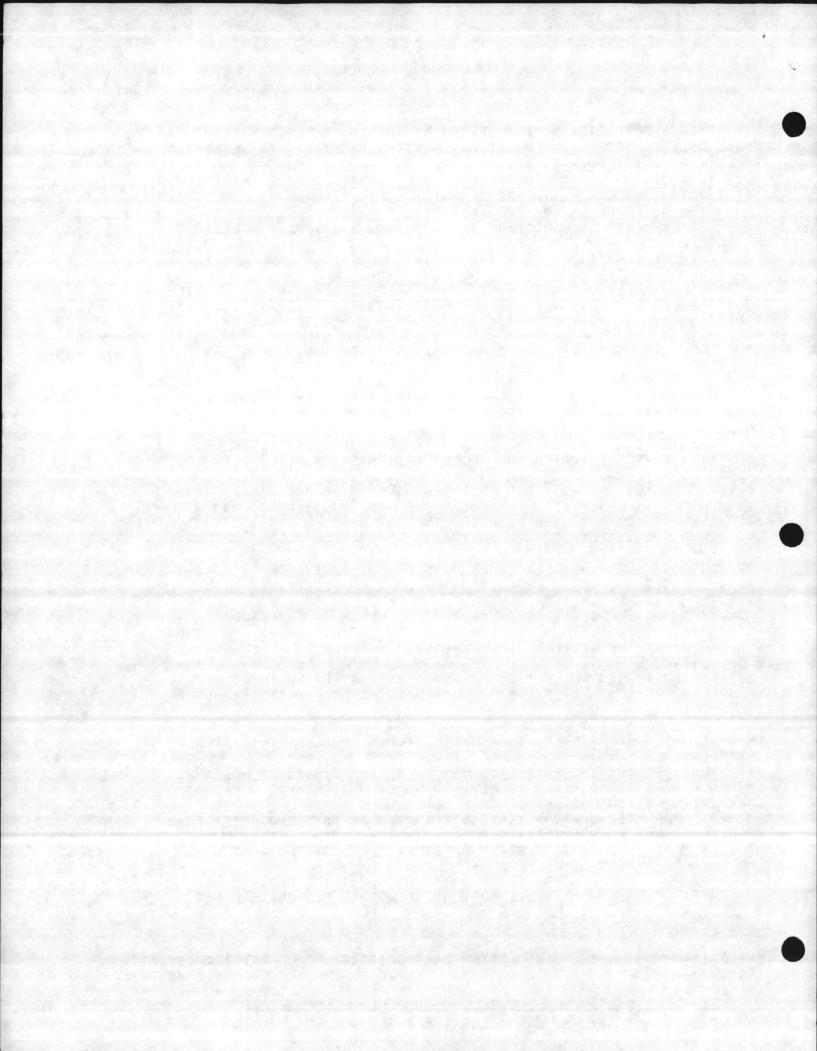
- A. FORM OF 1346-1 SHALL BE PREPARED AND SUBMITTED TO COGNIZANT ZARDOUS MATERIAL DISPUSAL OFFICER (HMDO) NLT THE EARLIEST OF THE LLOWING:
- (1) TEN CALEMDAR DAYS DE THE DATE CONTAINER IS FILLED DR;
 (2) BY 45 DAYS AFJER THE "ACCUMULATION START DATE" EVEN IF
- P. HMCD SHALL PODCESS FORM DO 1349-1 SUMMITTED PER PAR 34 ABOVE ACCORDANCE WITH ENGL (1) OF REF (A) AND HAND DELIVER TO DRMD WITH-FIVE CALENDER DAYS OF THE DATE RECEIVED BY HMDD.
- C. DRMO SHALL PROCESS FORM DD 1348-1 AND EITHER ACCEPT ACCOUNT-ILITY FOR THE MW, DR PROVIDE HMDO MITH A WRITTEN REJECTION SPECIFY-IG DEFICIENCIES WITHIN 10 CALENDAR DAYS OF THE DATE FORM DD 1348-1 RECEIVED BY DRMO. ORMO-SHALL PROVIDE COPY OF REJECTION NOTICE TO GNIZANT HERC, AND DIRECTOR, NREAD, TO SECONDARY
- TO DEMO SHALL REQUEST, AC/S LOG TO PICK UP HW AND TRANSPORT TO HAST/TP-463 COMPLEX. DRMD WILL SURMIT REMIEST WITHIN FIVE CALENDAR YS AFTER DATE DRMD ACCEPTS ACCOUNTABILITY FOR THE HW BY SIGNING RM OD 1344-1.
- E. AC/S LOGISTICS SHALL PICK UP AND TRANSPORT HW TO TP-451/TP-3 COMPLEX WITHIN TEN CALENDAR DAYS OF DATE DRMO REDUESTS TRANSPOR-TION.

THE FOLLOWING REPORTS AND INTERNAL CONTROLS SHALL BE INITIATED MEDIATFLY:

- A. COMMANDERS HAVING PHYSICAL CUSTODY OF CONTAINERS OF HW, SHALL NITOR ALL HW STORAGE AREAS WEEKLY AND SHALL NOTIFY HMDC VIA CHAIN COMMAND IN WRITING OF ANY CONTAINERS ON HAND THAT:
- (1) HAVE ACCUMULATION START DATES OVER 50 DAYS OLD AND A FORM -1348-1 HAS NOT BEEN SUBMITTED TO DRMD;
- (2) HAVE ACCUMULATION START DATES OVER 60 DAYS OLD AND DRMD S NOT ACCEPTED ACCOUNTABILITY; OR
 - (3) HAVE ACCUMULATION START DATES OVER 75 DAYS OLD.
- B. CHMMANDERS WITH PHYSICAL CUSTODY OF HW ARE RESPONSIBLE FOR

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INITIATING CORRECTIVE ACTION IN EACH INSTANCE WHERE DRMO HAS NOT ACCEPTED ACCOUNTABILITY MITHIN 60 DAYS AFTER ACCUMULATION START DATE.

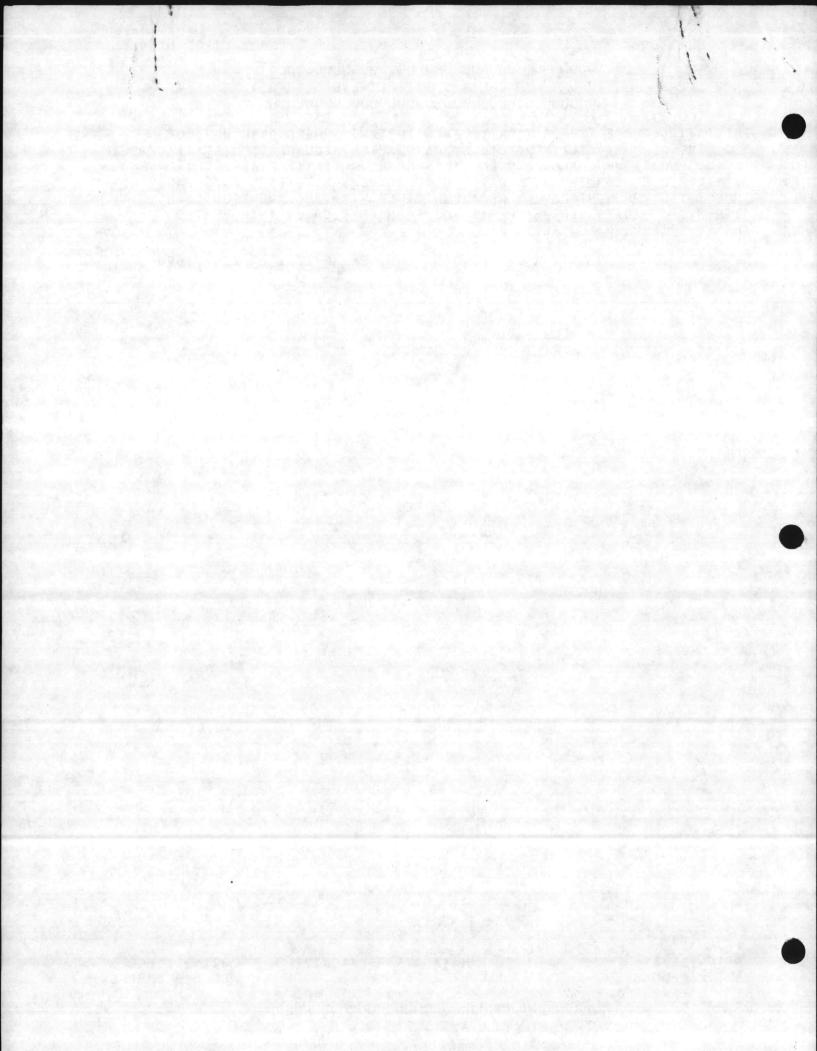
C. HADC, DRMO AND AC/S LOG REPS SHALL NOTIFY THE DIRECTOR, NREAD
BY TELEPHONE, CONFIRMED IN WRITING TO CG MCB, ATTENTION AC/S FAC,
IMMEDIATELY UPON DISCOVERY OF A CONTAINER WITH ACCUMULATION START
DATE OVER 75 DAYS OLD WHICH HAS NOT REEN PHYSICALLY TRANSPORTED TO
THE TP-451/TP-403 COMPLEX.

5. PUC WITH THIS MATTER IS MR. DANNY SHARPE, NREAD, EX 2083/1690 OR 2195.

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ROUTINE

R 2201362 JAN 87

FM CG SECOND MARDIV

TO SECOND MARDIV

INFO CMC WASHINGTON DC CG FMFLANT CDRCERCOM FT MONMOUTH NJ//DRSEL SF//

BT UNCLAS //N03900//

FOR COMMO, HAZARDOUS MATERIAL O; INFO: CG FMFLANT FOR CEO, SCIENCE ADVISOR SUBJ: BATTERY BA 5590 SAFETY OF USE

- CDR CECOM MONMOUTH NJ 131305Z MAR &&
- CG SECOND MARDIY 241600Z DEC &6 (NOTAL) B.
- REF (A), RECOMMENDED THE REMOVAL OF THE VENT VALVE AND SCREEN ON THE BATTERY BOX ZAIJ UNTIL THE POTENTIAL HAZARD OF USE OF THE

DLYR: SECOND CBTENGRBN(7) ... ACT DLVR:SECOND ASLTPHIBBN(10)...ACT DLVR:SECOND LAYBN(4) ... ACT DLVR: THIRDBN SECOND MAR(1) ... ACT DLVR:EIGHTH MAR(1)...ACT DLVR:SECOND MAR(1)...ACT DLYR : TENTH MAR(1) ... ACT PAS DLYR: HQBN SECOND MARDIY(&) ... ACT DLVR:SECOND TKBN(L) ... ACT DLVR:SECONDBN TENTH MAR(1)...ACT DLVR:FIRSTBN TENTH MAR(1)...ACT DLVR:SECOND RECONBN(7) ... ACT DLVR:FIFTHBN TENTH MAR(1)...ACT DLVR:SECONDBN SIXTH MAR(1)...ACT DLVR:THIRDBN TENTH MAR(1) ... ACT DLVR: THIRDBN FOURTH MAR(1) ... ACT DLVR:FIRSTBN SECOND MAR(1)...ACT DLVR:SECONDBN SECOND MAR(1)...ACT DLVR: FOURTHBN TENTH MAR(1) ... ACT

DCEO(1)...ORIG FOR CG SECOND MARDIV(4) DC-S(2) DADJ(1)

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> UNCLASSIFIED

BA-5590 IN THE KY-57-1 COULD BE EVALUATED.

- 2. REF (B) REPORTED A VIOLENT RUPTURE OF A BA-5590 LITHIUM BATTERY THAT OCCURED RECENTLY IN THE COMM SECTION OF A DIVISION UNIT. THE BATTERY WHICH WAS AN OLDER LOT NUMBER (11-81) WAS CONSTRUCTED WITH A CARDBOARD CASING. IT APPEARS THAT A CELL NEAR THE TOP OF THE BA-5590 RUPTURED AND CAUSED THE CASING OF THE BA-5590 TO EXPAND AND COVER THE VENT VALVE OPENING. THE VIOLENT ERUPTION BLEW A HOLE (APPROXIMATELY 3/4 "BY 3/4") OUT OF THE ZAIJ JUST ABOVE THE VENT VALVE OPENING. THE ERUPTION ALSO CAUSED THE ZAIJ TO SEPARATE FROM THE KY-57-1. THE KY-57 SUFFERED NO EXTERNAL PHYSICAL DAMAGE OTHER THAN SOME RESIDUE ON THE MATING SURFACES. THERE WERE NO PERSONNEL INJURIES.
- 3. TO PRECLUDE ANY ADDITIONAL ACCIDENTS, OLDER (PRIOR TO 1983)
 BA-5590 BATTERIES CONSTRUCTED WITH CARDBOARD CASING WILL NOT BE USED
 BY DIVISION UNITS. ONLY THOSE BATTERIES CONSTRUCTED WITH PLASTIC
 LIKE CASING WILL BE USED.
- 4. BA-5590 BATTERIES CONSTRUCTED WITH THE CARDBOARD CASING SHOULD BE IMMEDIATELY REMOVED FROM SERVICE AND DISPOSED OF IAW DRMO AND DIVISION PROCEDURES AS USED BATTERIES.
- 5. POC THIS HQ IS MGYSGT NOGAST (AV) 484-1500/1907. BT

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