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		ACT	IRIG			DATE - TIME	MONTH	YR		
01 OF 05		PP	IF			30 03 02	MAY	72		

MESSAGE HANDLING INSTRUCTIONS

FROM: USDOE ENHETAK MI

TO: USDOE LAS VEGAS NV

INFO: USDOE GERMANTOWN MD

UNCLAS NONWD

ROGER RAY SENDS TO BRUCE CHURCH INFO T. F. MCCRAW

SUBJECT: CONTAMINATED BUNKERS

1. THE BUNKER QUESTION ARISES AS FOLLOWS:

PAR 11, PAGE C-2 - C-12 OF THE OPLAN PROVIDES DECONTAMINATION CRITERIA FOR CLEANUP EQUIPMENT AND PROVIDES THAT "ANY EQUIPMENT WHICH CANNOT BE DECONTAMINATED . . . WILL BE . . . DISPOSED OF AS CONTAMINATED DEBRIS". THIS REFERENCE HAS BEEN USED AS THE BASIS FOR CON- DEMING A NUMBER OF LARGE REINFORCED CONCRETE BUNKERS, SOME OF WHICH HAVE ALREADY BEEN DEMOLISHED, THE RUBBLE BEING LAGOON DUMPED.

2. THERE REMAIN SEVERAL BUNKERS, ORIGINALLY DETERMINED TO BE "UN- CONTAMINATED" WHICH NOW HAVE BEEN DETERMINED TO EXCEED THE BETA CRI- TERION. ONE OF THESE IS IN CLOSE PROXIMITY TO THE ENJEBI FARM AND ITS EXPLOSIVE DESTRUCTION WOULD ASSUREDLY DO GREAT DAMAGE TO THE FARM. ANOTHER IS THE LARGE PHOTO BUNKER ON BIJIRE.

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CLAYTON MITSUI, STAFF ASST. 62223 29 MAY 78		NO DISTRIBUTION	
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE	SECURITY CLASSIFICATION	DATE TIME GROUP
	ROGER RAY, ERSP MANAGER 62259		
SIGNATURE <i>Roger Ray</i>			

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SURFACE MAY IN TIME BE FIXED TO A CRUMBLING OR DETERIORATING SURFACE
SUCH AS SPALLING CONCRETE. MY INCLINATION IS TO SAY THAT IF THE
HALF LIFE OF THE ACTIVITY AND THE HALF LIFE OF THE SURFACE ARE IN

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SECURITY CLASSIFICATION

UNCLASSIFIED

DATE TIME GROUP

DD FORM 173
1 DEC 70

REPLACES DD FORM 173, 1 JUL 68, WHICH WILL BE USED.

PAGE 04 OF 05	DRAFTER OR RELEASE TIME	PRECEDENCE		LMF	CLASS	CIC	MESSAGE CENTER/COMMUNICATIONS CENTER ONLY		
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BOOK MESSAGE HANDLING INSTRUCTIONS

FROM:

TO:

BECOME A SMALL HILLOCK WITH A BIG ROCK UNDER IT AND PERHAPS NOT TOO OBJECTIONABLE. I THINK THE PLANNING COUNCIL MIGHT BE INCLINED TO ACCEPT THAT SOLUTION IF THEY WERE INFORMED THAT THE ALTERNATIVE (EXPLOSIVE DEMOLITION) WOULD VERY LIKELY DO SUCH SEVERE DAMAGE TO THE ENJEBI GARDEN THAT IT MIGHT NOT RECOVER.

7. IF BIJIRE IS TO BECOME A RESIDENCE ISLAND IN THE NEXT DECADE, WE MUST GIVE PRETTY CAREFUL ATTENTION TO THAT BUNKER BUT THE RECIPE I HAVE GIVEN ABOVE SEEMS REASONABLE. THE AEC TASK GROUP DID NOT ADDRESS THE SUBJECT OF BUNKERS AND SO WE HAVE NO QUANTITATIVE GUIDANCE ON THIS SUBJECT. IT WOULD BE GREAT IF TCGMY COULD GIVE US SOME MAGIC NUMBERS, BUT I CERTAINLY DON'T EXPECT THAT. WHAT I DO HOPE IS THAT HE WILL EITHER VALIDATE OR SUGGEST MODIFICATIONS TO THE APPROACH HEREIN DISCUSSED. OUR CERTIFICATION, I AM SURE, MUST TAKE NOTE OF ANY CONTAMINATED BUNKERS BUT I HOPE WE WILL BE ABLE TO HELP JFG AND DNA AVOID TAKING ACTIONS WHICH DON'T MAKE SENSE, AND DON'T SIGNIFICANTLY REDUCE DOSE, JUST TO MEET ARBITRARILY SET NUMBERS.

8. A FINAL NOTE ABOUT DEMOLITION OF BUNKERS. WHEN YOU BLOW ONE OF

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THEN, BUT I REALLY DON'T EXPECT THAT WE WILL BE ABLE TO DO SOMETHING MORE QUANTITATIVE THAN JUST COMMON SENSE JUDGEMENTS.
9. PLEASE DISCUSS THIS MESSAGE WITH OTHER DEPUTIES AND WITH TOMMY ASAP AND IF WE HAVE A GOOD SATCOM LINK WEDNESDAY 31ST WE MAY BE ABLE TO GIVE DUNAWAY MUCH NEEDED HELP.

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FM U S DOE BRUCE W CHURCH OPERATIONS SUPPORT DIVISION LAS VEGAS NV
TO RUHNDNA/USDOE P B DUNAWAY ERSP ENEWETAK ATOLL MARSHALL ISLANDS
RHEBCTN/USDOE T F MCCRAW DCES GERMANTOWN MD

BT

UNCLASSIFIED//NOFORN

SUBJECT: DOSE ASSESSMENT OF BETA CONTAMINATED BUNKERS
WE HAVE DONE THROUGH WORST CASE-DOSE CALCULATIONS FOR THE BETA
CONTAMINATED BUNKERS AND FIND NO REASON TO CHANGE OUR OPINION
THAT LOWER WALL CONTAMINATION IS NOT A PROBLEM. EVEN ASSUMING
TWO HOURS PER DAY, 365 DAYS PER YEAR, IN CONTACT WITH THE
HIGHEST BETA CONTAMINATED SURFACE LISTED IN THE TWX OF JUNE 6,
1978, THE SKIN EXPOSURE WOULD NOT EXCEED 75% MILLIRAD PER YEAR.
(80 MILLIRAD PER YEAR, PER 1000 COUNTS PER MINUTE OF THE EBERLINE
RP 212.) OSD/RS:FRM-124

BT

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Action	DCS
Info	J-2

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