

Area *4/2/78*

405199

ROUTINE

TEN2

MSG 97

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069

1934

MAR 10 1978

ACTION: JTG85-02,
INFO: A8A

44

RATUZYUW RHEGNV00054 0691807-UUUU--RUHVAAA.

ZNR UUUUU

R 101802Z MAR 78

FM USDOE NV ROGER RAY ASST FOR PAC OPNS LAS

TO RUWTFBF/FCDNA KAFB NM/FCZ

INFO RUHHDNA/CJTG ENEWETAK ATOLL MI

RUHHDNA/USDOE ERSP ENEWETAK MI

RUEBDBA/DNA WASHDC

~~RUHVAAA/FCDNA HICKAM AFB HI~~

~~RHEGGTN/USDOE T MCCRAW HQ GERMANTOWN MD~~

~~RUHVAAA/USDOE W J STANLEY PASO HICKAM AFB HI~~

AE

BT

UNCLASSIFIED/N O N W D/NARR

SUBJECT: FOLLOW UP OF DISCUSSIONS

YOUR 221520Z FEB 78 (NOTAL)

PARAGRAPHS OF THIS MSG KEYED TO NUMBERED PARAGRAPHS OF REFERENCE.

1. NOTED

2. AS YOU KNOW, I AGREE COMPLETELY THAT UNDER THE ASSUMPTION THAT RUNIT WILL BE INDEFINITELY QUARANTINED (WHICH I BELIEVE IS INEVITABLE), CLEANUP ACTIONS ON THAT ISLAND WOULD BE OF LITTLE OR NO VALUE. THIS IS ESPECIALLY TRUE WHEN ONE CONSIDERS THAT THE CLEANED UP MATERIAL IS NOT TO BE REMOVED FROM THE SCENE, BUT SIMPLY

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RELOCATED TO ANOTHER PART OF THE ISLAND. I BELIEVE THAT A CASE MIGHT BE MADE THAT IN THE LONG TERM, RELOCATION OF CONTAMINATED SOIL FROM A TERRESTRIAL SUB-SURFACE LOCATION TO THE CACTUS CRATER COULD MAKE THE CONTAMINANTS MORE RATHER THAN LESS BIOLOGICALLY AVAILABLE. HOWEVER I DO NOT RAISE THIS AS AN ISSUE BECAUSE THE INCREMENTAL ADDITION TO THE LAGOON WATERS AND SEDIMENTS WOULD BE SO TRIVIAL. AS TO THE RELATIVELY FEW RELATIVELY HIGH CONCENTRATIONS YOU HAVE NOTED, I CAN SEE NO JUSTIFICATION FOR DISTURBING THEM. I HAVE NO IDEA WHAT FRACTION OF THE TOTAL INVENTORY THEY MAY REPRESENT, BUT ASSUREDLY IT IS SMALL. NOR CAN I SEE ANY RATIONALE FOR SETTING OR

ROUTINE

REPOSITORY DOE / PASO
COLLECTION DOE / NV
BOX No. 1234
FOLDER ENEWETAK FOLDER #9
GENERAL CORRESPONDENCE
FY 1978

PASO ROUTING SLIP				
	A	I	SEE ME	INIT
DIRECTOR				
Admin. Assistant				(03)
PROJECT ENGINEER				
ADMINISTRATIVE OFF.				
PROJECT LIAISON OFF.				
SEND COPY TO:				
VEGAS INV				
JA/SITE MGT. REP.				
EA/SITE MGT. REP.				
OTHER				
REMARKS:				

EF

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* ADOPTING A STANDARD FOR A QUARANTINED ISLAND WHERE NO CREDIBLE PATHWAY TO MAN IS EVIDENT. EITHER WE BELIEVE THAT A QUARANTINE WILL BE EFFECTIVE, IN WHICH CASE THERE IS NO HAZARD TO THE RETURNEES, OR WE DO NOT BELIEVE IT WILL BE EFFECTIVE AND SHOULD DO A LOT MORE THAN IS NOW PLANNED, PROBABLY INCLUDING PERMANENT REMOVAL OF TRANSURANICS FROM THE ATOLL.

THUS, MY RECOMMENDATION FOR RUNIT CONTINUES TO BE: QUARANTINE WITH NO SOIL CLEANUP REQUIRED. THE SO-CALLED PIECES, SLUGS OR FRAGMENTS WHICH ARE ENCOUNTERED SHOULD OF COURSE BE RETRIEVED IN THE INTEREST OF AVOIDING THEIR EXPORT TO OTHER LOCATIONS.

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IF THE ABOVE RECOMMENDATION IS ACCEPTED, A LOGICAL FOLLOW-ON WOULD SEEM TO BE THE REOPENING OF THE QUESTION OF CRATER ENTOMBMENT OF ANY SOIL, FOR THE SOIL FROM SUCH ISLANDS AS AOMON AND ENGEBI, FOR EXAMPLE, WOULD BE CLEANER THAN THAT WHICH WOULD REMAIN UNDISTURBED ON RUNIT. THUS, DISTRIBUTING REMOVED SOIL FROM THE NORTHERN ISLANDS ON THE NORTH END OF RUNIT WOULD SEEM TO BE A DISTINCT ENVIRONMENTAL IMPROVEMENT AND WOULD SEEMINGLY RESULT IN SUBSTANTIAL SAVINGS IN DOLLARS AND MANPOWER.

AS TO CHARACTERIZATION OF RUNIT, I BELIEVE THAT IT IS ACCOMPLISHED TO A DEGREE SUFFICIENT TO SUPPORT THE ABOVE RECOMMENDATIONS AND THEREFORE THAT NO FURTHER CHARACTERIZATION EFFORT SHOULD BE EXPENDED. THIS COMPLETES ITEM 2 AND IS AN OFFICIAL STATEMENT BY ME AS ENEWETAK RADIOLOGICAL SUPPORT PROJECT MANAGER. THE STATEMENT HAS INFORMAL CONCURRENCE OF THOSE IN DOE HQ WHOM I CONSIDER INFORMED AND CONCERNED. IF A MORE FORMAL DOE POSITION IS DESIRED I SUGGEST THAT A REQUEST FOR IT BE INITIATED BY DIRECTOR DNA.

3. ITEM 3 IS UNDER ACTIVE CONSIDERATION BY ERSF MANAGER, DOE HQ AND LLL. WE EXPECT TO BE ABLE TO MAKE A FIRM RECOMMENDATION SHORTLY, CONTINGNET OF COURSE UPON SOME SATISFACTORY RESOLUTION OF THE PROBLEM PRESENTED BY THE BURIAL SITE ON THE AOMON - BIJIRE CAUSEWAY.

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4. ITEM 4 ALSO IS UNDER ACTIVE CONSIDERATION.
5. OPINIONS AND RECOMMENDATIONS HAVE BEEN OBTAINED FROM SEVERAL SOURCES AND PROVIDED TO CJTG ENEWETAK, COPIES WILL BE FORWARDED TO FCDNA AND TO H&N TTPI STAFF.
6. ITEM 6 HAS BEEN PRESENTED FOR CONSIDERATION BY DOE HQ. IN MY

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OPINION SELECTIVE APPLICATION OF A PLOWING TECHNIQUE WILL BE FOUND ACCEPTABLE WHERE COST BENEFIT AND RISK BENEFIT CONSIDERATIONS SHOW CLEAR ADVANTAGE. FOR EXAMPLE, ALTHOUGH I WOULD NOT EXPECT ACCEPTANCE OF A PROPOSAL TO USE ONLY PLOWING TO GO FROM SURFACE CONCENTRATIONS A FACTOR OF TWO OR THREE ABOVE THE STANDARD TO A NUMBER WITHIN THE STANDARD, I WOULD EXPECT ACCEPTANCE OF PLOWING AS THE SOLUTION TO REDUCING AN ACHIEVED 50 PCI/GM TO OR BELOW THE 40 PCI/GM STANDARD. MORE ON THIS AFTER FURTHER WASHINGTON DISCUSSIONS.

PART II. PLEASE INCLUDE DOE ERSP MANAGER ENEWETAK AS ADDRESSEE ON ALL PROJECT RELATED MESSAGES.

BT

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ROUTINE