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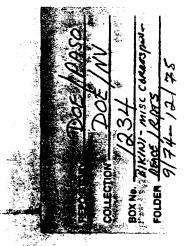
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PATUEYUM PHEGNVOOZOS 0802229-UUUU--RUHEWIA. ZNR CUCCC P 212227Z AAR 75 FM M E CATES MOR USERDA NVOC LAS VECAS NV TO RHECGIN/JAMES L LIVERMAN USERDA HASH DO INFO RHECGIN/MAJ CEN E GRAVES DIR/MA USERDA WASH DC RHEGGIN/M B BILES DIR DOS USERPA WASH DC RUEBDBA/LT GEN JOHNSON DIR DNA WASH DC RUEBECA/EMMETT RICE DOTA US DEPT OF INTERIOR WASHING RHEGLLL/DUANE SEWELL UCLLL LIVERMORE CA RHEGILL/NAT GREENHOUSE BROOKHAVEN NATL LAB UPTON LI NY RUWJALA/DR ALLYN H SEYMOUR UNIV OF WASH SEATTLE WA RUHHWIA/W B HILLS DIR PASO USERDA HOMO HI -ZEN/J R MCBRIDE MERC-LV LAS VECAS NV ВT

UNCLASSIFIED/N C N M D/MARR. BIKINI RADIOLOGICAL SURVEY

ANTICIPATING THE ASSIGNMENT TO MV OF RESPONSIBILITY FOR THE CONDUCT ON A PRIORITY BASIS OF A RADIOLOGICAL SURVEY OF BIKINI ATILL, NV HAS UNDERTAKEN A MUMPER OF PRELIMINARY ACTIONS. THIS MESSAGE SUMMARIZES THOSE ACTIONS AND THE CUPRENT STATUS OF

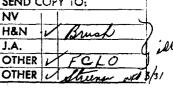
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PAGE 2 RHEGNVOORGE UNCLASSIFIED/N O N W D. PLANNING.

THE NEED FOR A RESURVEY OF BIKINI WAS RECOGNIZED IN OCTOBER 1974 FOLLOWING A VISIT TO THE MARSHALL ISLANDS BY DNA, DOI, AND AEC REPRESENTATIVES. ERDA BECAME COMMITTED TO THE EARLY ACCOMPLISH-MENT OF THIS SURVEY IN A MEETING WITH TRUST TERRITORY REPRESENTATIVES IN ANAHEIM IN JANUARY 1975. DOD AND DOI SUPPORT WAS REQUESTED IN A WASHINGTON MEETING ON FEBRUARY 19, 1975. SPECIFIC LOGISTICAL SUPPORT WAS REQUESTED OF SECRETARY SCHLESINGER IN A MARCE 7, 1975 LETTER FROM SECRETARY MORTON. SINCE RECEIPT OF SECRETARY MORTON'S LETTER IN THE PENTAGON, NV HAS HAD EXTENSIVE DIRECT AND INFORMAL LIAISON WITH DEPENSE DEPARTMENT REPRESENTATIVES, KEEPING DMA AND DOS STAFFS INFORMED.

PLANNING IS PROCEEDING UNDER THE FOLLOWING BASIC ASSUMPTIONS: (1) THE TECHNICAL EFFORT FOR THE APRIAL SURVEY WILL BE CONDUCTED BY ERDA AND ITS CONTRACTORS USING ALREADY PROGRAMMED RESOURCES; (2) LABORATORY ANALYTICAL EFFORT WILL BE PROVIDED BY THE PER-FORMING LABORATORY WITHOUT REIMPURSEMENT; (3) THE DOSE ASSESSMENT EFFORT WILL BE CONDUCTED BY THE PERFORMING ORGANIZATION WITHOUT REIMBURSEMENT; (4) OPERATIONAL HELICOPTER SUPPORT INCLUDING A SUITABLE PLATFORM, MAINTENANCE, AND FUELING WILL BE FURNISHED



PAGE 3 RHEGNVOC206 UNCLASSIFIED/N O M M D. FROM PROGRAMMED RESOURCES OF THE DOD: (5) THE RESEARCH VESSEL LIKTANUR, IF USED, WILL BE PROVIDED BY ERDA USING ALREADY PRO-GRAMMED RESOURCES; AND (6) AIRLIFT OF PERSONNEL AND EQUIPMENT WILL BE FURNISHED FROM PROGRAMMED RESOURCES OF THE DOD. THE GENERAL CONCEPT OF THE SURVEY WILL BE TO CONDUCT A COMPLETE AERIAL SURVEY OF THE ENTIRE ATOLL COMPARABLE TO THAT WHICH WAS DONE AT ENEWETAK AND CONCURRENTLY TO CONDUCT AN EXTENSIVE GROUND SURVEY AND SAMPLING PROGRAM ON ENEU AND BIKINI ISLANDS. THESE FIELD EFFORTS SHOULD TAKE JUST UNDER TWO WEEKS AND IT IS HOPED THAT THEY WILL BE COMPLETED DURING THE MONTE OF APRIL 1975. THERE APPEAR TO BE TWO REASONABLE ALTERNATIVES FOR PROVIDING THE HELICOPTER SUPPORT. THE FIRST ALTERNATIVE WOULD UTILIZE AS A PLATFORM AN OCEANOCRAPHIC VESSEL WHICH IS UNDER CONTROL OF THE NAVY OCEANOGRAPHIC OFFICE AND HAS BEEN TENTATIVELY COMMITTED TO THE BIKINI PROGRAM. HELICOPTERS (SH3'S) WOULD BE TRANSPORTED TO BIKINI BY SOME OTHER FLEET UNIT, WOULD BE BASED ASHORE ON DNEU ISLAND AND WOULD BE FUELED AND SERVICED BY THE OCEANOGRAPHIC VESSEL. (NOTE: SOME UNCERTAINTY EXISTS AS TO THE COMPATIBILITY OR THE SH-3 HELICOPTER AND THE DESIGNATED OCEANOGRAPHC-VESSEL. AN EFFORT IS BEING MADE TO RESOLVE THIS QUESTION. HOWEVER,



PAGE 4 RHECNVOO206 UNCLASSIFIED/N O N W D. SHOULD IT NOT BE POSSIBLE TO USE THE VESSEL AS A LANDING PLAT-FORM IT APPEARS ENTIRELY PEASIBLE TO BASE THE HELICOPTERS ASFORE AND USE THE ORGANIC BOATS, VEHICLES AND HELICOPTER OF THE VESSEL TO SHUTTLE FUEL, CREWS AND MAINTENANCE PERSONNEL.) THE SECOND ALTERNATIVE WOULD REQUIRE THE COMMITMENT OF AN LPD WITH SH-3 HELICOPTERS ABOARD FROM THE ENTIRE DURATION OF THE SUPVEY. FITHER OF THESE ALTERNATIVES WOULD PROVIDE A BONUS OF LIVING ACCOMMODATIONS AND SMALL BOAT SUPPORT FOR THE GROUND SURVEY. IT IS HOPED THAT THE DEPARTMENT OF DEFENSE WILL BECOME COMMITTED TO ONE OF THEM EARLY NEXT WEEK. THE GROUND SURVEY WOULD ENTAIL AN ESTIMATED 100 MAN DAYS OF EFFORT AND THUS WOULD FEQUIRE THE PRESENCE AT PIKINI OF ABOUT 10 PERSONS, PROBABLY DRAWN TROW NV, LLL, NERC-LV, BNL, AND U OF ". AN BOULPMENT LIST HAS NOT YET BEEN DEVELOPED FOR THE GROUND SURVEY BUT IT IS LIKELY TO REQUIRE SEVERAL TONS OF AIRLIFT FROM THE WEST COAST. THE LABOUR TORY EPFORT IS EXPECTED TO BE SHARED BY LAWRENCE LIVERMORE LABORATORY (LLL) AND MC CIELLAN CENTRAL LABORATORY. THE POSE ASSESSMENT IS PLANNED FOR ACCOMPLISHMENT BY LLI. THE MOST OPTIMISTIC (AND YET BELIEVED REALISTIC) SCHEDULE WOULD HAVE ALL ELEMENTS OF THE SUPPRY COUVERGING ON PIKINI SOMETIME

PAGE 5 RHIGHVOO206 UNCLASSIFIED/N O N W D. BETWEEN THE 10TH AND 15TH OF APRIL, EXACT DATES TO BE DETERMINED BY SHIP AND AIRLIFT AVAILABILITY. NV IS PREPARED TO ADJUST THE RESEARCH VESSEL SCHEDULE AS REQUIRED. HQ/ERDA (DOS) HAS IDENTIFIED FUNDS IN THE AMOUNT OF \$50K AS PAR-TIAL SUPPORT FOR THE AERIAL SURVEY EFFORT. NO OTHER FUNDS ARE MOW KNOWN TO BE AVAILABLE. INCREMENTAL FUNDING REQUIRED BY NV BASED UPON THE ASSUMPTIONS SET FORTH ABOVE WOULD COVER TRAVEL PER DIEM AND OVERTIME, SHIPMENT OF THINGS (OVER AND ABOVE THE DOD AIRLIFT) AND PURCHASE OF EXPENDABLE MATERIALS. ALTHOUGH IT IS NOT YET POSSIBLE TO DEVELOP A FIRM ESTIMATE IT IS LIKELY THAT BETWEEN \$50 AND 100K ADDITIONAL ERDA FUNDS WILL BE REQUIRED. AS SOON AS IT APPEARS THAT THE NECESSARY RESCURCES FOR A SURVEY ARE INDEED COMMITTED, A DETAILED PLANNING MEETING WILL BE HELD (PROBABLY DURING THE WEEK OF MARCH 24). FURTHER DETAILS AND ESTIMATES WILL BE PROVIDED FOLLOWING THAT MEETING. REQUEST YOUR CONCURRENCE IN THIS CONCEPT AND ACKNOWLEDGEMENT OF THE NEED FOR TIMELY IDENTIFICATION OF ADDITIONAL FUNDS. OA:RR BT #0206

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