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UNCLAS THE FOLLOWING REPORT WAS RECEIVED VIA ATS-1 SATELLITE

ON FEBRUARY 6, 1973

FROM T. MCCRAW AND IS FORWARDED FOR YOUR INFORMATION.

SUBJECT: REPORT OF SURVEY PROGRESS ENIWETOK ATOLL PHASE 3 AND 4
STATUS REPORT #16

ACTICITIES OF 30 JANUARY THROUGH 5 FEBRUARY 1973.

PHASE 3 PROGRAM COMPLETED WITH COLLECTION OF SOILS FROM WALT ON
30 JAN.

THIS CONCLUDES PHASE 3 PROGRAM.

PAGE 2 RHWNEAA0030 UNCLAS

PHASE 4 SAMPLING SOILS ON NORTHERN HALF OF YVONNE BEGINS WITH INDOCTRINATION AND TRAINING. ON 31 JANUARY PRACTICE SUIT UP WITH BACKHOE OPERATOR. PHOTOS TAKEN OF THESE PRACTICE OPERATIONS WITH A MOCK UP OF DIGGING A PIT ON FRED. TWO BACKHOE OPERATORS AND TWO BACKHOES AARE AVAILABLE FROM SAMTEC.

THE RADIO OPERATOR/TECH. LEFT ON THE MAC FLIGHT THE AFTERNOON OF 31 JANUARY. COMMUNICATIONS SYSTEMS, BOTH THE PRIMARY AND BACKUP, WENT OUT ON THE MORNING OF 1 FEBRUARY. WE HAVE HAD ONLY THE HAM AND SATELLITE SYSTEMS OPERATIONAL SINCE THAT TIME. ON 1 FEBRUARY THE TEAMS STAKED OUT THE ARRAY FOR A 10' X 10' FIDDLER SURVEY FOR HOT SPOTS IN THE QUINCE AREA TO EXTEND ABOUT 600' EACH SIDE OF QUINCE GZ.

ON 2 FEBRUARY THE FIDDLER SURVEY WAS CONDUCTED. THE SOIL SAMPLES AT EACH OF THE TWO TLD LOCATIONS ON SOUTH YVONNE WERE COLLECTED. ON 3 FEBRUARY THE TEAM LOCATED AND MARKED THE SOIL PIT LOCATIONS STARTING JUST NORTH OF THE BUNKER/TOWER AND EXTENDING THROUGH THE QUINCE GZ AREA.

ON 4 FEBRUARY THE TEAM CONSTRUCTED THE DECON SHOWER FACILITY AND THE HOT LINE THAT IS TO CONTROL ENTRY AND EXIT FROM NORTH YVONNE. TWO ADDITIONAL H P'S ARRIVED THIS DATE, LYNCH AND MYERS, PLUS THE

PAGE 3 RHWNEAA0030 UNCLAS

EQUIPMENT NEEDED TO START PIT SAMPLING IN THE CONTAMINATED AREA OF YVONNE. ALSO THIS DATE ANOTHER BACKHOE OPERATOR ARRIVED FROM J.A. EQUIPMENT FOR DUST CONTROL WAS TESTED AND ALL TANKS FILLED. ON 5 FEBRUARY THE HOT LINE FACILITY WAS COMPLETED AND THE DIGGING OF SOIL PITS WITH THE USE OF ANTI C PROTECTION BEGAN. EIGHT PITS WERE COMPLETED THIS DATE. THERE HAVE BEEN MINOR DIFFICULTIES WITH ONE BACKHOE AND WITH ALPHA INSTRUMENTS. THE ARRAY OF SOIL PIT LOCATIONS WAS EXTENDED THIS DATE TO A POINT NEAR CACTUS CRATER. THE CLOSE GRID FIDDLER SURVEY GAVE USEFUL RESULTS AND CERTAIN SOIL PIT LOCATIONS WERE DETERMINED CONSIDERING THIS NEW INFORMATION. SOIL SAMPLING IS TO BEGIN ON NORTH YVONNE ON 6 FEBRUARY. SHORT OF ANY UNFORESEEN DIFFICULTIES WE EXPECT THE SOIL PITS ON YVONNE TO BE DUG BY 9 FEBRUARY AND SAMPLED BY 13 FEBRUARY.

OO:PJM

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