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PRIORITY

FROM W J WILLIAMS DEPUTY GEN MGR USAEC WASHINGTON DC
TO MANAGER USAEC OROO OAK RIDGE TENN
ATTN J ROBERSON AND ED MCCRADY
NR C-61 APR 51 061423Z GR 220

OPENNET ENTRY

Authorized for Public Release
By BS der FG No de page Date:
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Not Authorized for Public Release
By Date:

PART ONE OF TWO PARTS PRIORITY

DEPARTMENT OF ENER
SING: E SEVIEW WITHORIZED BY:

AR SINGULAR WILESHAM
REVIEW - ADDI:

NAME: IT C KG LBAM

DETERMINATION (CIRCLE NUMBER(S);
1. CLASSIFICATION RETAINED
2. CLASSIFICATION CHANGED TO:
3. CONTAINS NO DOE CLASSIFIED INFO

A. COURDINATE WITH:

(5. CLASSIFICATION CANCELLED

6. CLASSIFIED INFO BRACKETED

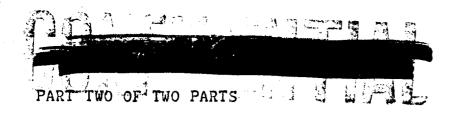
7. OTHER (SPECIFY):

IT IS CONSIDERED ESSENTIAL THAT AIR AND RAINFALL IN U S BE MONITORED IN CONNECTION WITH ENIWETOK TESTS FOR GENERAL INFORMATION AND FOR REQUIREMENTS OF PHOTOGRAPHIC INDUSTRY. STUDIES SHOULD BEGIN IMMEDIATELY AND CONTINUE UNTIL ORDERED STOPPED. COMPLETE OBSERVATIONS SHOULD BE SUMMARIZED AND REPORTED AT END OF SERIES. ALL SIGNIFICANT DEVIATIONS /TWICE OR MORE/ FROM BACKGROUND LEVEL SHOULD BE REPORTED TO OFFICE OF MANAGER OF OPERATIONS BY TELEPHONE ON THE DAY OBSERVED, AND RELAYED BY TELETYPE OFFICIAL USE ONLY TO W D CLAUS, DIV OF BIOL AND MED, AEC, WASHINGTON. VALUE OF THESE REPORTS DEPENDS ON PROMPTNESS. PARAGRAPH. DESIRED TO KEEP MONITORING AS SIMPLE AS

END PART ONE

06-1459Z





POSSIBLE. OPERATING PLAN FOLLOWS-- /ONE/ AIR- OBSERVE DAILY THE AIR MONITORING DEVICES NOW IN CONTINUOUS OPERATION IN YOUR AREA. REPORT AS DESCRIBED ABOVE INCLUDING DATA. /TWO/ WATER- TAKE GALLON SAMPLES OF EACH RAINFALL /ROOF COLLECTIONS ACCEPTABLE/ AND FILTER THROUGH SMALL DIAMETER, NUMBER FORTY WHATMAN FILTER PAPER OR EQUIVALENT. DRY ASH IF POSSIBLE, OTHERWISE SIMPLY DARY, AND MAKE BETA COUNTS EARLIEST POSSIBLE MOMENT. RECORD TIME AND DATE OF SAMPLING AND OF COUNTING, CALCULATE BEST ESTIMATE OF BETA ACTIVITY IN TERMS OF DISINTEGRATIONS PER MINUTE PER LITER OF WATER FILTERED. REPORT AS ABOVE. PARAGRAPH THIS PLAN SHOULD BE PLACED IN EFFECT IMMEDIATELY. RECOMMEND COVERAGE AT THREE WIDELY SEPARATED RESEARCH CONTRACTORS IN THE AREA. END

