

PRIVACY ACT MATERIAL REMOVED

PRIORITY

[REDACTED]

[REDACTED]

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NNNVZCZCJAA355

PITSZYUW RUEPLBR7475 2091554-SSSS--RUWTAUA RUWTAUO.

ZNY SSSSS

P 271531Z JUL 68

FM 4583ABGP THULE AB GRVLD

TO RUWMEVA/ADC/ADMLP/

RUEDMAA/IAF/IMSS-T/IMLP/STEWART AFB NY

RUEPLBU/37ADIV/CCR/GOOSE AB CAN

RUEFHQA/CSAF/AFSSSGA-BAGG

RUEPFA/AFLC/MCMHM/MCG/

RUWINGA/DIR SPECIAL WEAPONS/SAW/KELLY AFB TEX

RUCSAAA/SAC/DCG

RUWKIA/DIR OF NUCLEAR SAFETY/AFINS/KIRTLAND AFB N MEX

RUWTAUO/USAEC AGUSTA S C

RUWTAUA/USAEC/DMA/DOS/GERMANTOWN MD

RUEEJSA/COMSTS WASH D C

RUEPCKA/USAF WPLO DET R/WPSPB/BKLYN NY

RUWTVIA/SAAMA/SAG/KELLY AFB TEX

RUEPQUA/COMSISLANT BKLYN NY

RUWJARA/DEPUTY IG FOR INSP AND SAFETY, NORTON AFB CALIF

RUEQJFA/ASST TO SEC DEF/ATOMIC ENERGY/OATSD/AE/

BT

RECEIVED  
1968 JUL 27 PM 3 10  
U.S. ATOMIC ENERGY COMM  
TWX UNIT

US DOE ARCHIVES	
326 U.S. ATOMIC ENERGY COMMISSION	
RG	
Collection	DOS MCCRDL
Box	3 JDB 1320
Folder	THULE Folder #6

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~~GROUP 4  
Downgrading and  
Exemption from automatic  
downgrading and  
12 years~~

68-1311

PARAPHRASE NOT REQUIRED  
HANDLE AS CLASSIFIED CORRESPONDENCE

[REDACTED] 458300R

CLASSIFICATION CANCELLED\*  
BY AUTHORITY OF DOE/OC  
Bahr 2/4/91

[REDACTED]

\*LTR DNA SWISHER To  
DOE MA-225, 3-5-90

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PRIVACY ACT MATERIAL REMOVED

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1. THIS IS REPORT NUMBER 9 FOR WEEK ENDING 26 JULY 1968.
2. THE SAAMA TASK GROUP COMMENCED PUMPING OPERATIONS ON 22 JULY 1968 FROM THE 25,000 GALLON TANKS INTO THE R-4360 CONTAINERS. THE F-6 FUELING UNITS ARE OPERATING IN A HIGHLY SATISFACTORY MANNER.
3. THE PUMPING CREW HAVE BEEN BRIEFED ON RADIATION AND PHYSICS PROCEDURES TO BE OBSERVED DURING TANK FARM PUMPING OPERATIONS. [REDACTED] OF THE DIRECTORATE OF NUCLEAR SAFETY, KIRKLAND AFB, ARRIVED THIS WEEK TO OBSERVE THE REMOVAL OPERATIONS. WHEN THE TANK FARM PUMPING WAS STARTED THE RADIATION MONITORING TEAM PROVIDED HEALTH PHYSICS SURVEILLANCE AND ESTABLISHED AN ENTRY/EXIT CONTROL POINT (HOTLINE) FOR MONITORING VEHICLES AND PERSONNEL WORKING IN THE TANK FARM AREA. READINGS WERE TAKEN WITH A T-290A TRITIUM SNIFFER DURING FIRST PUMPING OPERATION. NO TRITIUM WAS DETECTED. HOWEVER, [REDACTED] T-446 TRITIUM GAS DETECTOR SHOWED TRITIUM CONCENTRATIONS VARYING FROM 20 TO 70 MICROCURIES/LMS INSIDE THE TANKS SAMPLED, BUT ONLY NEGLIGIBLE QUANTITIES IN THE BREATHING ZONE OF PERSONS WHO WILL BE WORKING ON TOP OF THE TANKS. ANALYZED TWO URINE SPECIMENS [REDACTED] USING THE T-446 TRITIUM SAMPLER AND URINALYSIS KIT. BOTH SAMPLES

SHOWED NO TRITIUM BODY BURDEN HAD BEEN OBTAINED. THE RADIOLOGIST TOOK 1/2 GALLON SAMPLE OF WATER FROM 25,000 GALLON TANK NO. 16 IN THE TANK FARM. A PORTION OF THIS SAMPLE WAS ANALYZED FOR TRITIUM USING THE T-446 TRITIUM MONITOR. IT SHOWED A TRITIUM CONCENTRATION OF 1700 MICROCURIES PER LITER. A 20CC ALIQUOT OF THE SAME SAMPLE WILL BE SENT TO USAF RADIOLOGICAL HEALTH LAB FOR FURTHER ANALYSIS. RADIOLOGICAL TEAM REPORTS INDICATE THAT LARGE TANKS WHICH HAVE BEEN EMPTIED SHOW READINGS ALMOST IDENTICAL TO THOSE FOUND BEFORE WATER WAS PUMPED OUT AND THAT MEASUREMENTS AROUND FILLED R-4360 CONTAINERS SHOW NO ACTIVITY ABOVE BACKGROUND. ALL INDICATIONS ARE THAT WATER IN R-4360 CONTAINERS WOULD CONSTITUTE NO MEDICAL HAZARD TO PERSONNEL IF SPILLAGE OCCURRED BUT WOULD REQUIRE IMMEDIATE DECONTAMINATION DEPENDING ON READINGS OBTAINED BY RADIOLOGICAL MONITORS.

4. ALL 232 R-4360 CONTAINERS ARE POSITIONED IN THE TANK FARM AREA AND HAVE BEEN PRESSURE TESTED. FIVE REQUIRED REPAIR AND SUBSEQUENT RETEST. REPAIRS WERE OCCASIONED BY FIVEFOURTEEN DAMAGE TO 4 FILLER PIPES WHICH WERE REPLACED AND 1 FORKLIFT PUNCTURE WHICH WAS REPAIRED WITH A WELDED PATCH. PUMP TRANSFER OPERATIONS BEGAN 22 JULY AND AS OF 25 JUL 68, 187,009 GALLONS, 34 PCT OF

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ESTIMATED TOTAL OF 552,822 GALLONS HAD BEEN TRANSFERRED.

TANKAGE PUMPED EMPTIED 24 POL TANKS AND FILLED 111 R-4360

CONTAINERS; 36PCT AND 43 PCT RESPECTIVELY OF THE TANKS AND CONTAINERS

COMPLETED. AN ADDITIONAL 83 R-4360 CONTAINERS WILL ARRIVE ON

THE USNS TOWLE ON THE 22ND OF AUGUST TO COMPLETE TRANSFER OF ALL

POL TANKAGE. PACKAGING AND PALLETIZING OPERATIONS OF ALL AIRCRAFT

RESIDUE STORED IN IGLOO AREA HAVE BEEN COMPLETED AS FOLLOWS:

8 PALLETS                    32            55 GALLON DRUMS

5 PALLETS                    17            40 GALLON DRUMS

35 PALLETS                  138           30 GALLON DRUMS

1 PALLET                    4            25 GALLON DRUMS

1 PALLET                    3            20 GALLON DRUMS

TOTAL 50 PALLETS            192 DRUMS

ALL OF THE 14 R-4360 CASES OF AIRCRAFT DEBRIS HAVE BEEN MADE READY FOR SHIPMENT.

5. A TOTAL OF TWENTY-FOUR (24) VEHICLES WERE AIRLIFTED TO

THULE IN SUPPORT OF CRESTED ICE. TO DATE TWENTY-ONE (21)

VEHICLES HAVE BEEN RETURNED TO THE CONUS.

A. THREE VEHICLES REMAIN.

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63088 BELT LOADER 1 1/2 CY: OBTAINED FROM OTIS AFB. SHIPPING INSTRUCTIONS NOT RECEIVED. SCHEDULED FOR USNS WYANDOTT IN LATE SEPTEMBER.

63089 BELT LOADER 1 1/2CY: VEHICLE LOCATED IN "CRESTED ICE" TANK FARM AND IS CONTAMINATED. FINAL DISPOSITION NOT DECIDED.

630261 FRONT END LOADER: TO BE SHIPPED TO COLUMBUS AFB, MISS ON USNS WYANDOTT LATE SEPTEMBER.

6. ECOLOGICAL SURVEY IS BEING CONTINUED. MR. WALMOR-LARSEN HAS BEEN REPLACED BY MR. WALMOR A. AARKROG FROM DANISH AEC. HIS GROUP OF SEVEN SCIENTISTS INCLUDES DR. C. VIBE, ZOOLOGICAL EXPERT FROM MINISTRY FOR GREENLAND. SURVEY PARTY WILL CONTINUE SEARCH OF SHORELINES AND TAKE BIOLOGICAL, ICE, BOTTOM, AND SHORELINE SAMPLES FOR ANALYSIS. INVESTIGATIONS TO DATE CONDUCTED BY WALMOR LARSEN HAVE REVEALED NO CONTAMINATION. DANISH MV ATLANTA IS STILL AT UPERNAVIK. USCG ICEBREAKER EDISTO ENROUTE SOUTH WITH USNS TOWLE WILL ADVISE ATLANTA ON ICE CONDITIONS WHEN OFF UPERNAVIK. ICE REPORTS INDICATE IMPROVING CONDITIONS ALONG ROUTE ATLANTA WILL SAIL. ATLANTA IS ESSENTIAL TO SOME SURVEYS PLANNED BY DANISH SCIENTISTS. WE ARE SUPPORTING DANISH GROUP FULLY AND USAF PERSONNEL ARE PARTICI-

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PATING IN SURVEYS.

7. WEATHER 19- 26 JULY HAS BEEN MOSTLY CLEAR BUT THERE HAVE BEEN INTERMITTENT PERIODS OF FOG. TEMPERATURES HAVE RANGED FROM LOW 29 DEG F AND HIGH 47 DEG F. WINDS HAVE RANGED FROM HIGH OF 17 KNOTS TO LOW OF 5 KNOTS.

GP-4

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