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CONTROL: 17529

CORRECTION ISSUED: 7/5,56, 4 P.M.

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ACTION: INCOMING  
EUR TELEGRAM

-3- POLTO 2365, JUNE 26, 5 P.M. FROM PARIS (VIA POUCH) CORR. P. 3.

INFO:  
RMR

IT WAS VERY DIFFICULT TO PREDICT AMOUNT AND DIRECTION OF FALL-OUT PRIOR TO AN EXPLOSION. APPLICATION OF METEOROLOGICAL DATA AFTER THE FACT CAN PERMIT DEVELOPMENT OF A RATHER ACCURATE FALL-OUT MAP. AT PRESENT, ON BASIS OF US EXPERIENCE BELIEVED BEST METHOD FOR CIVIL DEFENSE PURPOSES WAS AERIAL SURVEY IMMEDIATELY AFTER AN EXPLOSION.

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NORWEGIAN PERMANENT REPRESENTATIVE IN NOTING SUMMARY REPORT STATEMENT THAT FALL-OUT FROM TESTS IS INFLUENCED BY TOPOGRAPHY AND METEOROLOGICAL CONDITIONS ASKED WHETHER IT CAN BE SAID MORE FALL-OUT CAN BE EXPECTED BY A RAINY AND MOUNTAINOUS COUNTRY. DUNHAM STATED RAINY CLIMATE AS SUCH WAS IMMATERIAL. RAIN WAS OF SIGNIFICANCE ONLY IF THERE WAS RAINFALL IN IMMEDIATE AREA AND IMMEDIATELY AFTER A NUCLEAR BURST. SIGNIFICANCE OF REFERENCE TO TOPOGRAPHY WAS ONLY IN TERMS OF INDICATING THAT AEROSOL DEPOSIT ON ONE SIDE OF A MOUNTAIN MAY BE SOMEWHAT LESS THAN ON OTHER.

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GERMAN PERMANENT REPRESENTATIVE INQUIRED WHETHER DISPOSAL OF WASTE WAS LEFT TO EACH INDIVIDUAL PRODUCER. DUNHAM STATED THAT IN US ALL LARGE-SCALE GENERATION OF WASTE WAS IN GOVERNMENT-CONTROLLED FACILITIES. THERE WAS SOME MINOR INDEPENDENT DISPOSAL OF WASTE GENERATED BY HOSPITALS BUT THIS WAS NEGLIGIBLE AND UNIMPORTANT. RIGHT NOW GENERATION AND DISPOSAL OF SIGNIFICANT WASTE WAS UNDER FEDERAL CONTROL AND HE BELIEVED IT WOULD BE FEDERALLY CONTROLLED FOR MANY YEARS TO COME.

UK EXPERT, PROFESSOR MAYNOERD OF HARWELL, SPOKE BRIEFLY AND STATED UK STUDIES WERE IN REMARKABLE AGREEMENT WITH US REPORT. UK HAD ALSO FOUND THAT DIAGNOSTIC RADIOLOGY WAS MOST IMPORTANT CONTRIBUTOR TO RADIATION DOSAGE OF POPULATION. HE REFERRED BRIEFLY TO THEIR FINDINGS OF CONTRIBUTIONS BY RADIUM WATCHES, TELEVISION, SHOE FITTING MACHINES AND THE LIKE. THEY THEREFORE EXPRESSED SOME WORRY AND CONCERN FOR MORE CONTROLLED AND RESTRICTED USE OF X-RAY EQUIPMENT. IN SUMMARY, HE AGREED THERE WERE NO SERIOUS GENETIC RESULTS FROM NUCLEAR TESTS AT PRESENT AND HE ALSO EXPRESSLY OFFERED HIS REASSURANCES TO NORWAY ON RAPIDITY WITH WHICH STUDIES WERE BEING PURSUED IN UN. HE STATED UK SCIENTISTS ATTITUDE WAS ONE OF VERY CAUTIOUS OPTIMISM AND THERE WAS NO NEED TO LEAVE ANY FEELING OF ALARM.

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