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THE HYDROGEN BOMB WILL DWARF THE EFFECTS OF THE ATOMIC BOMB IN THE SAME WAY AS THE LATTER DWARFED THE EFFECTS OF THE BLOCKBUSTERS USED IN THE SECOND WORLD WAR. WHEREAS THE ORDINARY ATOMIC BOMB COULD DESTROY ALL BUILDINGS OVER ONE SQUARE MILE, THE HYDROGEN BOMB OF THE TYPE USED AT RIKINI IN MARCH, 1954 COULD PRODUCE SIMILAR DAMAGE OVER AN AREA OF 150 SQUARE MILES AND WOULD CAUSE GRAVE STRUCTURAL DAMAGE TO BUILDINGS OVER AN AREA OF 600 SQUARE MILES. WHEREAS WITH THE ATOMIC BOMB UNCONTROLLABLE FIRES WOULD RAGE OVER AN AREA OF TEN SQUARE MILES, WITH ONE OF THESE HYDROGEN BOMBS THEY WOULD EXTEND OVER 1200 SQUARE MILES.

H. 41.

BUT WITH THIS NEW BOMB THE PERIL FROM LINGERING RADIOACTIVITY IS INCREASED OUT OF ALL RECOGNITION. IT HAS BEEN ESTIMATED THAT AN "H" BOMB EXPLOSION COULD ENGULF AN AREA OF 30,000 SQUARE MILES WITH RADIOACTIVE DUST SO DEADLY AS TO CAUSE INJURY AND DEATH TO A LARGE SECTION OF THE PEOPLE LIVING THERE.

THE "H" BOMB PRODUCES SUCH DESTRUCTION THAT IT GIVES AN OVERWHELMING ADVANTAGE TO THE SIDE THAT GETS ITS BLOW FIRST, SO THAT ONE HAS LITTLE FAITH IN THE POLICY PUT FORWARD BY NATO THAT THE FEAR OF RETALIATION WILL PREVENT EITHER SIDE HAVING THE "H" BOMB FROM USING IT.

IF MANKIND HAS TO LIVE FOR ANY LENGTH OF TIME UNDER THE SHADOW OF THE "H" BOMB THE DANGER IS THAT FEAR AND HYSTERIA WILL GROW TO SUCH AN EXTENT THAT THOSE WHO RELY ON THOSE WEAPONS MAY DECIDE TO START AN "H" BOMB ATTACK IN AN EFFORT TO KNOCK OUT THOSE THEY FEAR.

HUMANITY CRIES OUT FOR A RELAXATION OF TENSION, FOR AN AGREEMENT TO LIVE AND LET LIVE, FOR CO-EXISTENCE OF PEOPLE WITH DIFFERENT SOCIAL SYSTEMS AND DIFFERENT IDEOLOGIES.

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H 41

ATOMS FOR PEACE (2) IT HAS BECOME CLEAR THAT AN IMPORTANT
PROCESS CALLED "BREEDING" OF ATOMIC FUEL IS ENTIRELY
PRACTICABLE. THIS WOULD MEAN FOR INSTANCE THAT THE
COST OF NUCLEAR FUEL USED FOR THE GENERATION OF
ELECTRICITY HAS BEEN REDUCED VERY CONSIDERABLY,
IN FACT TO LESS THAN ONE TENTH OF A PENNY PER
UNIT AND PERHAPS EVEN LESS THAN ONE HUNDREDTH OF A
PENNY PER UNIT, AS COMPARED WITH THE CURRENT COST OF
NEARLY A HALFPENNY PER UNIT FOR ELECTRICITY GENERATED
FROM COAL IN BRITAIN. H-41.

ALREADY INCREASING USE IS BEING MADE OF RADIOACTIVE
ISOTOPES IN MEDICINE, SCIENTIFIC RESEARCH AND INDUSTRY.
AND MUCH MORE COULD BE DONE.

MANKIND MUST CHOOSE WITH THE GROWING MASTERY OF THE
UNIMAGINED FORCES CONTAINED IN THE TINY WORLD OF THE
ATOM, MANKIND FACES A CHOICE: THE DEVELOPMENT OF
UNLIMITED, PERHAPS UNDREAMED OF, RESOURCES FOR THE
HEALTH, HAPPINESS AND SECURITY OF EVERY HUMAN BEING,
OR A RACE TO MASS DESTRUCTION.

THE ABOVE MAP SPEAKS FOR ITSELF. THE ATOM USED FOR
DESTRUCTION CAN CAUSE INDESCRIBABLE DAMAGE, NOT ONLY
FROM THE ACTUAL BLAST OF THE BOMB, BUT FOR YEARS AFTER
IN THE FORM OF CANCER, STERILITY, STILLBORN CHILDREN
AND INJURY TO GENERATIONS OF UNBORN CHILDREN - THESE
ARE THE EFFECTS ON PEOPLE IN CONTACT WITH RADIOACTIVE
DUST FROM THE BOMB, MANY OF WHICH MAY NOT BE FELT FOR
FOR MONTHS OR YEARS AFTER THE CONTACT.

IS THIS TO BE OUR FUTURE? THE CHOICE IS
OURS - PEACE AND PROSPERITY, OR WAR AND
DESTRUCTION!

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RECORDS RELATING TO THE 'TREASON TRIAL' (REGINA vs F. ADAMS AND OTHERS ON CHARGE OF HIGH TREASON, ETC.), 1956 1961

TREASON TRIAL, 1956 1961

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