Ministry of Ukraine of Emergencies and Affairs of Population Protection from the Consequences of Chornobyl Catastrophe Intelligence Systems GEO, Ltd.

ATLAS

Ukraine Radioactive contamination

CONTENT

- PREPHASE 6
- TERMS AND ABBREVIATIONS
- LEGEND 8-9

8-9	LEGEND	
	Section I. Radioactive contamination of the territory of Ukraine	Scale
10-11 11 11-13 14-15 16-17 18-19 20-21 22-23 24 25 26 27 28 29 30 31	RADIOACTIVE CONTAMINATION OF THE TERRITORY OF UKRAINE CONTAMINATION OF THE TERRITORY OF UKRAINE BY CESIUM-137 (AS OF JULY 1, 1985) CONTAMINATION OF THE TERRITORY OF UKRAINE BY STRONTIUM-90 (AS OF JULY 1, 1985) CONTAMINATION OF THE TERRITORY OF UKRAINE BY CESIUM-137 (AS OF MAY 10, 1986) CONTAMINATION OF THE TERRITORY OF UKRAINE BY CESIUM-137 (AS OF MAY 10, 2006) CONTAMINATION OF THE TERRITORY OF UKRAINE BY STRONTIUM-90 (AS OF MAY 10, 1986) CONTAMINATION OF THE TERRITORY OF UKRAINE BY STRONTIUM-90 (AS OF MAY 10, 2006) CONTAMINATION OF THE TERRITORY OF UKRAINE BY PLUTONIUM ISOTOPES PREDICTION OF CONTAMINATION OF THE TERRITORY OF UKRAINE BY AMERICIUM-241 FOR 2056 CONTAMINATION OF THE EXCLUSION ZONE BY CESIUM-137 (AS OF MAY 10, 1986) CONTAMINATION OF THE EXCLUSION ZONE BY STRONTIUM-90 (AS OF MAY 10, 1986) CONTAMINATION OF THE EXCLUSION ZONE BY STRONTIUM-90 (AS OF MAY 10, 2006) CONTAMINATION OF THE EXCLUSION ZONE BY PLUTONIUM ISOTOPES CONTAMINATION OF THE EXCLUSION ZONE BY PLUTONIUM ISOTOPES CONTAMINATION OF THE EXCLUSION ZONE BY PLUTONIUM ISOTOPES CONTAMINATION OF THE EXCLUSION ZONE BY AMERICIUM-241 PREDICTION OF CONTAMINATION OF THE EXCLUSION ZONE BY AMERICIUM-241 PREDICTION OF CONTAMINATION OF THE EXCLUSION ZONE BY AMERICIUM-241 PREDICTION OF THE TERRITORIES BY CESIUM-137 (ACCORDING TO MATERIALS OF AERIAL GAMMA SURVEY), KOROSTEN CITY.	1:12 000 000 1:12 000 000 1:2 500 000 1:2 500 000 1:2 500 000 1:2 500 000 1:2 500 000 1:300 000
	Section II. Irradiation of population and medical consequences of Chornobyl catastrophe	
32 33 34 34 35 35 36 36 37 38 39 40 40 41 41	IRRADIATION OF POPULATION AND MEDICAL CONSEQUENCES OF CHORNOBYL CATASTROPHE THYROID GLAND IRRADIATION DOSE. FIRST AGE GROUP (UNDER 1 YEAR AT THE MOMENT OF ACCIDENT) THYROID GLAND IRRADIATION DOSE. SECOND AGE GROUP (FROM 1 TO 3 YEARS AT THE MOMENT OF ACCIDENT) THYROID GLAND IRRADIATION DOSE. THIRD AGE GROUP (FROM 4 TO 7 YEARS AT THE MOMENT OF ACCIDENT) THYROID GLAND IRRADIATION DOSE. FOURTH AGE GROUP (FROM 8 TO 11 YEARS AT THE MOMENT OF ACCIDENT) THYROID GLAND IRRADIATION DOSE. FIFTH AGE GROUP (FROM 12 TO 15 YEARS AT THE MOMENT OF ACCIDENT) THYROID GLAND IRRADIATION DOSE. SIXTH AGE GROUP (FROM 16 TO 18 YEARS AT THE MOMENT OF ACCIDENT) THYROID GLAND IRRADIATION DOSE. SEVENTH AGE GROUP (OLDER 18 YEAR AT THE MOMENT OF ACCIDENT) CONTENT OF CESIUM-137 IN MILK (AVERAGE ANNUAL VALUES FOR THE MOST SUFFERED REGIONS, 1991-2005) TOTAL EFFECTIVE DOSES FOR EXTERNAL AND INTERNAL (CAUSED BY RADIOISOTOPES CESIUM, STRONTIUM AND TRANSURANIUM ELEMENTS) IRRADIATION, CALCULATED FOR 1986-2006 (20 YEARS AFTER THE ACCIDENT) TOTAL EFFECTIVE DOSES FOR EXTERNAL AND INTERNAL (CAUSED BY RADIOISOTOPES CESIUM, STRONTIUM AND TRANSURANIUM ELEMENTS) IRRADIATION, CALCULATED FOR 1986-2055 (70 YEARS AFTER THE ACCIDENT) MORBIDITY PREVALENCE AMONG ADULTS AND ADOLESCENTS OF 1, 2, 3 GROUPS OF PRIMARY ACCOUNTING MORBIDITY AMONG ADULTS AND ADOLESCENTS OF 1, 2, 3 GROUPS OF PRIMARY ACCOUNTING MORBIDITY AMONG CHILDREN UNDER 14 OF 2, 3, 4 GROUPS OF PRIMARY ACCOUNTING MORBIDITY AMONG CHILDREN UNDER 14 OF 2, 3, 4 GROUPS OF PRIMARY ACCOUNTING	1:5 000 000 1:5 000 000 1:5 000 000 1:5 000 000 1:5 000 000 1:5 000 000 1:2 500 000 1:2 500 000 1:5 000 000 1:5 000 000 1:5 000 000 1:5 000 000 1:5 000 000
	Section III. Social and economical consequences of Chornobyl catastrophe	
42 43 44 45	SOCIAL AND ECONOMICAL CONSEQUENCES OF CHORNOBYL CATASTROPHE DENSITY OF POPULATION OF UKRAINE ZONING OF RADIOACTIVELY CONTAMINATED TERRITORY OF UKRAINE ACCORDING TO ACTUAL REGULATIONS DRAFT ZONING OF RADIOACTIVELY CONTAMINATED TERRITORY OF UKRAINE ACCORDING TO DOSIMETRIC PASSPORTIZA- TION DATA	1:5 000 000 1:2 500 000 1:5 000 000
46	NUMBER AND COMPOSITION OF CITIZENS HAVING THE STATUS OF SUFFERED AS A RESULT OF CHORNOBYL CATASTRO- PHE	1:5 000 000
46 47 47	IMPROVEMENT OF HEALTH OF CHILDREN SUFFERED AS A RESULT OF CHORNOBYL CATASTROPHE MIGRATION OF POPULATION FROM CONTAMINATED TERRITORIES CONSTRUCTION PROGRAM AIMED AT LIQUIDATION OF CONSEQUENCES OF CHORNOBYL CATASTROPHE IN 1996-2000	1:5 000 000 1:5 000 000
	Section IV. Reference data	
48 49 50 51	REFERENCE DATA STATIONS OF RADIOMETRIC OBSERVATION NETWORK OF HYDROMETEOROLOGICAL SERVICE OF UKRAINE SOILS ZONING OF FORESTS BY DENSITY OF RADIOACTIVE CONTAMINATION OF SOIL BY CESIUM-137	1:5 000 000 1:5 000 000 1:2 500 000