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*International Conference on the Mental Health Consequences of the Chernobyl Disaster: Current State and Future Prospects - May 24-28, 1995 Kiev, Ukraine*

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**PSYCHONEUROLOGIC CHARACTERIZATION OF PERSONS  
UNSANCTION LIVING IN ESTRANGEMENT ZONE  
("SELF-RESIDENTS")**

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The persons who violated the prohibition to live in the estrangement zone (unsanction "self-residents" or those who never left the zone) are the unique cohort of persons as they are the biological model of human internal and external irradiation in Chernobyl NPP Accident consequences. During 1988-1989 nearly 4000 persons inhabited the estrangement zone territory, in 1993 - only nearly 900 persons and in 1994 - 600 ones respectively. For the psychoneurologic characterization 250 persons violationly resident in estrangement zone (70 % - females mainly 65- 74 years old) were studied. The examined persons radiated out from 1 to 878 nCi. The calculated thyroid doses consisted 28 - 236 cSv and integral effective equivalent irradiation doses (EED) - 6-82,4 cSv respectively. The high levels of radiation and social-economic risk perception were revealed. The enlarged (more than 90 %) cerebrovascular pathology prevalence was registered, but in physiological aging that occurs only after 80 years of age. That possibly indicates to nervous system premature aging in "self-residents". The osteo-artralgic syndrome presence requires further research and incorporated osteoaffinitive radionuclides effecton is not to be excluded here. The brain functional status disorders were characterized by organic injuries domination with stem-diencephalic structures irritation. That was related both to the age and integral EED of radiation. The endogenous-like organic mental disorders domination with apathy-abulia changes was revealed both with affective simpliciting and introvertivity. Four cases of schizophrenia were registered. It is fixed that "self-residents" are experiencing the status of adaptation systems extreme strain. Basing on multifactorial statistical analysis the "self-residents" psychoneurologic health mathematical model was worked out. And that psychoneurologic health changes depend for 68 % on irradiation dose level. The research continuation in this field is of undoughtable scientific interest.