

P. O. Selyshchev

**INFLUENCE OF THE RADIATION-INDUCED FORMATION OF CLUSTERS ON THE
DYNAMICS OF DROP SIZE CHANGE IN THE ATMOSPHERE OF OWN STEAMS**

Theoretical approach is developed for the change of drops in the atmosphere of own steams and buffer gas under irradiation. It is shown that radiation influences to the area of existence and the size of stable drop. Under irradiation the change of drop becomes more complex: the unmonotonous and periodical change of size of drop becomes possible.

Keywords: irradiation, drops of liquid, steams, dynamics of change.