

A Nuclear Collapse Theory for Earthquake

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Micro explosion of nuclear collapse was recently observed by the author during experiments of underwater spark discharge (1).The phenomenon was called Electro-Nuclear Collapse (ENC) in order to distinguish the gravitational nuclear collapse that occurred in the universe.ENC occurred with a special state of atomic or molecular cluster,called itonic cluster.The itonic cluster was alternatively called micro Ball Lightning (BL),since it had a diameter of about 100 micrometer and showed several curious properties similar to natural BL.

ENC could be easily induced not only by electrical discharge but also by other techniques.Furthermore,micro BL and micro explosion of its ENC were really observed during natural phenomena of the volcanic eruption of Mt.Usu in 2000 and the sequential earthquakes near Kouzu-shima island in 2000 (2).

This paper described a theory that was based on ENC of micro BL.The theory consisted of three stages: (a) chain reactions of ENC of a great number of micro BL that were accumulated underground for a long time,(b) many cavities that were occupied by gases with high temperature and pressure could be generated,and (c) mechanical fall of the cavities could sequentially occur by reduction of the temperature and pressure of the gas.During the last stage,rock layers over the cavities could fall and this could make real seismic vibration.On the other hand, a large number of micro BL could be released in the atmosphere during the first stage and cause many curious omen phenomena.Therefore,it was expected that earthquake could be precisely predicted by observing micro BL in the atmosphere.