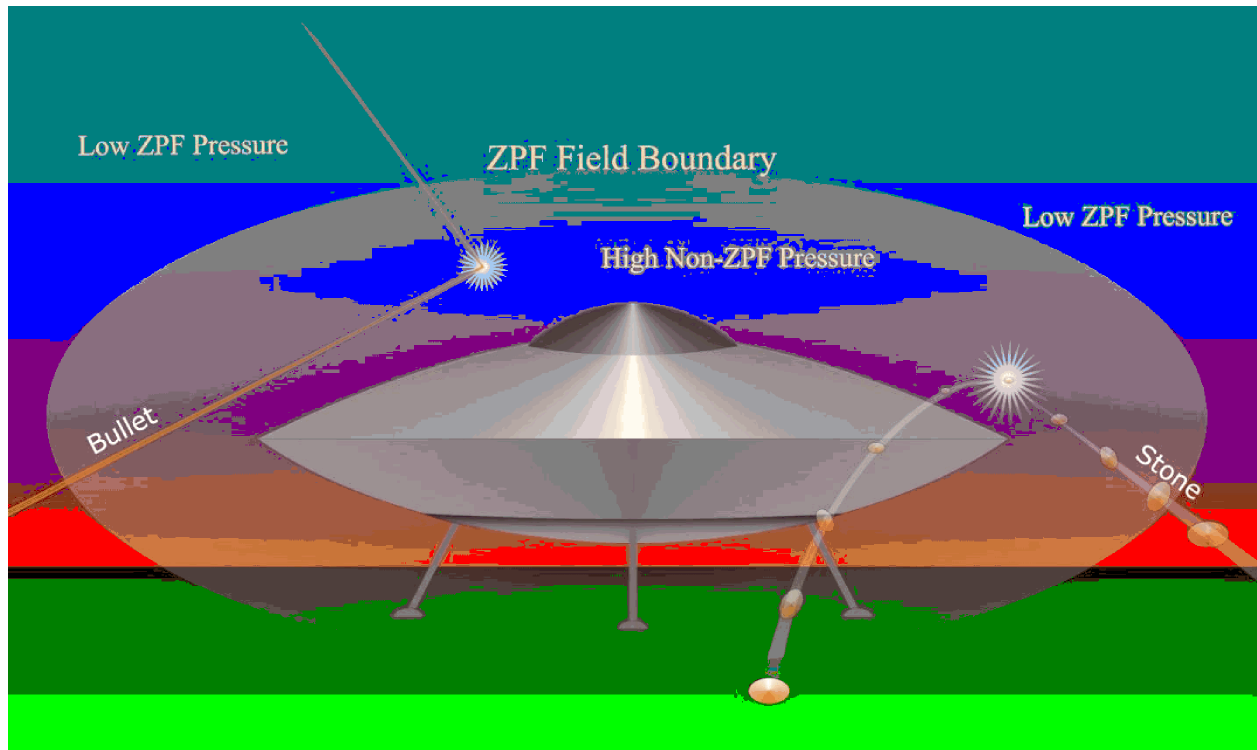


the boundary of the envelope. In UFO, this is inverse-square defined by the maximum diameter of the UFO control or main ZPF ordering coil.



**Figure 9 – ZPF Field Boundary**

Hill, with one caveat, has, to the great evidentiary benefit of this Prosecutor and Jury, correctly calculated for us the voltage levels that must be generated to effect the release of radiation from the low end of the spectrum to the high end, culminating in the release, through the skin of the enclosure around the Flux Capacitor, of hard x-rays to soft gamma rays. The caveat is the possible Doppler effect on the emitted radiation of almost certain time (wrong word) space dilation.

To Hill's great credit, he also realized that the energy that is required to generate or issue forth such radiation is exactly at the values known to result from electron-positron annihilation. What he did not know was where he was going to find positrons in nature. They do not exist in nature outside those postulated in the ZPF creation-annihilation constant regeneration cycle postulated by Sakharov, Puthoff, Forward, Haisch, Rueda, King, et al., and Hill was not aware of this newly-developed physics at the time of his book's completion in 1975. Noel Huntley and others had not yet been published their theories on the fourth, fifth, and higher dimensions, and vortex theory.

Hill identifies in the impulsion drive field what he calls a cyclic or ripple component that varies with time and field strength. He derives this analysis from reports by many witnesses to either the takeoff process pulsing sounds emitted or when a UFO is in a slow, low altitude hover or flight mode. He correctly identifies this pulsating sound and