

September 29, 1961

Dear Mr. Zachow:

I enjoyed very much visiting with you last Wednesday night at Marian Rowley's home and appreciated your taking your time to go over your charts and telling us of your work and experiences. Miss Rowley has left for a vacation and didn't have time to write you before leaving, but she told me she enjoyed very much your visit. She will write you when she returns.

After I got home Wednesday night I tried to review in my mind all the things you so kindly told us (much of which I didn't understand--my scientific and mathematical background is limited), and because I don't visualize astronomical charts at all--I was lost! However, a few things bothered me--some of which I didn't mention at the time you were talking, and others occurred to me as I thought about them. I have not yet had the opportunity to look over the material you left with Marian, but here are a few things that occurred to me as I thought about your charts and what you told us:

1. Revolutions: (a) solar systems around Jerusem;  
(b) local systems around Edentia (constellation)  
(c) constellations around Salvington (local universe architectural capital)

This is not in accordance with the Urantia Book. The suns springing from the Andronover nebula (constituting most of the local universe of Nebadon) revolve around the nucleus of the former Andronover nebula:

See Urantia Book p. 168, paragraph 2 and the list of revolutions.

Also see pp. 651-657, origin of Urantia's sun and most of the other suns of Nebadon (our local universe).

Of course, there is some "astronomical" relationship between these various units (mostly administrative), but this is due to the purposeful design and construction of the architectural spheres and the action of the force organizers, power centers, etc. See--

Urantia Book p. 168, next to last paragraph  
174, paragraph 1  
175-176, Section 8  
455-458

(This in addition to the unknown functions of the Unqualified Absolute.)

2. Sizes of architectural spheres: The sizes of Edentia and its satellites are given in the Urantia Book page 485, paragraph 2, and of Jerusem and its satellites on page 509, paragraph 1.
3. Sizes of suns (I think you mentioned some of diameters in light years): Note Urantia Book page 458, Section 3--size of Antares, the largest in the universe (which I think they mean "local universe" also what happens when suns are too large.

4. In making your calculations on the basis of "radio astronomy" (I don't remember if this is what you called it) I humbly suggest that there may be other factors besides "neutral hydrogen" (this term I might also have misunderstood), the energy coming from suns and other space bodies, etc. might be taken into consideration. For instance; Force Organizers, Power Centers, Physical Controllers, architectural spheres, etc. in the distribution of energy and the transmutation thereof, and universe stabilization.  
 See Urantia Book Paper 29, pp. 319-329  
 " 41, pp. 455-466

I have a problem which has troubled me for some time (and just might be involved in your calculations). It is this: The three basic currents of primary energy of ten segregations each--30 energy systems of the gravita domain. On page 321, paragraph 5:

"Three currents of primary energy of ten segregations each come into these power centers of the third order (Superuniverse Power Centers), but seven specialized and well-directed, though imperfectly controlled, circuits of power go forth from their seat of united action. This is the electronic organization of universe power."

I have tried to correlate these energies (coming down from superuniverse centers, to local universes, to constellations, to systems, and to planets) with other references in the Urantia Book about energy, formation of planets, etc., etc. and what Urantia scientists know about energy--but it is too much for me with my meager knowledge of things scientific! So, I would like your thoughts on the matter. The main references in the Urantia Book are:

Page 175, paragraph 5	Page 325, paragraph 7
" 321 " 5, 6, 7	326 " 3
" 322 " 1, 2, 3	327 " 2
" 323 " last	328 " 7
" 324 " 2, 3	470 " #4

I hope you can enlighten me.

Again, let me say it was good talking to you--I enjoyed it very much--and it got me started thinking on many things besides the Index, on which I am now working and which takes most of my time.

Sincerely,