

## INTRODUCTION TO CHAPTER SEVEN

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In the preceding chapters, the writer presented the process by which this Earth (with its many internal, elemental layers) was grown from radioactive ‘seed’ material. Let us consider this matter much further, and start by asking a few simple questions.

How was the foundational ‘seed’ of the Earth first created at the beginning of Day One? In other words, what appears to be the motivational force and process which God used to lay the very foundation of this Earth? Let us explore the answers to these important questions in the pages ahead.

By the time this chapter is finished, it may become apparent why the writer believes that the bulk of the elemental layers of this Earth were created mainly by the process of nuclear fission and extremely rapid radioactive decay. Further proofs upon which this belief is based are shown in later chapters. But for now, let us return to our present chapter. What is said next may seem somewhat strange to those who have not studied nuclear physics or space radiation and its potentials. Nevertheless....

Friend, it strongly appears that, at the beginning of Day One of the Creation week, God used an immense barrage of extremely energized particles to transport the important components from which the first matter was formed. This first matter formed the foundational ‘seed’ at the very nucleus of the Earth. As the barrage continued, it initiated and maintained a fission reaction in the radioactive ‘seed’ material. The fission reactions and subsequent decay-chains rapidly produced each successive elemental layer which, in turn, came under the barrage of the energized particles. By this process, the original ‘seed’ was rapidly grown into the large ‘blob’ of the Earth, which was in existence at the end of Day One.

Now back to our current subject matter. This chapter breaches the subject of transforming elements of one type into the elements of another type, by nuclear processes. This information makes it much easier to understand the immense, yet very rapid process by which each of the succeeding Earth-layers were formed. But this is not all.

Various processes are introduced by which the rate of radioactive decay may be altered. This is very important information! Once these processes are clearly understood, it may become apparent why the current radiometric methods of dating the age of this Earth (as done by the evolutionary scientists) are completely unreliable and possibly extremely erroneous.

## Chapter 7: THE CREATION OF MATTER

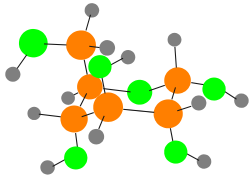
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### THE APOSTLE SPEAKS

It is written: *“Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear.”*<sup>1</sup>

Friend, no human was present to see the Creation of all things. Therefore, all the available evidence within the universe must be examined. Once all of the evidence is rightly interpreted and clearly understood, it will be found that it completely proves the validity of the written Word of God.

### BACK TO THE BEGINNING



In the beginning and throughout all of Creation, God simply spoke, and it was done.<sup>2</sup> All of the nuclear and electrical force fields (of which mankind has no clear comprehension) were obedient to the Word of God.

These force fields of God’s nature instantaneously came together (just as God the Father prescribed) to form the atoms. The various atoms promptly came together by the guidance of God. They formed the multitude of molecules with which God created (by Jesus Christ) the many things found within the Heavens and the Earth.

### LORD GOD ALMIGHTY

And so it was, that God began to swiftly build the Heaven and the Earth. It happened extremely fast. In just one day, the basic ‘blob’ of this Earth was created.<sup>3</sup>



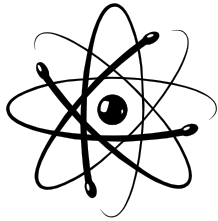
To the casual observer (if one could have been present), the Creation of the Earth may have appeared as a massive nuclear explosion. But it was a fully controlled nuclear reaction. God the Father was the One in full control of all things.

### EXTREME TECHNOLOGY

This Earth upon which we live did not come into being just by accident, as the evolutionary scientists may lead you to believe. This Earth is not just a simple, dead blob of rock which is orbiting about the sun. This Earth is truly very special. It virtually began from a tiny ‘seed’ of material. It was then very methodically created, element by element. It was grown layer by layer in a particular manner: all at the very command of God. The final product was a very intricate, living orb.

Friend, this Earth is an extremely advanced piece of high-tech engineering. This Earth is far beyond what mankind commonly believes it to be. It truly is alive. In all reality, it is a fully self-contained, self-regulating sanctuary for God's special, more intricate and delicate creations. It is a sanctuary for plants, animals, fishes and birds, and also for God's crowning creation called "mankind."

## UNEXPLAINED ENERGY



At this very moment, there are numerous high-energy subatomic particles constantly bombarding the Earth's atmosphere from all sides.<sup>4</sup> All that the scientists appear to know about the origin of these particles is that they issue forth from somewhere far across the Universe.

These sub-atomic particles appear to possess great energy. This high energy level appears to be the result of at least two main factors. First, they are traveling at velocities that are somewhere near the speed of light.<sup>5</sup> Second, they oscillate at a very high rate of speed. The scientists have termed these fast moving particles "cosmic rays."<sup>6</sup>

## CELESTIAL TRANSFORMERS

A portion of the cosmic rays possess energy levels extremely far in excess of anything created in mankind's large atomic particle accelerators.<sup>7</sup> When these powerful particles from outer space collide with other atoms or atomic nuclei, new types of particles are created.<sup>8</sup> By these collisions, atoms of one type of element are readily transformed into atoms of other elements.

## SOME SPECS

Approximately 12 percent of the cosmic rays in outer space are alpha particles. Roughly 87 percent of these cosmic rays are simple protons, or truly, light-weight hydrogen nuclei. Also contained within these cosmic rays, in far lesser amounts, are said to be the nuclei for the heavier elements.<sup>9</sup>

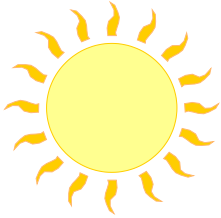
## CATEGORIES

The scientists (for their own reasons) have classified as "heavy" all the elements from plutonium (atomic number 94) to neon (atomic number 10). The elements which are classified as "medium" include fluorine, oxygen, nitrogen, and carbon. These medium elements have the atomic numbers of 9, 8, 7, and 6, respectively. The elements classed as "light" are boron, beryllium, and lithium; atomic numbers 5, 4, and 3, respectively.<sup>10</sup> Truly, helium and hydrogen are also "light."

## A GREAT UNKNOWN

There is a considerable amount of speculation among the evolutionary scientists concerning cosmic rays. They would love to know the true origin of these extremely powerful rays. The genuine truth is that no evolutionary scientist of this day has even the slightest clue where, or what, is the true source of these cosmic rays.<sup>11</sup> Only God completely understands the true origin of all this energy!

## SOME EMITTERS



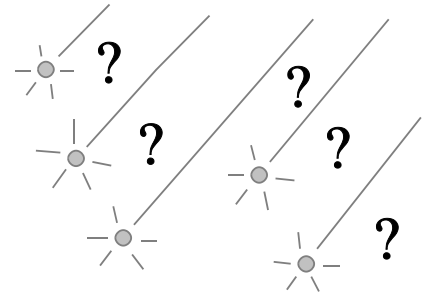
When the sun produces an infrequent, but rather large solar flare, it emits a certain amount of low energy cosmic-type rays. This cosmic ray emission from the sun is insignificant indeed. It truly is of far too insignificant a value to even be considered as the primary source for the great quantity of cosmic rays which are incoming from outer space. The scientists proclaim that all the stars in the universe are also much too inadequate to be the source of all this large, intense flow of cosmic rays.<sup>12</sup>

## “SCIENTIFIC” SPECULATION

During the explosions of supernovas, great amounts of electromagnetic radiation are claimed to be produced. Much of this radiation is in the radio frequency spectrum. This electromagnetic radiation indicates that high-energy electrons are present during these massive explosions.<sup>13</sup>

Scientists speculate that exploding supernovas produce a significant fraction of the incoming cosmic radiation.<sup>14</sup> But still, these supernovas are not the answer to this vast amount of energy.

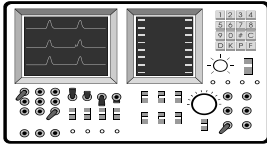
It should be clearly stated that there is no direct evidence to link the massive amounts of cosmic ray production to supernovas. The physical mechanism which produces these high energy rays is still a complete mystery to the evolutionary scientists of our day.<sup>15</sup> And so shall it remain!



## THE TRUTH

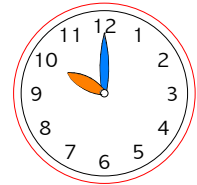
There is only One who truly knows the initial source of all this energy. That One is God. Only God knows the complete truth of these ‘building blocks’ of which the whole universe is made.

## THE AGED EARTH



The evolutionary scientists of today have used their radiometric dating methods to produce their best estimate of the age of this Earth. These scientists have declared that the Earth is approximately 4.65 billion years old.<sup>16</sup> But are they anywhere close to the real truth in this matter?

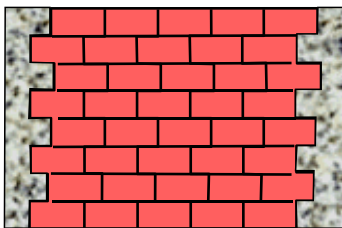
The evolutionary scientists of today declare that the unstable radioactive elements within the Earth have always decayed at specific, stable rates. Because they believe that the decay rates have never changed since the elements were formed, they have declared that the radioactive elements contained in the rocks of the Earth are the true “clocks” by which to gauge the age of the Earth.<sup>17</sup>



Friend, have these radioactive decay rates always remained constant? Are these decay rates truly invariable? Is there a possibility that at some point in time, the decay rate of all the radioactive elements may have been far different from that which is commonly observed today? Let us ask another question. What special conditions would be required to create a different radioactive decay rate in the atom? In answer to these questions let us examine, in the pages ahead, a number of facts. These facts should allow us to come closer to the real truth concerning the age of this Earth.

## CLASSICAL APPROACH

One of the most important processes on which the radiometric geologic time measurements are based appears to be that of the alpha decay within radioactive elements.<sup>18</sup> Once again, the scientists commonly proclaim that the alpha decay rate in radioactive elements has always remained constant since the very beginning of all things. At this point we must again ask a question. Has this decay rate truly remained the same since time and Creation first began?



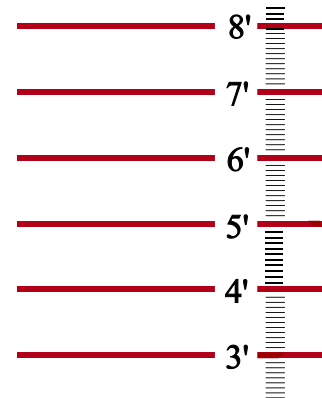
As the modern scientists probed deep into the atom, they discovered the “nuclear potential barrier” of energy which surrounds the atom’s nucleus. This barrier is so strong that it tends to keep the alpha-particles in captivity. Even though the alpha-particle, itself, appears to contain too little energy to escape through this energy barrier, there is still a small probability that it may escape.<sup>19</sup>

In the theories of classical mechanics, the atomic particles can pass into or out of the atomic nucleus (through the “potential barrier”) only if the potential energy possessed by these particles is greater than the maximum “height” of this potential barrier. But (to the surprise of many) experimental data indicates that this is not necessarily the case.<sup>20</sup>

## THE URANIUM BARRIER

The potential energy barrier surrounding the nucleus within a uranium atom is declared to have a “height” of about 27 Mev. The term “Mev” stands for a “million electron volts.” (As a very basic reference point, one electron volt is the amount of energy imparted to one electron as it is accelerated by an electrical potential of one volt.<sup>21</sup>)

In the uranium atom, the alpha-particles (which are a natural product of radioactive decay) possess only about 4 Mev of energy.<sup>22</sup> During the process of normal radioactive decay, somehow, the seemingly underpowered alpha-particles are able gain the necessary energy to escape through the 27 Mev potential barrier.



## WAVE MECHANICS



Under the heading of “Quantum Theory” falls a subject called “Wave Mechanics.” The theory of wave mechanics declares that atomic particles have a certain type of wave associated with them. These waves are like sudden energy surges, or, as we commonly call them, energy “spikes.” The wave-forms are normally described by their frequency, or by their wavelength.<sup>23</sup> Amongst those of the scientific community, the wavelength of these waves is termed the “*lambda*.”<sup>24</sup>

Lambda is directly related to the mass of the particle (noted by the letter  $m$ ) and the velocity at which the particle is traveling (noted by the letter  $v$ ). The equation to find the lambda is written as follows:  $\lambda = h/mv$ .<sup>25</sup> The letter  $h$ , in this equation, represents Plank’s Constant. For the scientifically minded, in mks units,  $h$  is roughly equivalent to 6.6261 times  $10^{-34}$  joule-second.<sup>26</sup> Plank’s Constant truly represents an extremely small quantity.<sup>27</sup>

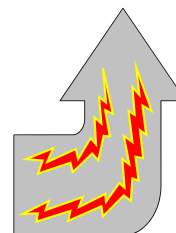
What appears to be an impossible feat (according to the theories of classical mechanics) is shown to be possible under the theory of wave mechanics. It appears to be the wave mechanics associated with an atomic particle which allows it to break through the nuclear potential barrier.<sup>28</sup>

The alpha-particle in the nucleus of a uranium atom, using wave mechanics, has about a 1 in  $10^{38}$  chance of penetrating this barrier.<sup>29</sup> It is this rate of penetration which establishes what is currently called “the normal decay rate” for the nucleus of a radioactive element. But, once again, has this decay rate always remained constant throughout the history of this Earth? And more importantly, can this rate of decay somehow be altered? Can it be drastically increased?

## AN ADJUSTMENT

One relatively easy manner by which to alter the radioactive decay rate of an atomic nucleus is to artificially increase the energy of the alpha-particles within this nucleus. Another method is to alter the nuclear forces of the potential barrier itself.<sup>30</sup>

Yet another method (by far the most feasible) for altering the radioactive decay rate of a particular atomic nucleus is the use of high-energy, external bombardment by other nuclei. So far we have given three methods for altering the radioactive decay rate of atomic nuclei. This by no means negates the possibility that a number of other methods exist (some still undiscovered) by which to accomplish the same end result.



## POSITIVE REACTION

Research has proven that atomic nuclei react with one another. Since both nuclei in a reaction generally possess a positive charge, the bombarding nuclei must initially possess an extremely high energy level to overcome the forces of repulsion. Above all this, enough energy must be retained by the bombarding nuclei to react with the target nuclei.<sup>31</sup> This process appears to be one of many which was used during the massive nuclear reaction, when God initiated the Creation of all things.<sup>32</sup>

## FACTORS OF ALLOWANCE

It should be noted that, on the first day of Creation, the protective atmosphere surrounding this Earth was not yet in place. There was no atmosphere to prevent the high-energy cosmic rays from freely bombarding that initial matter from which this Earth was made, and reacting further with it.

Let us now consider that which occurs in mankind's relatively underpowered particle accelerators. The process of nuclear fission causes the instantaneous breakdown of atomic nuclei, rather than taking the normal "X" number of years to accomplish this feat. Considering this, what did God simply do at Creation?

## FALSE ASSUMPTIONS

As noted earlier, the evolutionary scientists of today declare that this Earth is about 4.65 billion years old (give or take a certain amount for error: possibly great error). What is this figure truly based upon? Do we find any similarities in nature? In Chapter 8, it is shown that the normal decay of uranium into lead is proclaimed to require about 4.67 billion years (give or take an unspecified amount for error). Is it because there are quantities of lead found upon this Earth, that the evolutionary scientists proclaim that the Earth is of great age? But what is the real truth?

## POINT OF CONSIDERATION

Because of the instantaneous nuclear decay (caused by alpha particle bombardment), what may normally require about 4.67 billion years to occur, actually occurred in an infinitesimally short period of time. The processes involved will be examined in the pages ahead.

Let us consider one other point. Suppose, for a moment, that an evolutionary scientist could have been present on Day One of Creation, with all of his fancy radiometric dating equipment. Because of the processes used at Creation, on Day One, by radiometric dating methods, the Earth would have appeared to be at least 4.65 billion years old (give or take a great amount for error)!<sup>33</sup> Friend, as we shall soon see, this is the real truth!

Friend, do you desire to be led around, like cattle, by scientists who cannot prove that which they are declaring? Wouldn't it be much easier if all mankind simply believed the Word of God. Doesn't it make reasonable sense that God created the fundamental (without form and void) Earth in one day, by readily explainable nuclear processes; and then finished the remainder of Creation in the next five days? Friend, let us now give glory to God! Let us give glory to our magnificent Creator!

## IT IS WRITTEN

The psalmist proclaims: *“O give thanks unto the LORD; call upon his name: make known his deeds among the people. Sing unto him, sing psalms unto him: talk ye of all his wondrous works. Glory ye in his holy name: let the heart of them rejoice that seek the LORD.*

*“Seek the LORD, and his strength: seek his face evermore. Remember his marvellous works that he hath done; his wonders, and the judgments of his mouth; O ye seed of Abraham his servant, ye children of Jacob his chosen. He is the LORD our God: his judgments are in all the earth.”<sup>34</sup>*

*“Sing unto the LORD, all the earth; show forth from day to day his salvation. Declare his glory among the heathen; his marvellous works among all nations. For great is the LORD, and greatly to be praised: he also is to be feared above all gods. For all the gods of the people are idols: but the LORD made the heavens.*

*“Glory and honour are in his presence; strength and gladness are in his place. Give unto the LORD, ye kindreds of the people, give unto the LORD glory and strength. Give unto the LORD the glory due unto his name: bring an offering, and come before him: worship the LORD in the beauty of holiness.”<sup>35</sup> Amen, and amen!*

May all flesh come to worship before the Lord God Almighty! May they all, of a true heart, give unto Him the glory due to His great name! May they give to Him the honor that is truly due, by willingly walking in complete obedience to His Word!



Friend, so ends another Chapter in this FIRST EDITION of  
*Listen To The Earth, Volume One, THE CREATION*, by *David E. Sakrison and Friends*  
in 34 Chapters, plus README, Preview, Start, and End files  
with References following each Chapter

## REFERENCES

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1. *The Holy Bible*, Book of Hebrews, chapter 11, verse 3.
2. See: *The Holy Bible*, Book of Genesis, chapter 1, verses 1-27. Please note at the beginning of verses 3, 6, 9, 11, 14, 20, 24, and 26, the statements: “*And God said...*” That is all that God had to do, and the works were accomplished.
3. See: *The Holy Bible*, Book of Genesis, chapter 1, verses 1-5.
4. *Astronomy*, January 2001, “Discovering Cosmic Rays,” James Trefil, pages 36-39.
5. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 351.
6. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
7. *Astronomy*, January 2001, “Discovering Cosmic Rays,” James Trefil, pages 36-39.
8. *Microsoft Encarta 98 Encyclopedia*, “Atom and Atomic Theory.”
9. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
10. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
11. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
12. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
13. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
14. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
15. *Microsoft Encarta 98 Encyclopedia*, “Cosmic Rays.”
16. *Microsoft Encarta 98 Encyclopedia*, “Earth.”
17. *Microsoft Encarta 98 Encyclopedia*, “Dating Methods.”
18. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 348.
19. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 348.
20. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 348.
21. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, pages 348-349.
22. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, pages 348-349.
23. *The 1998 Grolier Multimedia Encyclopedia*, “Waves and Wave Motion.”
24. *The 1998 Grolier Multimedia Encyclopedia*, “Quantum Mechanics.”
25. *The 1998 Grolier Multimedia Encyclopedia*, “Quantum Mechanics.”
26. *The 1998 Grolier Multimedia Encyclopedia*, “Plank’s Constant.”

27. *Conceptual Physics*, by Paul G. Hewitt, 6<sup>th</sup> Edition, 1989, on page 560 states that Planck's constant serves to set a lower limit on the smallness of things.
28. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 349.
29. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 349.
30. *The Genesis Flood*, Henry M. Morris/John C. Whitcomb, Jr., 1962, page 350.
31. *Microsoft Encarta 98 Encyclopedia*, "Nuclear Chemistry."
32. The use of neutrons to split atoms was most likely the major process at work during the initial stages of Creation, on Day One. Because the neutrons are electrically neutral, they do not have to overcome any repulsing forces as they penetrate the nuclei of atoms and react with them.
33. Once again, for the accuracy of radiometric methods, consider the following. The following is a summary of statements by the noted radio astronomer Gerrit L. Verschuur, in his 1996 book *Impact!: The Threat of Comets and Asteroids*, on page 104: Using radioactive techniques, tektites in Vietnam and in parts of Australia are claimed to be 700,000 years old. It is of note that these tektites are found at or near the surface of terrain which the evolutionary scientists claim to have been deposited only 10,000 years ago. It appears that the scientists are even somewhat puzzled over this one, and how to explain it. Truly, how accurate are the radiometric methods of dating?
34. *The Holy Bible*, Book of Psalm, chapter 105, verses 1-7.
35. *The Holy Bible*, Book of I Chronicles, chapter 16, verses 23-29.