FACTS OR FICTION ABOUT RADIATION, VOLUME II

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PROLOGUE

In 1995, I wrote Misconceptions About Radiation, Part 1, Facts are Stranger than Fiction in Hiroshima, Nagasaki, Marshall Islands, Part 2, Volume I. This monograph is Facts or Fiction about Radiation, Volume 2. It is the commentaries of me, Florence T. Cua, M.S. a health physicist of 26 years on 20 movies with radiation genre. You are encouraged to see the movies for yourself. Bear in mind what is fiction now may be factual in the future; however, some might be too outlandish or false to ever occur in reality. I made my comments as a health physicist. You may view my website: http://myprofile.cos.com/florencecua

Radiation induced mutations such as enlargement in the Empire of the Ants or Godzilla and shrinkage in Dr. Cyclops has some credence and should be studied in the laboratory. Gung-ho nuclear retaliation such as in Dr. Strangelove and Fail Safe during the Cold War with Russia brought the world to the brink of a nuclear war. The Communist Chinese as the enemy in Goldfinger in the 1970s change to an outside force threatening to ignite enmity between China and England in Tomorrow Never Dies in the 1990s. By the Radiation Syndrome, the Atomic Kid should have died and Spock in Star Trek II, The Wrath of Khan perished. A Boy and his Dog is a dog of a movie about survival and breeding. The H-Man is a lesson on the H bomb's catastrophic though inane and watery effect. Plutonium was replaced by a metal called Bronzetium in the Shadow. Superman and the Mole Men looked at Radium as the cause of phosphorescence of the Mole Men but that writer chickened out and said it was not. How do you like to be policed by robots? Is the question asked in The Day the Earth Stood Still. Teleportation is the vogue in Star Trek and the Fly. You want horror, watch the Fly. Teleportation is being studied
at IBM now. Wouldn't you like a goggle that allows you to see through things and persons as the Kid with the X-ray Eyes. And last but the first (the movies are in alphabetical order) have fun checking on the authenticity of the scenes in the movie 2001: A Space Odyssey and pitting your brains against the computer HAL. Without doubt, the movie Days After Trinity, Oppenheimer and the Atomic Bomb is factual. Days After Trinity, Perils of a Nuclear War was a panel discussion of well known Americans, i.e. Ted Koppel, Elie Wiesel, Robert McNamara, Henry Kissinger, Carl Sagan, Lt. Gen. Brent Scowcroft, William Buckley Jr. and George Schultz. The last movie is The Phantom Empire (The Power of Radium)
LETTERS IN BOLD ARE FLORENCE T. CUA'S COMMENTARIES

2001: A Space Odyssey

Stanley Kubrick Production

Starring:  Keir Dulles, Gary Lockwood

Screenplay:  Stanley Kubrick and Arthur C. Clarke

Director and Producer:  Stanley Kubrick

Director of Photography:  Geoffrey Unsworth

Music by Johann Strauss

MGM, 1968

The Dawn of Man

Gorillas and Hogs

Fights between rival gorillas for water

Evolutionary Theory—we are descended from the Apes. What ugly beast our
ancestor would have been. Creationism—we were created by Almighty God.

I prefer Fr. Theilard de Chardin, a French paleontologist Jesuit priest's theory

First God created the cosmos—cosmogenesis. Then at some point in time, He infused
it with Mind—noo, noogenesis. Then at some other point in time, He infused it with
Christ—Christogenesis. We are all made in His Image and Likeness. Someday, we
will see Him face to face. The Christians believe every man/woman is our
brother/sister.

Monolith.

The gorillas killed the rival gorillas with bone weapon to get back watershed.

Next we see spacecraft.
It looked to be Radioisotope Thermoelectric Generator powered since I do not see solar panes or photovoltaic cells, then. Now, no flyby is calling for solar on Cassini, Galileo, Voyager, and Magellan.

They wear special shoes for traction. Magnetic? How to overcome microgravity? Velcro anyone?

Voice Prints, Video cameras to view phone partners, way to go, ATT.

Liquid food and normal food.

**Monolith**—the secret that is hush, hush. Security, secrecy: On earth, on the moon, and near Jupiter (not even known to astronauts. Only known to HAL9000, the computer).

Jupiter Mission

Carried Dave and Frank and HAL9000. 3 people in hibernation to maximize conservation of food and energy. Being asleep with no dream, breathe once every minute *(wouldn't that cause brain damage)* *(slowing down of metabolism)*.

HAL9000 was programmed with genuine emotions.

HAL9000 made a wrong diagnosis about something going wrong and had to be fixed. So Dave or Frank (?) went out in the pod to fix it and found nothing wrong with the blackbox. HAL9000 said errors are always human error. Frank and Dave disagreed and decided to close communication with HAL9000. But unbeknownst to them, HAL read their lips talking. Frank went out using the pod and HAL hit him with the manipulator and severed the air supply connection. The Computer HAL malfunctioned; life functions critical; life functions terminated on the 3 hibernating scientists. HAL wouldn't open the pod bay door. It said that it is sorry to Dave. But it can't open the pod bay door to let Dave in because Hal knew their plan from reading lips. Dave cannot go in through the
emergency lock because he did not have helmet. Connection to HAL is terminated.

Dave released Frank to space. Dave used the manipulator to open the emergency door; open the hatch and got back into the spacecraft.

**Where did he get the helmet?**

HAL is cajoling Dave not to disconnect him. HAL's mind is going. Dave is disconnecting the LOGIC MEMORY UNITS.

The first evidence of intelligent life on the Moon was discovered with the monolith. One strong radio emission was aimed at Jupiter from the monolith on a crater of the moon.

Jupiter and beyond the Infinite.

Dave saw the slab(monolith).

Entering Jupiter's atmosphere.

**COLORFUL!!! LIGHTS!!! JUPITER'S SURFACE. INFRARED; ULTRAVIOLET; MICROWAVE REMOTE SENSING; TIME AND SPACE WARP...**

**ARE THESE ACCURATE AND ASTRONOMICALLY, ASTROPHYSICALLY TRUE MANIFESTATIONS OR JUST THE IMAGINATION OF THE SPECIAL EFFECTS PEOPLE? LET THE ASTRONOMERS AND SKY AND TELESCOPE IMAGING ARCHIVIST ANALYZE THESE AND TELL US TRUE OR FALSE?**

Dave's Dream…

Space Pod in the Bedroom. He is in the Bedroom. Bathroom.

Someone at the table, eating, turned around. He is white haired. He dropped a glass. He sees someone Old, himself?, in bed. The Monolith. The Fetus. Old and Young, Life and Death.
Fetal transplantation,???

A BOY AND HIS DOG

LQ Jaf Films, 1975

Don Johnson

Susanne Benton

Jason Robards

Alvy Moore

Basically it is life after WWIV; after Atomic Bomb Explosions left the land radioactive. The only radioactive effect (no mention of radiation bioeffects) was devastation of the overground forcing people to live in bunkers and communities underground. The survivors are rough and tumble, carries guns, take women forcibly, compelled to increase the breed, warring, thieving, dirty, unkempt, brusked, crass, nomads, slaves, pornos, and violence.

This is a story about a boy turned man and his telepathic dog.

There is some funny verbal interchanges. Don Johnson played the boy; his dog's screen name is Blood. The dog found his master a girl.

To make the story short, she led him to the underground where Don is washed clean and there is a marching band, singing quartet, men playing pool, barn clothes, country picnics, whitened faces, women in frocks, 3 persons-committee passing judgement on the people and farming them out or having a robot killed them. Evidently, they spied at Don Johnson and found him appropriate to be milked for his semen to be artificially inseminated to his "brides" (be fruitful and multiplied), 35 of them with the intention to
kill Don afterwards.

He escaped back to the overground and away from his gal and went up the hill with his telepathic dog.

**THIS IS NOT REALLY A RADIATION MOVIE.** The men overground would have suffered radiation sickness, even sterility.
**ATOMIC KID**

Produced by Republic Pictures and Herbert Yeats 1954

Mickey Rooney production

Starring:

Barnaby "Blix" Waterbury-Mickey Rooney

Stan Cooper-Robert Strauss

Audrey Nelson-Elaine Davis

Story by Blake Edwards

Open scene is the Atomic Blast. Two men, Blix and Stan were **uranium prospecting** in the Nevada desert using a **geiger counter**. They were in the desert for 3 days already until the geiger counter started clicking very loudly by a tower which Stan thought was an airport beacon. He thought there was uranium on the land.

It was indeed a nuclear bomb on a 100 ft tower. Two miles downwind was army tanks and jeeps. 3 miles bomber plane. 1 1/2 miles dummies. 200 yd away was a house with dummies.

**There was no mention of whether the bomb was a fission or fusion bomb or even fission-fusion-fission, thermonuclear or neutron bomb. How about the tonnage?**

**What is the configuration?**

The reconnaissance plane reported no sighting so the military decided to test the bomb. The military were some ways away watching with shades on(dark eyeglasses and some with respirators). The troops were in the trenches 200 miles from the tower. The two prospectors were not observed until Stan wandered near the trenches after he and Blix had been to the house, saw the dummies, decided to put a claim on the land they want to
do uranium prospecting. He found a car with gas and keys in it on the side of the house. Stan was spotted in the car minutes before the detonation of the bomb and was pulled into the trenches by the soldiers. They thought logically that Blix left in the house with the dummies would have died or burnt to a crisp in the atomic blast by the scorching heat and radioactivity but nooooooo, he survived. Blix was eating a peanut butter sandwich at that time and he hid in the pantry. He had foreknowledge at the last minute. After the bomb blast, they found him speaking twice the speed of normal, with metabolism twice as fast so they quarantine him behind glass windows(they should have said lead lined glass windows and doors and walls). The docs used mechanical manipulators to pick him up from his bed to immerse him in a bath of heavy water(D$_2$O)(deuterium oxide) to slow the neutrons down(good idea). Blix was labeled the Atomic Kid who the movie reported as radiating like pure $^{235}$U. At this point, he should have whole body activation by the neutron on all the elements present in his body. Also, he would have been exposed to and inhaled any aerosolized fission products, $^{131}$I, $^{90}$Sr, $^{137}$Cs, $^{60}$Co, $^{239}$PuO$_2$, $^{235}$UO$_2$, and others. It is true there would be some chain reaction if there was inhaled or ingested enough meaning critical mass plutonium or uranium because the body does not normally have a critical mass. At this point according to Cember's Health Physics, he should be suffering terribly from radiation syndrome. They could have talked about exposure rate-R/hr or C/kg/s, absorbed dose rate-Rad/day or Gy/day, and dose equivalent-Rem/day or Sv/day, and radiation syndrome. RADIATION SYNDROME: Hemopoietic syndrome—blood count change at whole gamma ray doses as low as 140 mGy(14 rads). Nausea and vomiting
several hours after overexposure. Epilation or loss of hair. Marrow depression at 2 Gy (200 rads). Death may occur between 1 to 2 months after exposure if medical intervention is not successful. **Gastrointestinal syndrome**-total body dose of about 10 Gy (1000 rads). Severe nausea, vomiting, and diarrhea begin very soon after exposure. Death within several weeks after exposure is the most likely outcome despite heroic medical efforts. **Central Nervous System Syndrome**-total-body gamma doses in excess of about 20 Gy (2000 rads) damages the central nervous system as well as the other organ systems in the body. Unconsciousness follows within minutes after exposure and death in a matter of hours to several days; the rapidity of onset of unconsciousness is directly related to dose. In one instance in which a 200-microsec burst of mixed neutrons and gamma rays delivered a mean total body dose of about 44 Gy (4400 rads), the victim was ataxic and disoriented within 30 seconds. Within 10 minutes he was unconscious and in shock. Vigorous symptomatic treatment kept the patient alive for 34 1/2 hours after the accident. Postmortem examination showed that the victim's neuronal nuclei were about 1/3 The diameter of those found in normal unirradiated brains. **Skin Erythema** or reddening at 77 mC/kg (300 R) of low energy X-rays. **Pigmentation. Epilation. Blistering. Necrosis. Ulceration. Radiation Dermatitis. Temporary Sterility-.** At 300 mGy (30 rads) to the testes among men; 3 Gy (300 rad) dose to the ovaries among women. **Acute conjunctivitis and keratitis**-several grays to the eyes.

There should have been more treatment discussed in the movies, such as antibiotics to counter immunological problems due to WBC lessening. They did show aseptic environment to prevent infection. Blix was all "mummified in gauze". His hair did
not epilate? Were there burns? Trauma? Is he more radiation tolerant if there is such an expression? Blood transfusion to overcome anemia. Bone marrow transplants to overcome severe bone marrow depression. Or human granulocyte macrophage colony granulocytes (GM-CSF) stimulates the bone marrow to produce granulocytes after severe depression of the red marrow activity. Vomiting and diarrhea lead to dehydration and electrolyte imbalance. So, fluids and electrolytes are administered via the diet and by intravenous infusion. Skin lesions were not mentioned in the movie. It can be cured in real scientific cases by topical analgesics, antiseptics, and antibiotics. The skin lesions are surgically debrided (what does this mean?) Amputation results when gangrene develops in the fingers and toes due to the cut off of blood supply by the increase of wall thickness until the entire lumen of the arteriole is solidly filled. Hemopoietic syndrome cases can be cured but not GI syndrome.

**Atomic Kid is a sci-fi and Blix is a Miracle Atomic Kid.**

Now, Stan started commercializing Blix. Was the peanut butter Mother Goose Homogenized Peanut Butter with built-in radiation protection? He was offered $40,000+ and a year supply of peanut butter. There were movie offers, TV offers, marriage proposals from starlets.

Was it the underwear pants?

A sponsor wanted to pay 1 million dollar for photos of Blix and the equipments such as the heavy water, the cyclotron etc. for a book to be ghostwritten by a Pulitzer winning journalist.

Blix was outfitted with a wrist watch that was a geiger counter which when he gets
excited would start ticking but they said would calm him down too(error?)

Blix did not want to be coupped up so the doc let him escaped from his room. The FBI agents even let him escaped. He reportedly has become less radioactive.

He does not smoke because smoking and radioactivity don't mix. Blix hitched a ride with the undercover FBI men. Blix's conditioning was causing interference with the radio transmission so he had to keep his hands up(like antennas?)

He went to Vegas and met Audrey, the nurse that cared for him and who he has the "hots" for. All the slot machines that he passed started spewing out coins.

Stan couldn't get pictures of the equipments for the man that made a slip when he called Stan comrade because the FBI men were on to this spy and never let Stan get good pictures.

The geiger counter on Blix wrist goes ticking away when Audrey is near because of the so called neutron chain reaction in his body. **Heh, heh, heh.**

Blix glows in the dark too. **I know uranium in dental porcelain whitens the teeth but it now has been replaced by cerium oxide due to the dose to the oral mucosa by uranium.**

**May I ask if any radioactive substances glow in the dark such as fluorescence or phosphorescence?**

Going back to the story, when the spy was found out by Stan, the commie spy pointed a gun at Stan. The commie wanted to get to Blix. Lo and behold, the Atomic Kid comes in; the only living chain reaction…Blix told the spy he is near \((\pi)r^2/(4-1)\) exploding point with his neutrons warming up. He scared the spy with special effects then fell out of the third window and landed on the boss of the spy who was running out the door to the
street. So Stan Cooper gets to go to Hollywood for a picture on his life (Clark Gable to play him). Audrey, the nurse and Blix got married. The happy couple was driving to San Francisco only to stop off at a house with dummies and you guess it-- another atomic bomb to be dropped (from a plane)...THAT IS THE END.

Nuclear Weapon induced and inhaled or ingested radioactivity lingers through one's lifespan like Hiroshima-Nagasaki victims or exposed Marshallese.

Delayed effects such as cancer, leukemia, bone cancer, lung cancer, life shortening, cataracts, mental retardation, genetic effects might not make Atomic Kid so lucky.

WHAT ARE HEALTH PHYSICISTS FOR?


Bold and/or underlined are Florence Cua's comments.


I HAVE OTHER MOVIES TO CRITIQUE ON ----------------------YOU DO THE SAME
DR. CYCLOPS, 1940, revised 1967

Paramount Presents

Tom Kilpatrick-original screenplay

Dale Van Every-producer

Ernest Schoedsack-director

Albert Dekker(Dr. Alexander Thorkel)

Janice Logan(Mary Mitchell) or (Mary Robinson)

Tom Coley(Bill Stockton)

Charles Halton(Dr. Rupert Bullfinch)

Victor Kilian(Steve Baker)

Frank Yaconelli(Pedro)

Based on the book by Henry Kuttner

Compiled later 1980 in They Came from Outer Space, editor, Jim Wynorski, Doubleday and Co., Inc., Garden City, NY

The movie and the book are very similar with minor changes such as the names and some scenes. There was a maid in the book that was miniaturized by Dr. Thorkel but died; it was not in the movie.

Dr. Thorkel sent for a biologist at the North American Research Foundation. That would be Dr. Bullfinch. Also invited by this eccentric scientist to the Peruvian jungle hideaway is Mary Robinson(alias Mary Mitchell), a microscopist. A young man Bill Stockton who is a mineralogist joined them after Mary paid off his debts. The mules' owner, Steve Baker serves as guide. He was a mining man. The group traveled by plans, by car, by
oxcart then by mules to the Peruvian mountains near the Colorado River.

Dr. Thorkel is dubbed an organic molecular structure man.

When they met, Dr. Thorkel showed the crew a slide under the microscope of progressive deterioration and even disintegration of structure. Thorkel's sight is deteriorating. The mineralogist found iron crystals in the tissues. The group was brusquely asked to leave.

Bullfinch and Robinson objected. Dr. Thorkel had miniaturized a horse, Pinto. The crew found a native wild pig miniature and named dicotylinae bullfinchia by Dr. Bullfinch. The miniature horse neighed. Pedro said that he brought 4 dozen rats, 4 dozen chicken, 14 dogs + Paco, 7 cats + Tatana and only 5 chickens, Paco, Tatana were left. Tatana the cat gets fatter every day.

Bill Stockton chanced on the electroscope and the pitchblende-uranium ore where radium is extracted. Dr. Bullfinch found the ore makes the film fogs. The group looked at Dr. Thorkel's diary and found he had miniaturized Pinto. Those people that went to that area to dig for gold died because of the uranium ore (truthful and possible).

He showed them the tube conducting channel; the concentrate? hangs down the shaft and conducts the force that is immense; cosmic force from the bosom of the earth. They have a condensor like equipment to attack cancer like in the hospital.

Pedro found Pinto, miniaturized. Dr. Thorkel donned his headgear then miniaturized all the people in the group + Pedro. In the book, "Dr. Thorkel donned protective suit made of rubberlike lead lined fabric, cylindrical helmet to shield the head with 2 round eyeplates. The door was mica-paned and the small closet plated with lead (shows signs of knowledge of radiation protection on the part of the author and screen writer)."

THEY SHOULD ALL HAVE BEEN EXPOSED TO RADIATION AND
DEPENDING ON THE RADIATION DOSE SUFFER ACCORDINGLY

RADIATION SYNDROME.

But what happened is that they were miniaturized.

In the book, Thorkel said that "till you came, I could reduce organic substances, but life
could not be preserved in them. It is a matter of electronic compression of matter under
ray bombardment. The radium in the mine gave me unimaginable power". He said that
with Fe crystals, he can control life absolutely. **HOW?**

There is some discrepancy in the size of the people 1/2 foot is not = 1/5 their size.

From the book, it is known that Thorkel is German. He is planning to reduce armies to
miniature size to steal into enemy territory and sabotage industrial centers-men in
miniature.

Dr. Thorkel found their muscular coordination, reflex action, physical structure, natural
voice, and brain, nervous system **PERFECT. IS THIS POSSIBLE? THERE IS SUCH
A THING AS REMISSION.**

**WE KNOW THAT RADIATION CAN CAUSE THE SHRINKAGE OF
CANCEROUS TUMORS BY STOPPING THE PROLIFERATION OF
CANCEROUS TISSUES, BY KILLING THEM. BUT THE PATIENT OR
VICTIM WOULD SUFFER EPILETION, DRY MOUTH, KILLING OF SOME
GOOD TISSUES.**

In the book, "the infra-red lamp suspended from the ceiling sent down a rich, warm glow.

Beneath it was a glass dish, containing a colorless liquid that was boiling gently warmed
by an electrode. From the dish steamed a whitish vapor which shrouded the floor. It is
called **OZONE, AMMONIA,** and with the proper humidity, temp--revived the group to
LET'S ASK AN INDUSTRIAL HYGIENIST IF OZONE, AMMONIA AND THE PROPER HUMIDITY AND TEMPERATURE CAN REVIVE TO CONSCIOUSNESS. SMELLING SALT, ANYONE?

THIS MOVIE'S THEME OF RADIATION AS CAUSING MINIATURIZATION IS ALSO TO BE FOUND IN THE INCREDIBLY SHRINKING MAN AND ATTACK OF THE PUPPET PEOPLE.

WHAT THE SMALL PEOPLE WENT THROUGH IS LIKE THE PLOTS IN LAND OF THE GIANTS WHICH I OCCASIONALLY WATCH.

The little people piled books and pried the doorlock latch open with a pencil and went to room. They saw the chickens. They saw the cat. They hid behind the cactus. The dog chased the cat away. Dr. Thorkel woke up and found the group

a. Bullfinch reading the diary. He believed that the organic tissue can be broken down by subjecting it to radioactivity. Radioactivity cannot be channelize. He was laughed at.
b. Robinson making sandals.
c. Pedro was slicing the ham with a knife.
d. Bill Stockton pulled a screw out and use one blade of a scissors.

Thorkel took a butterfly net to catch Bullfinch. He was measured. 13 1/4"

He was beginning to grow like young organism. In the book, the discovery about growing was made by the crew themselves. Thorkel was chloroformed and drop into a glass beaker for analysis. He was killed because Thorkel was afraid of him growing back to size. Thorkel chopped down the cactus hiding place of the small people to find out they had escaped through a hole.
The Jungle was scary. Rain. Animals. Lightning. Thunder. They found a canoe and used lever and winches to move it. An alligator popped each head. They scare it away with firewood.

Thorkel came with the dog to chase them. Paco(or Pippo), the dog followed Pedro. Thorkel shoot Pedro. Thorkel shoved the canoe out to sea. He trod on the grasses and burnt it. They hid in the box which Thorkel carried back. Thorkel piled 2 books on top of the box to clear the table disabling the group's escape route so the three cut the copper wire mesh with the 1 side scissors. The group of 3(Steve, Bill and Mary) rigged Thorkel's gun. He got up. They took all his spectacles. Bill got the specs from the table and dropped it on the floor breaking one lens. Now Thorkel got 1 good eye. He got labeled the CYCLOPS. The 3 were growing back to normal. Cyclops fell into the well when Bill cut the stop latch on the well rope. In the book, Baker clawed at the Cyclops to make him drop the rope he was hanging on to. The windlass ran out as the rope was severed. Months later, they got back to normal. Mary and Bill became lovers. THE END.

NOTE: PASSAGES FROM THE BOOKS

"The growth to normal is a progressively accelerated process".

"Once the compressive force of radium power is removed, one expand-slowly but elastically. The electrons swing back to their normal orbits. The energy we absorbed under the ray will be liberated in quanta."

RADIUM HAS ALPHA, BETA, AND GAMMA RAYS AND IT IS THESE PARTICLES AND ELECTROMAGNETIC RAYS THAT IMPARTS ENERGY WHICH IS TRANSLATED TO HEAT AND CAUSE DAMAGE TO THE TISSUES. ENERGY DOES WORK AND DISPLACEMENT OF FORCE.
IT IS NOT PLAUSIBLE UNTIL NOW TO MINIATURIZE ANY LIVING THING IN TOTO WITHOUT CAUSING DAMAGE. TUMORS SHRINK IN SIZE BECAUSE OF RADIATION, THAT IS TRUE.
DR. STRANGELOVE

Columbia presents

A Stanley Kubrick production and direction

Peter Sellers, George C. Scott, Sterling Hayden, Keenan Wynn, Slim Pickens, etc.

Russian project-Doomsday Machine-arctic island

Radar-shooting war-Plan R for Robert

All privately owned radio will be impounded to prevent misuse by enemy

Strategic command to ward against nuclear attack: B-52 bombers 50 Mton always airborne  \textit{(this value 50 would be changed to 40 or 30 etc. error in script, methinks or else does it matter?)}

2 hrs? \textit{(later it is 10 hrs)} from their target inside Russia

FGD 135 Air Craft Communication Codes Wing Attack Plan R, Base confirmed

Nuclear Combat toe to toe with the Russkies

Pep talk. Promotion and Personal Citations

Miss Scott, secretary-lover to General Buck Turgidson; working on paperwork, Colonel Fred Pantridge calling said all communications were dead to go to Pentagon, War Room

Pep talk by base commander Jack Ripper of Berberson Air Force Base:

1. Trust no one unless you know him personally
2. 200 yds of perimeter of base-start shooting
3. shoot first then ask questions afterwards

Mandrake, the executive director at the base found a radio in one of the equipments. He told the base commander to call off the attack. It was the radio that mislead the fail safe system. But the base commander \textit{General Jack Ripper is a warmongering looney}
tuned who locked Mandrake and him in the room.

The Code that was sent by the base commander is OPE, code prefix-lock-CRM

discriminators-auto destruct circuit; target ICBM Complex in Lapuda (30 MTon Bomb)

War Crazy. The movie said that war is too important to be left to generals… but the
base commander disagreed on its being left to politicians.

A lot of anti-commies jargons…

War room in the Pentagon

General Jack Ripper of Berberson Air Force Base-834 B-52 to attack target inside Russia
40 Mtons each.

President is the only one authorized to order the attack. But Plan R allows lower echelon
commander to issue the order. Once ordered, they can not communicate with the aircraft.

Once go code is received, CRM114 makes it impossible to be recalled.

General Buck Turgidson wants to prevail by hitting 90% of the nuclear capability of the
USSR.

Mass Murder? Asked the President.

Russian Ambassador was allowed by the president to enter the war room. The President
called Premier Kissoff of Russia.

The survival kit handed down to the B-52 bombers crew are the following:

a. one 45 caliber automatic  b. 2 box ammunitions  c. 4 days concentrated emergency
ration d. antibiotics  e. morphine  f. vitamins pills  g. tranquilizers pills  h. Russian
translator book and bible  i. $100 in rubles  j. $100 in gold  k. 4 package of chewing
gum  l. 3 lipstick  m. 3 pairs of nylon stockings

Comedy scenes-you cannot fight in here, this is the war room.
The Russian Ambassador Aleksai tried to take pictures in the war room.

Americans shooting up Americans coming to the base to talk to General Ripper.

Pleasantries from the US president to the Russian premier. "Something going wrong with the Hydrogen bomb. Commander went a little funny in the head. Ordered to attack Russia with the H-bomb. Friendly call. Not reach target for 10 hrs(not 1 hr). Will give target, flight plan, and defensive system of plane(has similarities to the movie Fail Safe). Help destroy them. Call People Central Air Defense Headquarters in Onsk.

I am as sorry as you are, Dmitri.

Doomsday Machine, said the Ambassador.

On the base, Commander Jack Ripper talked about water. Commie plot -Fluoridation of water and other foodstuff and drinks. Post 1946 post war commie conspiracy. (COLD WAR ERA)

The speculation is radioactive fallout would cause incapacitation of earth for 10 months; General Turgidson erroneously said that safe level will be reached after 2 weeks.

Ambassador said thorium G will lay waste earth for 93 years. Doomsday shroud will be triggered automatically.

By my educated guess, Plutonium, Uranium, Thorium will lay waste the land for at least 10,000 years x 7 half-lives.

Arms Race, Space Race, Peace Race, Doomsday Gap.

(Nowadays, the MIR station has been replaced by the International Space Station.

President of the US Clinton and President of Russia Yeltsin signed in 1998 an accord to destroy the nuclear stockpile. There is the Nuclear Age Peace Foundation.

http://www.wagingpeace.org that wants the nuclear weapon states, e.g. US, USSR,
UK, PROChina, France, Brazil, Chile, Argentina, North Korea, Libya, Iraq, India and Pakistan to abolish nuclear weapon production and testing, to sign the nonproliferation treaty and to give the indigenous population the right to use the billions dollars of resources for their own purposes other than nuclear weapons. There has been tens of millions of signatures to the Nuclear Disarmament Committee of the United Nations for this Abolition 2000 petition. The US and USSR must lead the signatories of the non proliferation treaty.)

Dr. Strangelove, Director of Weapons Research and Development was called upon.

He said that deterrence is the act of producing in the mind of the enemy the fear to attack; stop human meddling. Doomsday Machine is a very scary prospect.

At the base, billboard cried Peace is our Profession while fighting was going on between Americans and Americans.

Commander Jack Ripper denies women his essence in contrast to General Turgidson.

Mandrake has been a prisoner of war tortured by the Japanese.

The Commander blithely said he believes in a life after this one then shoot himself.

7 hrs. to bombing.

Missile tracking the bomber. They continued evasive action. Then they were hit. Fire on Board.

Code was deciphered by Mandrake from peace on earth and purity of essence-OPE.

This was acknowledge by all warplanes except one. Radio was out on the B-52 bomber; CRM114 out; fuel was leaking; not going back to any base. They jammed the radar on the Soviets. Do not have enough fuel to reach primary target. Alternate target.

"...a lot of military flight engineering jargon..."
"electronic, barometric, time, fusion circuit, arming, detonator set to 0 altitude, first safety, second safety, bomb doors remain closed, emergency power, negative function"

The bomber pilot went down to manually release the bomb. He opened the bay door and rode the bomb shrieking like a rodeo rider.

Atomic Blast.

Dr. Strangelove: stay down deep mines for 100 years; nuclear reactors provide power indefinitely, greenhouses provide plant life; animals breed and slaughtered; computer to decide who goes down; breed: 10 females to each male; choose women for their sexual characteristics(HAS SIMILARITIES TO A BOY AND HIS DOG).

Dr. Strangelove said:"Mine Fuehrer" (GERMANIC?) (NUCLEAR HOLOCAUST?)

The Russian ambassador continued clicking away with his miniature camera.

General Turgidson was shouting all about competition with the Russkies on the mine shaft idea. Russkies outbreeding Americans.

DID THE DOOMSDAY MACHINE GET TRIGGERED BY THE ATOMIC BLAST? IF SO, WHERE IS EARTH NOW?
EMPIRE OF THE ANTS


I cursorily looked at the Bernard Werber edition and it does not mention Radiation.

I found the following from his book though.

Pheromone Analysis-ant communication molecules using chromatography and mass spectrometer.

6-methyl
4-methyl 3-hexanone(2 emissions)
ketone
3-octanone
ketone
3-octanone(2 emissions)
from Edmond Wells
Encyclopedia of Relative and Absolute Knowledge
The movie presented by Samuel Arkoff, screen play by Bert Gordon
Marilyn Pryser-Joan Collins
Dan Stokely-Robert Lansing
Joe Morrison-John David Carson
Margaret Ellis-Jacqueline Scott
Larry Graham-Robert Pine etc.

The movie started with some radioactive waste company dumping illegally radioactive
waste in cans with radioactive waste signs into the ocean. The men wore protective clothing.

The ants feasted on the radioactive leachates.

The boat brought the cast of characters to the beach (Dreamland Shores).

They were pairing off. Larry hit on one of the other woman not his wife and got a knee up his groin.

They took the tram for a tour of the Dreamland Shores.

One of the men wandered off and found fault with the operation-the water pipe was not connected to the water main. Giant Ants started killing the guests.

THIS IS A RECURRING THEME ABOUT GIANT ORGANISMS DUE TO INGESTION OF RADIOACTIVE SUBSTANCES; SOME MOVIES HAVE GIANTS PLANTS FROM RADIOACTIVE SOILS; SOME HAVE GIANT ANTS LIKE THIS STORY. WE KNOW IRRADIATED RICE OR SO CALLED MIRACLE RICE IS BIGGER AND LONGER GRAIN, TRUE, TRUE, TRUE AND MORE ABUNDANT. RADIOACTIVE SOILS DEFINITELY IS MORE FERTILE BECAUSE OF THE ADDITIONAL TRACE ELEMENTS.

NOW, GIANT ANTS....PLEASE THINK WITH ME IF IT IS PLAUSIBLE OR NOT?

SCARY!!! The story is a lot of shrieking on the part of both ants and people. Ants do not like fire. So they build a fire. Only to be rained on. Their boat was invaded by the ants; so with the beachhouse. They trekked through the jungle running away from the ants.

Larry did not lift a finger to save his wife when she was eaten by the Giant Ant.

Marilyn's partner, Charlie was eaten up to. They boarded a small boat but got blocked by
the ants. Larry got done in. Everyone fell into the water. Wet and Wild. The Ants they surmised was herding them like cattle.

Then they got to CIVILIZATION. An old woman told Margaret? not to go to the sugar refinery. Why? To make the story short, the whole town had be pheromoned by the Giant Queen Ant at the sugar refinery to feed and care for them. So the police blocked this group's escape route and send them into the Queen Ant to be indoctrinized to all work for the Ants and feed them for they are Superior. GREAT! FIRST THE INTELLIGENT APES IN BENEATH THE PLANET OF THE APES; NOW THE SUPERIOR ANTS IN THE EMPIRE OF THE ANTS.

The captain scared the Queen Ant with a flare. The sheriff's subordination to the Queen Ant was broken and he killed the Queen Ant. The pheromoned Marilyn(Joan Collins-queeny, isn't she) died with the Queen Ant.

Joe blew up the refinery with gasoline from a flammable gasoline truck and killed the ants inside. Captain, Joe and the two women left drove off in a motorboat.
FAIL SAFE

Columbia Pictures present

O' Herlihy-General Black
Walter Matthau-Groetesuele
Frank Overton-General Bogan
Ed Binns-Colonel Grady
Henry Fonda-President of the US
Larry Hagman-Buck, Russian language interpreter
Screenplay-Walter Bernstein
Novel of Eugene Burdick and Harvey Wheeler
Directed by Sidney Lumet
Produced by Max Youngstein

NY City, 5:30 am

General Black

Dreamt torro killed by the matador.
Wife wanted him to stay off work but he couldn't
Jetted to Omaha, Nebraska

Washington, D.C., 5:30 am

Soiree

Thermonuclear War-everyone loses
A culture with most of its people dead, the rest dying, the food poisoned, the air unfit to breathe(\textbf{true, true, true})

Political Scientist Groetesuele said American culture should survive. He joked that only
convicts and file clerks would survive because they are in solitary confinement and behind tons of papers respectively. It will be the violent vs. organized people. A woman he was taking home was told that it was the thrill of destruction she was feeling. He slapped her when she tried to seduce him and told her he is not her kind.

Omaha, Nebraska, 5:30 am

General Bogan checked out the computer.

Colonel Cascio was called out from his basement room he occupied with derelicts.

Anchorage, Alaska, 5:30 am

Pilots playing billiard. They flew their jets, bombers, carrying 4 bloodhound air to air missiles armed with nuclear weapons, 2 20 Megatons hydrogen bomb. Surveillance photos. Russian submarines. Checks and counterchecks so system does not create the situation.

UFO sighted.

Fail Safe position.

Fail Safe Box on order of the President only, electronically carried out. Yellow, Green and Red(war). They found out it was a commercial flight in trouble.

Groetesuele the Hawk. Limited War. General Boyd, the Dove. Stop war, not limit it.

No limited war. Too tough for men to control. First strike against us; retaliate; we got to slow down. Groetesuele said to speed up. Fighter pilots got a signal which in later scene was found to be an electronic fault. Code CAP811. The top secret operational order was to bomb Moscow. President was called in. He went to the fortified basement office. They couldn't reach the pilots of the Group 6 bombers. So they sent fighter planes to reach the bombers visually and dissuade them from their course or else shoot them down
on order of the President. The President told them to order them in. The fighter pilots were
told to go to the afterburner (use up fuel) to speed up and catch up with the vindicators on a
bombing trip to Moscow. Machines work so fast and fault subtle, human's cannot be detected
fast enough. Paranoia about Moscow is evident. Groetesuele character said that if the Soviet
Union is left reasonably intact, communism will prevail. However, if they surrender, the threat
of communism will be over. The best defense is a good offense (first strike is based on this
principle).
The fighters have not succeeded. They run out of fuel and fell off to sea.
Buck, the Russian translator, told the president that the Russians thought they blips they see
on their radar screen was thought of as off-course reconnaissance plane. The president told
the Russians that it is a mistake on the American's part; they have not been able to recall
the bombers. It is an accident. You must believe me. Moscow side's: it is a trick, strike at once.
Shoot down bombers and go on full alert. The president accede that the bombers should be
shoot down.
The bombers have crossed the borders. A State of War exists.
Decoys. Shout and shriek when one Russian fighter shot down an American bomber.
The crew was told it is not a football game. Stop shouting. The president told the Russians an
electronic flash was caused by mechanical failure that gave a go ahead to the bomber. He asked
if the Russians were jamming the radio. The Russians were and lifted the jamming. Finally,
the President go through but Colonel Grady (bomber pilot) is past from listening. 2 bombers
down, and 4 to go. Groetesuele wanted first strike. Another adage from him: those who can survive
has the right to surviving.
The Ambassador to Moscow and the UN delegates were called in. Colonel Cascio
couldn't tell the Russians the information they sought on infrared and radar seeking capability. So the sergeant was commanded by General Bogan. He said: "It can be overloaded by increasing the power output and sliding through radar frequency as fast as possible. The firing mechanism reads the higher amperage as proximity to the target and detonate the warhead." In short, the sergeant told the Russians to blow up the air to air missiles and the plane with it (I am not a military missile engineer. So I cannot comment. Does this make sense?).

Colonel Cascio said it is a trap. Satellites can mask missiles. Order a first strike. Cascio took over by beating up General Bogan but was overpowered by the guards. He told General Bogan he is better that him because Bogan was selling out. The longitude and latitude of the 3 remaining bombers were given to the Russians. 1 down and 2 to go.

I sided the Americans all throughout but I am getting angry at the situation.

The President made a terrible and gruesome compromise. Talk about death squads on your kind.

He said that if 2 20 Megatons bomb drop on Moscow, he ordered 2 20 Megatons bomb be dropped on New York. This he ordered General Black to do. His wife and kids are in NY.

The decoy let the bombers go in. The Russians planned on a thermonuclear barrier.

(What is a thermonuclear barrier?)

The Russian general and American general called each other friends.

Colonel Jack Grady 's distraught wife reached him by phone. Jack did not listen. The bombers will go with the bomb.

Groetesuele said that NY will have 3 million dead with 2 Megatons; 1 more million in 5
weeks.

We let our machines get out of hand. Men are responsible.

The bombs were dropped. Moscow is destroyed. NY Bombed?

Epilogue:

The Department of Defense and the US Air Force states that a rigidly enforced system of safeguards and controls insure that occurrences such as those depicted in this story cannot happen
GODZILLA

TriStar Pictures presents a Centropolis Entertainment 1998 a Fried Films and
Independent Pictures production; a Roland Emmerich film

Starring Matthew Broderick, Jean Reno "Godzilla, Maria Pitillo, Hank Azaria, Kevin
Dunn, Michael Lerner, Harry Shearer

Produced by Dean Devlin and directed by Roland Emmerich

Story by Ted Elliott and Terry Rossio and Dean Devlin and Roland Emmerich

1. French Polynesia-Muroroa-H-Bomb-detonated

the sea reptiles e.g. salamanders were irradiated leading to mutation and hybridization,
the product o which is Godzilla. Havoc and devastation on the fishermen in the boat.
Geiger counter ticking because of radioactivity.

(See the attached section on Muroroa Atoll. Also, it should be known that Dr. Gail
de Plaque, formerly Commissioner of the Nuclear Regulatory Commission, headed
an IAEA team to check the massive contamination in Muroroa and Fangataufa Atoll. There was tsunami or tidal wave and earthquake as a result of the
underground testings and according to the book Radioactive Heaven and Earth, 1991. Edited by International Physicians for the Prevention of Nuclear War and
Institute of Energy and Environmental Research; Robbins, S., Makhijani, A., and
Yin, K. Apex Press, New York. The radiation exposure levels to inhabitants in
neighboring atolls supposedly were below maximum permissible body burden but
the people of Tahiti-Papeete wants to be independent of France. They want to a
republic like the Marshall Islands(1986). See NTIS documents on French nuclear

2. Chernobyl-Ukraine

American scientist and radiation biologist Dr. Nick Tetapolis of the Nuclear Regulatory Commission was analyzing Chernobyl earthworms mutated DNA. The earthworms were 17% larger. He was reassigned to

3. San Miguel, Panama.

Here he saw giant footprints.

4. New York

Research assistant Audrey got propositioned by anchorman, Charles Calman.

5. Great Pedro Bluff-Jamaica

Big ship wrecked

Dr. Nick took some flesh samples. Someone from Casualty Insurance taking pictures.

6. Eastern seaboard, USA

3 fishing trawlers sank by being pulled under.

There were traces of radiation on them.

Dr. Nick analyzed the samples and said it is a mutated or hybrid specie. (I think that is possible.)

News on TV about Dr. Tetapolis was seen by his college sweetie, Audrey.

A fisherman in the East River baited and caught Godzilla. More havoc and devastation in

Dr. Tetapolis was called in. They have to evacuate 3 million Manhattan people.

Looters. The same man who said he was casualty insurance agent now acted as the supporter of mayor and inserted a bug into the mayor's coat.

He is French. He was in a monitoring station outside a UPS van.

Godzilla has disappeared. They look at the tunnels. Nick told them to draw out Godzilla with what he needs. Emergency preparedness was put into action. Convoys and helicopters came into the city. The dump trucks dumped a huge pile of fishes into the street. Manholes were uncovered. Godzilla took the bait. It eyed Nick as well. *(They should have poisoned the fishes. Godzilla cannot be tamed).* It has killed and devastated the lot. The soldiers fired at Godzilla at will. Heat seeking torpedoes did not work because Godzilla is colder than the buildings. It downed the helicopters.

Meanwhile, Audrey and Nick linked up. She jilted him 8 years ago. He was an anti-nuke activist like her and now he is an Nuclear Regulatory Commission radiation biologist. *I, Florence T. Cua-Christman, MS³, of Christman, Cua Associates is 26 years health physicist.* See [http://members.home.net/eac8/](http://members.home.net/eac8/) Dr. Nick Tetapolis is cataloguing new species that have been created as a direct result of nuclear contamination. Godzilla he found is pregnant by asexual reproduction. He is nesting in New York. Mayor asked if it was a "virgin lizard". Dr. Nick Tetapolis said it would be 12 eggs at a time.

Nick still love Audrey. Audrey found the top secret videotape and took it and dubbed her talkie on it. Calman, the anchorman, stole the credits. Dr. Nick Tetapolis was canned.
Find the nest before it is too late.

Audrey confessed to Nick that she was not a reporter yet and took the tape to get ahead. Nick was hijacked by the French, Phillip, who was a secret agent for France. They will look for the nest together. He said that he is protecting France from the mistakes she made with the nuclear testing. Audrey and Vic decided to follow Nick to find the nest. Phillip and Nick wore paramilitary fatigue outfits like the Americans. They found Godzilla in the subway. Helicopters and men fired away at Godzilla. He plunged into the Hudson River. USS Indiana and USS Anchorage torpedoed Godzilla but Godzilla went straight for USS Anchorage and the torpedoes hit USS Anchorage and sank it. USS Indiana made a direct hit at Godzilla.

Nick and Phillip went to Madison Square Garden and found fishes and eggs hatching, 200 eggs.

Nick was communing with the baby Godzilla that peek out from it eggshell. The eggs have hatched. The people smelled like fish so go run after by the baby Godzillas.

Some of the French soldiers got eaten. They booby trapped some of the eggs. Audrey and Vic got locked in and got up through the vent and crawled out. It is only now that the military issued an order to search for the eggs. Nick run to get help but was cornered. He went to the elevator. The baby Godzilla snapped at him. Phillip and Nick and Audrey and Vic met and went to the Madison Square Garden broadcasting booth and was beamed live. 200 eggs had hatched, over 9 ft tall each baby Godzillas. They are all pregnant and can deliver 40000 in 1 year and replace humans. They have 6 minutes before the military will bomb Madison Square Garden. Nick threw down the food from the vendo machines and the babies lizards slipped on the round bubble gums. Phillip
shoot down the chandeliers and they got out the door. Madison Square Garden was bombed.

Godzilla came back from his watery grave. They got into a cab and was chased by Godzilla. They got trapped in the Park Avenue Tunnel. O'Neill managed to get the cab's CB frequency. They shone the high beams and headed for the Brooklyn Bridge but Godzilla took the car into it's mouth. They put a live wire to its palate and out they went. Godzilla got all entangled in the suspension cables and was torpedoed. Godzilla finally died. Audrey got the exclusive from Nick. Phillip will return the videotape back after editing it to Vic. Au Revoir. There was one egg left and it hatched…
RADIATION BIOLOGY AND GENETICS

http://rg4.rg.med.kyoto-u.ac.jp/intro/index-e.html

http://www.rad.ucla.edu/bmp/grads/rgaylord/radiobiology.html

http://www.tandfdc.com/JNLS/rab.htm

http://www.rbm.hiroshima-u.ac.jp/outline/index.html

http://www.physics.isu.edu/radinf/index.html
**MUROROA ATOLL and FANGATAUFA ATOLL**

http://xs2.greenpeace.org/~comms/rw/dec27.html

http://www.webworkshop.com/tearooms/controve/a-bomb.html


http://csf.colorado.edu/dfax/npn/npn30.htm

http://tahiti-explorer.com/index.html

There is an IAEA document on the Effect of the French Nuclear Weapon Testings in Muroroa and Fangataufa Atolls
GOLDFINGER

Albert Broccoli and Harry Saltzman produces and presents

Guy Hamilton director

Sean Connery-James Bond 007

Gert Frobe-Goldfinger

Honor Blackman-Pussy Galore etc.

James Bond 007 fastened an explosive timed device on Nitro cans. He entered the
cantina where there's a dancer. The plant blew up; the owners fund revolution. He went
to romance the dancer who was a decoy and got bludgeoned in his stead. The goon got
electrocuted in the bath. Shocking!!! James Bond met Felix. Felix pointed to
Goldfinger who was cheating at a card game. Jill was clueing Goldfinger through a
binocular aimed at his opponent's card hand.

Bond seduced Jill. Odd Job. Goldfinger's henchman clobbered James and Jill was found
totally painted in gold, total pores asphyxiation, skin suffocation. M's debriefing: against
Smuggling Goldfinger has gold bullion on deposit in Zurich, Amsterdam, Caracas, and
Hongkong worth 20 million pound most of them came from this country. A) Prices vary
from country to country. B) Illegitimate bullion. Don't know how Goldfinger transfer
the gold overseas. Goldfinger has a metallurgical lab in Kent, England. Bait: bullion
from Nazi horde-5000 pounds.

Q showed 007 an Aston-Martin windscreen bulletproof, revolving all-country license
plate numbers. Transmitting device(homer)(big magnetic)(small-fit in a shoe).
reception-dashboard. Arm of the defense mechanism: smoke screen, oil slick,
rear bullet proof screen, left and right front wing machine gun. Ejector seat for
passenger.

Goldfinger caddy is Odd Job, a Korean(North??). He played a game of gold with Bond. Stake-bar of gold. Odd Job cheated by dropping a golf ball on the ground. Bond switched the balls on the ground. Bond switched the balls to accuse Goldfinger of cheating. He is mad as hell! The homer was attached to the back of Goldfinger's car. Odd Job decapitated the statue's head with his steel rim bowler hat. Bond followed Goldfinger to Geneva(by car, by plane, and by car). Some woman shot at Bond. She was trying to outrun Bond in her car. He caused a double blow-out on the woman's tire. He gave her a lift. Auric Enterprises is where the homer led him to. He found out how the smuggling is done(18 carat gold Rolls Royce body parts). Bond caught the sniper. It was Tillie Masterson, Jill's sister, avenging her. They teamed up. The baddies chased Bond. He used smokescreen, oil slick, smoke screen. Tillie was killed by Odd Job. Bond was caught. He pushed the ejection button on the passenger seat then fired but was blinded by the lights and crashed. He was strapped down and an industrial pulsed laser (class 1? 2? 3? 4?) It must be class 4 with all attendant laser safety hazard(Ask for a Laser Safety Guide, $20 from ftcu8@home.com if you wish.) It could cut through solid metal (e.g. gold). Before the laser cut down 007, Bond bluffed Goldfinger on Operation Grand Slam(he had overhead). Tranquilizer gun. Bond faced Pussy Galore in Lockheed Jetstar bound for Baltimore. Bond put the small transmitter in his shoe. . Bond's homer signal pinpointed Friendship Airport, Baltimore, MD, in Goldfinger jet bound for Kentucky and monitored by another agent Felix. Small airplanes where beauteous women were all trained by Pussy Galore. He was shown to his quarters, a dungeon. The homer was picked up by Felix.
Hood's convention.

In Fort Knox, 50 billion dollars in gold reserve of US with 41000 troops stationed and electrified fence.

Bond escaped his dungeon and eavesdropped and found out about Operation Grand Slam. Flying Circles Pilots spray invisible nerve gas which diffuses after 15 minutes but will induce 24 hrs. unconsciousness. Troops down, electrified fence dynamited.

One of the hoods, Solo, want his $1 million now.

Bond was caught by Pussy Galore. The hoods were gassed. Bond put the homer with a note on Solo's coat pocket. Solo was shot by Odd Jobs. Solo was Felix's friend. The car was crushed at the recycling junk yard. The homer was crushed and the note was lost. The nerve gas said Bond is deadly and 60,000 men will be killed unnecessarily. Bond thought Goldfinger was stealing bars by bars. But no, Mr. Ling, the Red Chinese agent is an expert in nuclear fission, dirty, small atomic device will explode in Fort Knox, entire supply of US gold will be radioactive for 57 years according to Bond and 58 years according to Goldfinger. There will be economic chaos in the West and Goldfinger's gold reserve will be worth 10x. [I suppose, it is not in the plot for me to mention a change to Platinum, Silver, or Diamond Standard for the dollars]. Read through these: activated gold decays in 19 days but some the fission products and transmutated radionuclides are short-lived while some other fission products and uranics and transuranics are very long-lived(see attached) and 57-58 years is pulled out of a rabbit's hat. What is the fission yield for the dirty bomb in Mton, Ci, Bq, then there's time, distance, and shielding effect? Anyway, it is longer than 57 or 58 years. It is stupid to be discussing 1 year difference. Just Cs-137, 30 years $T_{1/2} \times 7$
=210 years.

Au-198  2.7 days half-life  317 keV average beta energy, limit spread of ovarian
cancer 2.7 days half life x 7 half lives=18.9 days it will be stable.


Secondary reference:  J.J. Bevelacqua, Contemporary Health Physics, Problems

However, there are other fission products like long-lived Cs-137(30 y), Co-60
(5.25 y), Sr-90(29 y), Kr-85(10.7 y), and short-lived Y-90(64 h), I-131(8 d), Kr-88(2.8
hrs), Xe-133(5.2 d), Xe-135(9 h), Ce-141(32.5 d), Ce-144(284 d), Ru-103(39 d), Ru-
106(368 d ), Rh-106(30 s) not to mention the very long lived(years) uranics and
transuranics that become oxides or are aerosolized. It depends on the tonnage of
the bomb and the Ci or Bq amounts.

Reference: J.J. Bevelacqua, Contemporary Health Physics, Problems and Solutions.

Also, B. Shleien, L.A. Slaback, Jr., B.K.Birky, editors.  Handbook of Health Physics
MD(1998)

Well, enough said, ask a nuclear engineer or a health physicist next
time.  A tussle in the hay(James Bond and Pussy Galore).  The planes sprayed a gas,
nerve gas ? The troops fell. "The Baby is Asleep." Goldfinger's men in army
uniforms and the Chinese blew up the electrified fence.  (This is a slight on the
Chinese people).  (The Chinese do have atomic weapon capabilities.  Remember
though not to provoke them.)  (9/7/99 New York Times talks about Chinese
They used the pulsed laser carted in a Red Cross Jeep to cut through the steel door. They brought in the atomic device and set the timer and pushed into the vault 4 minutes and counting. The troops of Fort Knox rose up from their fallen position to fight the goons of Goldfinger. Bond was handcuffed to the device but managed to extricate himself with the key from a felled goon. He faced Odd Job. Bond took his bowler hat and threw it to the steel bars. When Odd Job went to take it, he electrocuted Odd Job with a spliced electric wire. A government men deactivated the bomb only 7 seconds before detonation. Pussy Galore helped the government guys switched the gas canisters to non-toxic. Why? "I must have appealed to her maternal instincts." Bond said.

Goldfinger hogtied the pilots, replaced them with Pussy with James. He fired a shot. Goldfinger was sucked out of the airplane. James and Pussy parachuted down.
**Au-198 and other fission products**

2.7 days half-life 317 keV average beta energy, limit spread of ovarian cancer

2.7 days half life x 7 half lives = 18.9 days it will be stable.


However, there are other fission products like long-lived Cs-137(30 y), Co-60(5.25 y), Sr-90(29 y), Kr-85(10.7 y), and short-lived Y-90(64 h), I-131(8 d), Kr-88(2.8 hrs), Xe-133(5.2 d), Xe-135(9 h), Ce-141(32.5 d), Ce-144(284 d), Ru-103(39 d), Ru-106(368 d), Rh-106(30 s) not to mention the very long lived(years) uranics and transuranics that become oxides or are aerosolized. It depends on the tonnage of the bomb and the Ci or Bq amounts.


H-MAN 1959 renewed 1987

Columbia Pictures

Hideo Kaijo writer

Inoshiro Honda producer

Japanese Film dubbed in English

First Scene

H-Bomb exploded

It is raining. A man came from the underground and started shooting at the below. He disappeared leaving his clothes and shoes behind. The police wondered if he was a magician. He left behind 700-800 million yen of narcotics in a bag. Police hauled in Mr. Chin who pinpointed Misaki as the carrier. The police went to his house and picked up Misaki's wife, Chitako. She found out he was peddling narcotics and wept. She is a nightclub entertainer songstress who makes 50,000 yen or better.

Enter Professor Masada, professor in biochemistry. He is studying the bioeffects of H-bomb explosion for the physical effects of Sr-90, Cs-137, Pu. He found an unusual phenomena wherein a man dissolve in the rain made radioactive by H-bomb in the Christmas Island.

Chitako was accosted at home by a criminal. He slapped her around. Gunshots rang when he left through the window then only his clothes remain. Chitako told the cops she saw a shadow.

A fishing boat encountered a deserted ship in high seas. There were clothes and shoes but no body. The fishermen saw slime oozing blob and the blob swallowed the fisherman
who turned into a glowing full size human form liquid blob that gobbles up people. The fisherman called it ghost, monsters. The police didn't believe them. Sailor's story, they said.

Professor Masada called them Victims of Radiation.

The logbook of the captain of the deserted ship said: on the day of the Hydrogen testing at Christmas Island by England, 6 of his men disappeared. 23 other men were not mentioned. They may have dissolved too.

The atomic explosion and the shock wave and deadly rays emitted could have killed the men; but their turning into radioactivity liquid blob, that is pure science fiction.

Can you turn hydrogen in the three quarters water in the body to tritiated water totally?

Dr. Masada in Dr. Maki's laboratory illustrated the effect of radiation rays on living things using a radiation ray emitting equipment. A frog was put in the beam. The frog started dissolving. A slide of it showed the liquid to be alive. Liquid monster.

Meanwhile, another victim… The life preserver from the deserted ship was found to be radioactive.

Chitako told Dr. Masada that she saw the criminal dissolving.

Dr. Masada was authorized by Dr. Maki to announce that the people disintegrated because of radiation.

Back at the nightclub, Chitako fingered the waiter who was the contact man for the criminals. The police handcuffed the criminals. The liquid blob monster appeared and dissolved the waiter and dancers. The police shot at it but the blob dissolve the police. After more shooting, the blob moved away.
Great, a radioactive blob monster fearing lead bullets.

This movie is getting more inane.

A criminal left his clothes and shoes to escape the police pretending he has been dissolved.

Dr. Masada told the police his conjecture that the 6 men that were dissolved in the ship in turn dissolved the 23 other sailors before the ship came to Tokyo Harbour and released the H-Man to the populace.

The antidote to the H-Man Menace according to the Chief of Police are

1. high voltage
2. Fire

Dr. Masada knew the criminal fooled the police because his clothes were not radioactive. Chitako was misled by the criminal into a car which was chased by Dr. Masada in a taxi. Dr. Masada's car got into an accident.

Meanwhile at police headquarters, they were preparing high voltage electricity to counter the liquid creature. Flame thrower group will attack the blob in the sewer. Evacuation of the entire area was done.

Chitako was led down the sewer by the criminal that faked his death. He got 50 million yen bag of heroin. They encountered the blob. The bad guy told Chitako to remove her clothes; she did and the police and Masada picked it up from the sewer. The police put flame down the sewer.

Did they have to put gasoline or chemicals so the water would not snuff out the flame?

What a miserable person Chitako is!!!

The bad guy was dissolved. Masada found Chitako. The flame was coming closer. The
liquid creature was burnt. There was a conflagration of the area. Houses were burned, bridges too.

Statement of Dr. Maki:

The creatures are being destroyed; their destruction today is no guarantee for the future; if man perishes from the face of the earth due to hydrogen bombing, it is possible that the next ruler of our planet might be the H-MAN.

GREAT!!! WE HAVE BEEN WARNED!!!
SHADOW

Universal Pictures presents

Bryman/Baer production

Russell Mulcany director

Written by David Koepp

Alec Baldwin (Shadow, Lamont Cranston)

John Lone (Shivan Khan)

Penelope Ann Miller (Margo Lane)

Ian McKeller (Rinehart Lane)

Tim Curry (Claymour)

Peter Boyle (Mac)

Jonathan Winters (Uncle)

Opium Field, Tibet

Ying Kuo or Lamont Cranston was formerly very bad, killed a competitor in poppy fields
was abducted by a holy man who changed him to good. "You know what evil lurks in
the hearts of men" said the holy man. The price of redemption for Cranston was to take
up man's struggle against evil. The Tulku taught him to cloud man's minds, to fog their
vision through force of concentration, leaving visible the only thing he can never
hide…his Shadow. (Great, self style vigilantes against killers)

Thus armed, Cranston returned to his homeland, that most wretched of villainy known as
…

NY City, 7 years later

A Chinaman, Dr. Roy Tam, Professor of Science at New York University, was about to
be thrown into the Hudson River with bricks to make him sink to the bottom. Shadow saved him and made him his agent. Code: the sun is shining. Answer: but the ice is slippery. He was given a ring.

Lamont Cranston went to the Cobalt Club to meet Wainwright, Chief of Police, his uncle who is after the Shadow. Lamont being the Shadow psyched him out of pursuing the Shadow. The uncle is criticizing him on his lifestyle, nothing to do. The uncle said that Margo Lane is strange, hears voices. Lamont and Margo went for Peking Duck where he spoke Mandarin. They had mental telepathy.

Mummy(no) case from Tibet, metal, solid silver, sarcophagus(no, Tibet's sarcophagi are made from stone). The Power of God on Earth. The seal of the Emperor of Mankind. Temerji, 8th century ago, Genghis Khan.(Mongolia, Ming Dynasty, Ming Tomb in Xian) (There are 5 groups in China: Han, Man, Mong, Hwe, Chang=Han, Chinese, Man, Manchuria, Mong, Mongolia, Hwe, Muslim, Chang, Tibetan) They mixed and matched in the movie.) (Outer Mongolian cosmonaut went to outer space with the Russians). The case is opened and out came a Khan that made the guard sacrifice himself by pulling his gun's trigger to his temple.

Dr. Lane was being hustled by Mr. Claymore who has a Beryllium Sphere. Mr. Clayton more or Mr. Claymore wanted Margo; she rebuffed him all the time. Khan killed the taxi driver too by mental delusion.

Shadow's intricate network warned him of the incidents. He went to the sanctum.

Shiwan Khan was at the sanctum wanting Ying Kuo, a former student of the Tulku like him, who remained bad. Genghis Khan conquered half the world whereas Shiwan Khan will conquer the whole world for the lost Empire of Shanking. He wanted Ying Kuo the
butcher of Llasa as barbarian as Shiwan Khan. (Watch it for the NY taste). The day of the Mongol warrior is once again at hand. Metal analysis by Dr. Roy Tam of the coin Khan gave to Cranston for the shot of bourbon indicates that it is bronzetium (what is that? It is fictitious) Tam said legend has it that it is the very stuff the universe was made of; Shanking is the birthplace of the world. It is unstable on the molecular level, prone to expansion, if the bonds are breached, implosion then explosion, can be fashion into an implosion-explosion submolecular device, in other words a bomb. Great-the military wants it. Beryllium sphere to contain the device. Dr. Lane was working on such an implosive device for energy research with the War Department. (A thermonuclear bomb is a fission-fusion-fission bomb like the one dropped in the Marshall Islands on March 1, 1954-terrible repercussion when the wind shifted and the fallout rained on the inhabited islands of Rongelap and Utirik. The USA told the Marshallese the bombs being tested were for World Peace. See my book, Misconceptions about Radiation, Part 1, Facts are Stranger than Fiction in Hiroshima, Nagasaki, Marshall Islands, Part 2, Volume 1).

Shiwan Khan just mentally telepathized Rinehart Lane to give him the implosive device and Margo Lane to kill Lamont, the Shadow. Shadow fought the barbarian hordes at Dr. Lane's laboratory. He was wounded. Margo went to his house to shoot him but shoot his image on the mirror only. She realized he is the Shadow. The Shadow went to Chinatown and met Shiwan Khan. Khan said:" You Americans are arrogant; you think your meaningless decadent country is the new cradle of civilization." The American was incensed. Khan disappeared to an empty lot strewn with waste papers. Shadow dreamed he was Khan. Khan telepathically made a sailor jumped to his death for insulting him by
hypnosis.

Margo told Lamont that Claymore has a beryllium sphere. He went after him. Claymore poured water into his tank and shot Shadow whose footsteps caused an indentation in the water and then locked him in the spherical tank. Lamont telepathically reached Margo who unlatched the door to the tank and saved him. Lamont became feverish from the wound and remembered his butchering days at Llasa with much regrets. Khan megalomaniacally proclaimed himself Emperor of the World.

The site of the old Hotel Monolith was sold to a Far Eastern buyer. Shiwan Khan has hypnotized the entire city into not seeing the Hotel Monolith. The bomb was activated for 2 hours by Dr. Lane who was hypnotized by Khan.

Shadow summoned his taxi driver, Mac, and Margo to the hotel site. Shadow entered the hotel and fought the hordes and Clayton More. **How can Shadow be invisible; is it hypnosis?** He deluded Clayton More into jumping to his death. Mental telepathy fight between Khan, Shadow through telekinesis of the dagger. The dagger switched to Shadow's control and stabbed Khan and released his power and mental control over everyone, e.g. Dr. Lane. NY City saw the Hotel Monolith. Dr. Lane finally manages with 1 minute left to disarm the bomb. Shadow won over Khan and Khan had a lobotomy of his frontal lobe to prevent telepathy and was strait jacketed in a psychiatric hospital by one of Shadow's Dr. agent.

**IS THERE MENTAL TELEPATHY, SEE WEBSITE NEXT PAGE; IS THERE TELEKINESIS, SEE WEBSITE NEXT PAGE.**

China succeeded on Sept. 25, 1992, in exploding a bomb based on the miniaturization secret. The atomic bomb trigger is placed above the hydrogen bomb fuel. The US accused the Chinese of stealing the nuclear secrets from the US to make the small warheads. The Chinese denied it saying they worked hard at it from 1979 to 1992. The first atomic bomb designed by the Los Alamos National Laboratory and detonated in the New Mexico desert in July 1945 was big. A lump of plutonium the size of a softball was surrounded by a much larger ball of high explosives that was five feet wide and made up of 32 explosive charges and 64 detonators. In 1952, the H-bomb was invented. Roughly a thousand times more powerful than the first atomic weapon, the hydrogen bomb was a two stage device. Inside its dense casing, an atomic explosion called the primary worked as a match to kindle an even more powerful detonation by the bomb's hydrogen fuel known as the secondary.

The round shape was changed to an ovoid shape, roughly like a watermelon. Beijing's first hydrogen bomb came 32 months after the atomic bomb; London 66 months, Moscow 75 months, Washington 87 months, Paris 103 months. The Trident can carry eight W-88 warheads, each of which can seek a different target.
MENTAL TELEPATHY

http://www.theosophy.org.nz/limitles.htm

http://www.the-sanctuary.org/

http://www.otherplane.com/para/medium.htm

http://fiasco.telerama.com/cast/cbg.html

http://tommj.sc.nasa.gov/~woodfill/SPACEED/SEHTML/scifi.html

TELEKINESIS


http://www.experimentalist.com/


http://www.virtual-markets.net/go/btcarrol/skeptic/kinesis.html

http://www.spiritonline.com/meditation/telekinesis.html
STAR TREK II

THE WRATH OF KHAN

1982  Paramount Pictures Presents

William Shatner, Leonard Nimoy, De Forest Kelly, James Dorhan, Walter Koenig,
George Takei, Nichelle Nichols, Bibi Besch, Merritt Burdick as David, Paul Winfried
as Terrell, Kirstie Alley as Saavik, Ricardo Montalban as Khan

Created by Gene Roddenberry

Produced by Robert Sallin

Story by Harve Bennett and Jack Sowards

Directed by Nicholas Meyer

Screen Play by Jack Sowards

This is the brief summary of the movie.

23rd Century

The Federation Starship U.S.S. Enterprise is on routine training maneuvers, and Admiral
James T. Kirk seems resigned to the fact that this inspection may well be the last space
mission of his career.

But Khan is back.

Aided by his exiled band of genetic supermen, Khan, brilliant renegade of 20th century
Earth, has raided Space Station Regula One, stolen a top secret device called Project
Genesis, wrested control of another Federation starship(Reliant), and now schemes to set
a most deadly trap for his old enemy Kirk…with the threat of a universal Armageddon!

The long version:
Kirstie Alley was commanding the Enterprise on a training mission to Gamma Hydra approaching the neutral zone. They were trying to avoid the neutral zone. But Kobayashi Maru issues a distress signal and they had to enter the neutral zone and violate the treaty. They met 3 Klingon ships who fired torpedoes at them and hit them. A lot went down. They had to abandon ship. Oh, well, it was a staged performance, a training of the new trainees. A no-win situation.

Project Genesis is to find a completely lifeless planet to start life anew, e.g. Siti Alpha 6. Starship Reliant beamed Chekhov and Terrell down only to find a makeshift lodging of a ship that crashed. Botany Bay. Khan and his genetic engineered crew confronted the 2. Khan and his men were marooned in Siti Alpha 6 by now Admiral James T. Kirk 15 years ago. It is not really Siti Alpha 6 which exploded 6 months ago. It is Siti Alpha 5, shifted in its orbit to make it desolate and barren. Khan took the young from an animal indigenous to the Siti Alpha 5 and this young enters the ear of the human, wraps itself around the cerebral cortex and make the victim prone to suggestion and madness and death.

Admiral James Kirk got on board the USS Enterprise for an inspection. Saavik piloted The Enterprise out of dock for the first time.

Khan and his crew had taken over the Spaceship Reliant. Commander Chekhov contacted Dr. Marcus of Project Genesis and told her Siti Alpha 6 has checked out and Project Genesis was to be transferred to Starship Reliant. He said it is orders from Admiral James T. Kirk.

Actually it is Khan's manipulation.

Dr. Carol Marcus confronted Admiral James T. Kirk on this supposed order. He is
Checking Space Station Regula One.

Warp Speed.

Retina Scan-security scan.

Dr. Carol Marcus reported in her videotape that Genesis is life from lifelessness.

It is a process whereby molecular structure is reorganized at the sub atomic level into life generating matter of equal mass.  (*In the Bible, it was God.  Here it is the genesis scientists.  I do believe it is possible.*) The stage 1 is at the laboratory; stage 2 is lifeless underground; stage 3 is lifeless moon or other planets.

Genesis Device delivers instantaneously causing the genesis effect. Matter is reorganized with life generating results. Universal Armageddon if life already exists. USS Reliant fired at the USS Enterprise and the battle began. Terms of Surrender: Kirk and the Genesis. Kirk fooled Khan and lowered Reliant's shield and Enterprise fired on them. A new trainee is killed.

Kirk, Bones and Saavik beamed down (*TELEPORTATION-another great idea!* See The Fly and websites on teleportation) to the Space Station Regula One and found many tortured crew members dead. They found Chekhov and Terrell.

Reliant crew were marooned on Siti Alpha 5. Khan overheard damage reports on Enterprise through a wrist watch sonar transmitter "walkie-talkie" on Chekhov.

The crew found the Genesis device underground. Dr. Carol Marcus and David, her son by Kirk, met Admiral James T. Kirk. Carol wouldn't let David chase around the Universe like his father so did not tell David.

Terrell and Chekhov under Khan's control were told to kill them. Terrell turned the phaser on himself. The creature came out of Chekhov's ears. Khan stole the Genesis
Device through teleportation. Khan jammed all channels. They showed the underground genesis matrix created in a day; life accelerated.

**MARVELOUS, WONDERFUL, A NEW EDEN.** KIRK AND CAROL HAND IN HAND. The group teleported back to the Enterprise.

Bones told Saavik that Kirk reprogrammed the scenario for a ship to survive in the Kobayashi Maru incident so that he is the lone winner in that no-win training maneuver.

Kirk made Khan chase him through nebula. Phasers, torpedoes, later…surrender orders were issued to the Reliant. The Genesis Device was activated. To prevent from being killed, the Enterprise warp speeded out of the nebulae but only after Spock put back on line the nuclear reactor core. He donned gloves then open the casing cap and manually realigned the nuclear reactor core. He was naturally irradiated. *(See Radiation Syndrome in the Atomic Kid)*. SEE THE ATTACHED LIST OF WEBSITES ON FREE RADICALS THAT CAUSE THE RADIATION DAMAGE AND CHELATING AGENTS OF RADIONUCLIDES INHALED OR INGESTED OR ROUTED THROUGH THE SKIN TO CURE AND EMERGENCY MEDICINE. WITH THE DIRECT EXPOSURE TO THE NUCLEAR REACTOR CORE OF FISSION PRODUCTS THAT ARE AIRBORNE OR LEAKS OUT, NO HUMAN COULD HAVE TOLERATED THE MASSIVE RADIATION EXPOSURE, DOSE AND DOSE EQUIVALENT. SPOCK IS A VULCAN. BUT HE IS NOT "IMMUNIZED". I DOUBT IF ANYONE CAN BE. RADIOACTIVE IODINE AND RADIOACTIVE CESIUM COULD BE BLOCKED OR COMPETED WITH FOR SITES IN THE CELL BY POTASSIUM IODIDE.
RADIOACTIVE SR-90 BY CALCIUM. DIURETICS COULD BE ADMINISTRATED TO ELIMINATE TRITIUM. READ THE WEBSITES ATTACHED AND I PROMISE THAT YOU WILL BE ENLIGHTENED.

ONE CAN SEE THE AGING EFFECT ON SPOCK. HE DIED VALIANTLY.

He said that the needs of many outweighs the needs of the few or one.

Genesis was released and created a world. The crew of USS Enterprise paid their final Respect to Spock. **Supreme sacrifice.** Death in the Shadow of Life. His casket was sent out into space to the new Genesis generated planet. Kirk and David has a Father to Son talk. Reliant crew were picked up from Siti Alpha 5.

**NEXT STAR TREK, SPOCK GOT REBORN LIKE STARMAN-GENESISCALLY.**
FREE RADICALS AND CHELATING AGENTS

100 Scientific Studies on Free Radicals

http://www.oralkhelation.com/technical/freeradical2.htm

Chelating Agents for Radioactive Nuclides

http://www.doe.gov/em52/54807.html

Chelating Agents

http://www-cmrc.sri.com/CIN/MarchApril96/Article03.html

All about EDTA

http://www.acam.org/biblio.htm

Vanderbilt University

http://www.vanderbilt.edu/AnS/Chemistry/chemmain/jones.html

They don't like EDTA

http://www-cmrc.sri.com/CIN/MarchApril96/Article03.html

Chelating Agents for Iron

http://www.cnrs.fr/Cnrspresse/en22a1.html

Emergency Medicine

http://www.pitt.edu/%7emartint/pages/emrescur.htm

DMSA for chelation of mercury

http://diss.kib.ki.se/abstract/980123sand.html

Vitrokele

http://vitrokele.com/soil/metals-capture.htm

Chelating Agents

http://www.uio.no/~vebjornb/hydro/scale/ifp.html
EDTA Chelation Therapy

http://drcranton.com/edtabib.htm

HgEDTA Complex

http://www.algonet.se/~leif/yrDUH93a.html

Dental amalgam

http://www.amalgam.org/
SUPERMAN AND THE MOLE MEN

Warner Bros. Present

Starring George Reeves and Phyllis Coates etc.

Richard Fielding screenplay

Produced by Barney Sarecky

Directed by Lee Sholem

Superman came from Krypton which exploded(some other episodes say had a thermonuclear war) to earth as a baby.

He is Clark Kent, Metropolis Daily Planet staff reporter.

He and Lois Lane went to the National Oil Company, Silsby, 1430 people. Havenhurst Experimental Station to feature it in the Daily Planet newspaper. Mr. Corigan, the foreman, ordered the men to bury everything. They are shutting down the oil well.

They reason was proffered to Clark after the night watchman died(perhaps a heart attack) and Lois saw two mole men. Mr. Corigan said that 21 mos. ago, Sept. 5, they started drilling; they drilled 24810 ft. after 9 mos, June 3. Later, June 26, they had drilled down to 30,000 ft. and the samples when the light is switched off, shows glowing, phosphorescence. Is it radioactive? The conjecture was Radium. At 32600 ft. the drill broke through and the found the center of the Earth is hollow. They found living microorganisms 6 miles down. The mole men came to a kid's room and played with her. But the mother screamed and the town meanie started a mob going after the mole men. Posse. Superman went ahead of the mob and ordered that the kid and mom be wrapped in heavy blanket and brought to the hospital for possible decontamination.

Paranoia and hysteria was obvious. One of the mole men was shot and Superman
reached him before he fell into the water reservoir. The posse chased the other mole man to a shack and set fire to the dry sagebrush they piled around it. The mole man escaped through a loose plank on the floor. He went back down the drill shaft. The injured mole man was operated on. He had the same structure as human except for hairy body and big head. The lynch mob was after him. Three mole men came up from the drill shaft carrying a pulsed ray and shoot at the mob leader. Superman saved the mob boss from the death ray. He announced that the glowing is harmless phosphorescence.

The mole men blew the drill shaft to prevent anyone from going down to their hideaway. You live your life; we live ours.

SO, IT IS NOT RADIUM AFTERALL. TOO BAD FOR THE RADIUM DIAL PAINTERS.
FAREWELL TO THE MASTER

By Harry Bates


Filmed as The Day the Earth Stood Still, 1957 Movie Version. 20th Century Fox

Michael Rennie (Spaceman Klaatu)
Patricia Neal (Helen Benson)
Hugh Marlowe
Sam Jaffe
Billy Gray
Frances Martin

Screenplay Edmund North
Producer Julian Blaustein
Director Robert Wise

The book and the movie have different characters and stories and endings.

On the radar Screen, the men were tracking a large real UFO circling the earth at 4000 miles/hr. People were running in panic. The Flying Saucer, Spaceship landed on a grassy lawn in Washington, D.C.; police cars and tanks came over. Artillery and machine guns galore.

The Radio announcer was trying to calm everyone. The spacecraft landed at 3:47 pm EST.

After 2 hours, a spaceman appeared. Klaatu offers his gift for the President and got a bullet in the arm from one of the soldiers. In the book, a mentally unbalanced person
killed Klaatu.

Back to the movie, a robot, Gnut or (Gurt) dissolved the artilleries and tanks and machine guns into piles of metals with "laser eyes" or WHAT? What can heat up and dissolve metals? Very high temperature well concentrated monochromatic beam. Klaatu got up from where he has fallen and told the soldiers the gift to the president would have let him study life in the other planets. Klaatu was taken to Walter Reed hospital. An emissary, Mr. Harding, visited Klaatu. He told Mr. Harding he has traveled 5 months earth months and 250 million of your miles. He said that he wants to meet with every representative of the earth. United Nations. Radio broadcast. The future of your planet is at stake. I am not as cynical as you are. The robot did not move. From the book, "metallurgical engineers found the robot and the ship impregnable. They found no crack where the spaceman came out. Blowtorch and diamond drill. The sent electrical currents of tremendous voltage and amperage through the robot. The applied terrific heat to all parts of the robot; gases and acids and every known kind of rays were applied to no avail. All the organs of Klaatu were found same as humans. He was thought to be 35-38 years old. Klaatu said he was 78 with life expectancy of 130 yrs. old. After the bullet was out, the wound healed with the salve Klaatu placed on his arm.

The emissary read the replies by the heads of states. Meeting in Moscow for the Russians but not for the British. Klaatu got angry and impatient with the stupidity of the humans. He said that my people had learned to live without it.

The doctors and military brasses would not let him go out. He left anyway and the police went on a spacemanhunt. The radio said he is a monster at large. The conjecture of which planet he hailed from was Venus or Mars. Klaatu assumed the role of Mr.
Carpenter and checked in at a boardinghouse. He met Mrs. Benson and Bobby, her boy.
The radioman from Miami Beach, Florida started to scare the populace: destroy, track
down the spaceman like a wild animal-grave danger-neutralize this menace; Paranoia.
One of the women in the boarding house opined that the spaceman was from earth itself.
Tom Stevens picked up Mrs. Benson.
Bobby spent the day showing Mr. Carpenter around in the city-Arlington Cemetery
where his father was buried. Klaatu said his planet does not have any war. Movie, ice
cream cone(Klaatu exchanged 2 diamonds for $2). Lincoln's Memorial. Then the
Spaceship.
Klaatu in the guise of Mr. Carpenter told Bobby that the power is a highly developed
form of atomic power, 4000 miles/hr and lands by overcoming the inertial.

**ATOMIC POWER FOR SPACE TRAVEL. WE HAVE ACHIEVED THAT FOR
UNMANNED SPACECRAFTS WITH RADIOISOTOPE THERMOELECTRIC
GENERATOR(RTG) FOR GALILEO, VOYAGER, MAGELLAN, AND CASSINI.
WHAT ELSE? SATELLITES
THE GEMINI, APOLLO, SOLYUT, MIR, SHUTTLES DISCOVERY,
COLUMBIA, CHALLENGER, ATLANTIS, INTERNATIONAL SPACE
STATION ARE POWERED BY SOLAR PANES AND PHOTOVOLTAIC CELLS,
FUELS, RTG…? WHICH IS POWERED BY NUCLEAR REACTOR? "STAR
WARS II, THE WRATH OF KHAN, DOES NOT COUNT"
DESTRUCTION OF THE STOCKPILE OF NUCLEAR WEAPON ARSENALS
WOULD BE ONE WAY TO REDUCE THE THREAT OF A NUCLEAR WAR.
BUT WHILE THE US IMPOSED ECONOMIC EMBARGO AND NO TOURISM
TO INDIA AND PAKISTAN TO STOP THEM FROM PROLIFERATION OF NUCLEAR WEAPONS, US AND RUSSIA TEST SUBCRITICAL ASSEMBLIES IN NEVADA TEST SITE AND NOVYLA SEMLYA AND DOES NOT SIGN THE NONPROLIFERATION TREATY THEMSELVES...

SO WHO IS FOOLING WHOM?

THE PEOPLE'S REPUBLIC OF CHINA IS PROUD OF BEING INDEPENDENT OF RUSSIA IN ITS NUCLEAR FIELD. THEY DETONATED A BOMB IN OCTOBER 1977 WHICH FISSION PRODUCTS WERE RECORDED IN THE AIR SAMPLER WHEN WE WERE IN THE MARSHALL ISLANDS. SEE http://members.home.net/eac8/ for FLORENCE CUA'S PUBLICATIONS.

IN JULY, 1987, WHEN WE WENT TO THE 8TH CONGRESS OF RADIATION RESEARCH IN SCOTLAND, WE MET HIROSHI OF A METEOROLOGICAL INSTITUTE IN JAPAN AND HE SUBSEQUENTLY FORWARDED INFORMATION ON THE NUCLEAR WEAPON TESTINGS IN CHINA. I SENT IT TO NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION WHERE CELSO BARRIENTOS, PH.D., WORKS. WELL, NO ONE WILL RUN AFTER ME FOR THAT, RIGHT. YOU SHOULD KNOW, JAPAN IS STOCKPILING ON PLUTONIUM. THERE IS FAST BREEDER REACTOR IN JAPAN AND FRANCE.

BY THE WAY, WE CONSULTED FOR 1 MONTH IN CHINA IN 1984 AT THE UNIVERSITY OF TIANJIN, INSTITUTE OF ATOMIC ENERGY, BEIJING, AND INSTITUTE OF RADIATION PROTECTION IN TAIYUAN, PEOPLE'S REPUBLIC OF CHINA. THAT DAY WE WERE IN BEIJING, THE NORTH
KOREANS WERE THERE AND THE TIANANMEN SQUARE WAS FESTOONED WITH NORTH KOREAN FLAGS. I AM A FILIPINA-CHINESE AND THAT CALLS FOR 2 CHINA POLICY. THE PHILIPPINES RECOGNIZED TAIWAN BEFORE CHINA REPLACED TAIWAN IN THE UNITED NATIONS AND AFTER THAT RECOGNIZED PROC. THE HONGKONG CHINESE WOULD NATURALLY OPT FOR 1 CHINA POLICY. I DO SOMETIMES. I KNOW A RED GUARD IN PROC THAT IS HAPPY SHE DOES NOT HAVE TO OBTAIN A BRITISH VISA WHEN SHE GOES TO HONGKONG NOW. I SAW WHERE CHIANG KAI SHEK WAS PUT UNDER HOUSE ARREST IN XIAN TO LEARN ABOUT CHINA.

Klaatu's fear is for power to substitute reason.

Professor Barnhardt is working on problems in celestial mechanics. Klaatu said that he cannot solve it his way. He wrote the way to solve it.

Mr. Brady, a government man brought Mr. Carpenter (Klaatu) to Professor Barnhardt and Klaatu revealed himself. Prof. Barnhardt said that it is not faith that makes good science; it is curiosity. Atomic energy to power spaceship. Klaatu warned that if earth threatens danger then earth faces danger.

Only thing earth understands-violence, e.g. leveling NY, sinking the Rock of Gibraltar. Klaatu wants to meet the finest men of the world at his spaceship. If earth refuses to comply with demand for nonviolence-earth will be eliminated. The professor wants a display of a dramatic but not destructive show of extraterrestrial intelligence.

That night, Mr. Carpenter lied to the boy that the light went out in his room and he needed a flashlight. He went out. The boy saw there was light in his room and
followed him to the spaceship. Klaatu used the flashlight to signal Gnut, the robot, who knocked the 2 soldier's head against each other. Klaatu entered the spaceship. Bobby saw it all.

Bobby stayed up all night waiting for his mom to come home from her date with Tom. Tom found no Mr. Carpenter in his room but diamond. Bobby told all to his mom and Tom.

The next day, Mr. Carpenter went to Mrs. Benson and was stuck with her in the elevator from 12 noon to 12:30 pm. He revealed himself to her and told her that should anything happen to him, she should go to the robot and tell him "Klaatu Barrada Niktu".

At 12 noon for 30 minutes, all electricity was neutralized all over the world except for hospitals and planes in flight. It made the people feel insecure. The president of the US is prepared to declare a national emergency.

Meanwhile, Tom found out from 3 appraisers found no diamonds like that exist in any place in the world.

The robot was immobilize by encasing him in KL93, plastic stronger than steel.

Step up manhunt for the Space Man. Washington, D.C. was quarantined. Tom called General Cotter. He wants Helen to marry a big hero. She did not want to marry Tom now. Tom told Gen. Cotter where Klatu is. The Army moved in. Helen Benson got to Klatu before the army arrived. Sammy, the neighborhood kid snitched. Yellow cab with 1 man and 1 woman in back. License plate 80012. Mr. Carpenter, Klaatu, was shot while running from the cab and died.

From the book, "a faint red glow was spreading over the robot's body. Gnut was being heated into incandescence. Gnut passed dull red to one brighter and brighter, clearly
glowing now even through the magnifier. He had within somehow the means to raise his own body temperature, and was exploiting the one limitation of the plastic in which he was locked. "Glasstex", KL39 was a thermoplastic material, one that set by cooling and conversely would soften again with heat. Gnut was melting his way out."

Gnut freed himself and disintegrated with his "monochromatic red heat ray like laser or maser" the 2 guards. Mrs. Benson went to the robot and he advanced to her; she retreated and fell down. She stopped him by saying "Klaatu Barrada Niktu." The robot carried Helen into the spaceship. She was sealed in. Gnut went back out and disintegrated things in his path. He brought back his master. Klaatu was revived temporarily by a machine. **Great going, who ever makes that kind of machine will inherit the earth. Nothing like resurrection of the dead. The Power of Life and Death.** Jesus raised Lazarus from the dead. Naturally, Helen asked Klaatu if the Robot gave him life and Klaatu being the superintelligence said only the Almighty Spirit can do it but that he is temporarily revived by the life-giving machine. **The movie and story is by far the most reasonable and life-saving. The book is very different from the movie in human characters only.**

**In the book, the robot was master. In the movie, Klaatu is master.**

The scientist and good men came to the spaceship. Klaatu's words:"The Universe grows Smaller everyday. And the threat of aggression by any group anywhere can no longer be tolerated. There must be security for all or no one is secure. This does not mean giving up freedom, except the freedom (**license-FTC's word for it**) to act irresponsibly. Your ancestors knew this, when they made laws to govern themselves and hire policemen to enforce them. We of the other planets have long accepted this principle. We have an
organization for the mutual protection of all planets and for the complete elimination of aggression. The test of any such higher authority is of course the police force that supports them. For our policeman, we created a race of robots; their function is to protect the planets in spaceships like this and preserve the peace. In matters of aggression, we have given them absolute power over us. This power cannot be revoked. At the first sign of violence, they act automatically against the aggressor. The penalty for provoking their action is too terrible to risk. The result is we live in peace. Without arms or armies, secure in the knowledge that we are free from aggression and war, free to pursue more profitable enterprises (like doing peacefully Ecommerce over the internet). We do not pretend to have achieved perfection; but we do have a system and it works. It is no concern with us how you run your own planet. But if you threatens to extend your violence, this earth of yours will be reduced to a burnt out cinder. Your choice is simple, join us and live in peace, or pursue your present course and face obliteration."

The spaceship left the earth.

IF I WAS MRS. BENSON, I WOULD HAVE GONE WITH KLAATU TO HIS PLANET AND ENJOYED A LESS VIOLENT WORLD.

THEIR PAINS AND THE PRESENT GREEKS CAUSED PAINS TO THE FILIPINAS AND FILIPINOS BY THEIR CALLING US ALL MAIDS AND HOUSEBOYS. I WOULD LIKE TO SMACK THEM ONE ON THEIR LIPS.

SO HOW CAN WE HAVE HARMONY AND LESSEN THE VIOLENCE IN OUR WORLD?

BIG BOLD LETTERS ARE FLORENCE CUA'S COMMENTS.
THE FLY

Brooks films present revised in 1986

David Cronenberg(director) Film

Written by George Langelaan 1957

Produced by Stuart Cornfeld

Jeff Goldblum-Bartok Science Industries Systems Analyst should be a Physicist too(Brundle)

Geena Davis, a journalist for Particle Magazine

John Getz

At a Bartok party, Jeff and Geena met. Basically, he invented with the help of physicist, molecular biologist, computer programmer, and others 2 telepods controlled by computer that is voice activated and analyzes by molecular analyzer inanimate objects like the polyamide nylon(pantyhose) and perform successful teleportation from one telepod to the other.

Geena asked if the telepod is a microwave oven or a holographic apparatus.

He explained that the object disintegrates in one telepod then reintegrates in the other.

The editor, Getz, called Jeff a magician, a con man.

Jeff or Brundle in the movie, laments the teleportation is for inanimate objects only.

He suggested that Geena follows him around and write a book ending with him teleporting from one telepod to another, 15 ft. apart.

The editor found out that Jeff is of the F32 team that at 20 almost won the Nobel Prize in Physics.

He tried to transport a baboon(organic carbon base with trace elements) but was
unsuccessful-gory, bloody mass.

He then tried to teleport a steak and compared the taste with a nonteleported steak.

He realized that the computer analyzes the steak on its own and does not know the concept of flesh. So he programmed the computer for the subjective.

The side story that is developing is that Geena dumped her former boyfriend, the editor, and made love to Jeff.

They were successful with the baboon at last.

Now, he said he does not have to be car sick, sea sick, motion sick by teleportation.

A fly came in.

One night, Geena left him to square matters with her ex-boyfriend. He did not know.

He got drunk and decided to teleport himself naked. The fly went into the telepod.

You guess the story. He developed gradually into a fly, with agility, treading on the ceiling; he ate a lot of sugar, candies, cake, ice cream. He had a lot of energy to make love to Geena. He started to have coarse hair, skin blemishes, molting.

Human teleportation, molecular disintegration then reformation will make a man a king.

Born again teleportation drag…Dynamic Duo talk. Destroyed, Recreated, Penetration into the Plasma Pool.

He wanted Geena to try teleportation too. She refused and told him he has changed.

So he went to a single bar, won a woman from her boyfriend by hand to hand wrestling match that left the other man with broken arm. The damn woman went with him to his pad. He teleported himself then dicked the woman. Geena caught them.

Everything about him is changing. Weird hair analyzed-not human, insect hair. Very strong and wiry, scaling.
The secondary element was present; it is not him; it is the DNA sequence of a fly.

Fusion of Brundle(Jeff) and fly at the molecular level has occurred. He got grotesque -he and the fly were spliced together-gene splicer. Bizarre cellular form of cancer.

He spat gluey substance, an enzyme, to break down the solid then sucks them up to swallow. He walked on the ceiling, this Brundle fly.

Geena is pregnant with Seth Brundle's baby. She had a nightmare dreaming of giving birth to the larvae of a fly.

Brundle developed webbed hands; teeth had fallen out; appearance has changed; voice cannot be recognized by the computer.

He freed from Geena saying insects are brutal, no compromise, no compassion, will hurt her if she stays. Since she was pregnant, she decided to have an abortion. But he kidnapped her and brought her to his now garbage dump of a flat. The editor ex-boyfriend of Geena decided to kill the man-fly. So Brundle dissolved the editor's one hand and one foot with the enzyme from his mouth. Brundle wanted to fuse himself, his lady love, and the fetus. He got Geena in one pod, he in the other, but the editor shot The connection. Fusion of Brundle and the Telepod was successful. Geena was saved and the man-fly-telepod was shot and died.

WHAT A GROSS MOVIE. WOULD SOMEONE MOLECULAR BIOLOGIST COMMENT ON THIS PIECE OF MOLECULAR ENGINEERING.

TELEPORTATION IS NOT A RADIATION CONCEPT. IT IS VERY WELL DEVELOPED IN STAR TREK AND OTHER SCI-FI MOVIES. THE CONCEPT IS PHENOMENAL. IT WILL ALLOW TRAVEL, INSTANTANEOUS AND LOTS OF MILES AWAY. I WILL PUT MY NICKEL ON IT TOO FOR THE
NOT SO DISTANT FUTURE.
Teleportation websites

http://www.research.ibm.com/quantuminfo/teleportation/


http://www.alexchiu.com/spacestation/teleport.htm

(look at this if you want to know a Chinese's ideas)

http://www.aip.org/physnews/graphics/html/teleport.htm

http://www.ufomind.com/explore/physics/quantum/teleportation/
THE KID WITH X-RAY EYES

Robert Carradine-Chuck Taylor
Justin Berfield-Bobby the Kid
Mark Collie-Morgan
Diane Salinger-Vanessa
Daran Norris-National Security Agency Guy Stamper
Ross Hagan-Beach Patrolman Patterson
Griffin Drew-Lifeguard Christy etc.

Screenplay by Sean O'Bannon
Producer Kimberly Ray and Semenza/D'Angelo
Director Sherman Scott
Royal Oaks Entertainment
New Horizon Home Video

Backdrop of the above info---X-ray films

The x-ray eyes are made possible by top secret x-ray goggles that I want to pose to the REAL-LIFE INVENTORS.

This goggles were tuned to different frequencies and can see through clothes to undergarments and bare skins and through skins to the skeleton depending on the frequency. We know that x-ray is produced by x-ray machine that have different milliamperage and kilovoltage and its penetrating effect depends on time, mA, and kV. It causes exposure to xray, absorbed dose and dose equivalent. Many radioisotopes such as Co-57, Cd-109, Am-241, Ra-226 and others can produce x-ray
too. There are radioisotopes that can produce gamma rays such as Cs-137 and Co-60. They need a photographic plate with silver bromide in the photographic emulsion developed and fixed to show an xray. It is the negative. In this movie it shows the positive, as is. It could be a reflected light or laser or x-ray back to the eye. Think about it, inventors. How about fluoroscopy or Image Intensifier or Computerized Axial Tomography or Magnetic Resonance Imaging or an imager with depth resolution. Think! Let us make one, shall we?

The story is basically about a kid, Bobby, who found a case washed up from a car that fell into the Pacific and the case contained a top secret xray goggles used in espionage. Two baddies, Morgan and Vanessa, in the words of the beach patrolman Patterson looks like a spiderwort of a woman stole them from government laboratories to be sold by their top boss to an Arab wanted in many countries for unscrupulous dealings. They plan to ransom it by the government but mass produce just the same with the boss taking 20% of the gross.

The National Security Agency guy Stamper got it back from the goons only to be chased into the Pacific. He survived but lost the case.

Bobby was left in the care by his second honeymooners parents to his beachcomber Uncle Chuck Taylor who turned out to be rich by selling a computer program showing the time when there is high surf allover the world and by that got rich. He has two beach houses. He used the xray goggles to replace the metal detector that finds metal objects buried in the sand. He was in Desert Storm and is a wrestler, tall orders for an ordinary beachcomber.

The lifeguard lady, Christy, was approached in case the case was found. She and Chuck
later got on together.

To make the story short, the kid with the xray goggles got "xray eyes" now and amused his naughty self with peeks into the clothes and persons of the viewed. He has a spy imaginative nature. He was kidnapped by the baddies in exchanged for the xray goggles. Chuck and Bobby, Stamper and Patterson were all imprisoned but Bobby escaped through the ceiling vent unto the duct that led to the laboratory where Felix, the scientist, was checking whether the xray goggle was still operational. It was.

Bobby used the xray goggles to locate his friends and got them out. He also used the xray goggle to see through the gun casing to know it is jammed. This enables Chuck to punch out Morgan.

The 4 baddies, Morgan, Vanessa, The Big, Bad Boss, and the Arab were routed and handed over to the police. Stamper, the NSA guy got the xray goggles back to safekeeping.

THE X-RAY GOGGLES ARE A NEAT, GREAT THOUGH NAUGHTY IDEA. I'LL PUT A NICKLE DOWN ON THIS INVENTION WHEN IT IS PERFECTED IN REALITY.

They mentioned another goggles that are night vision goggles-to make night seem day. That is easier. A lot of lights.

The movie had a lot of actions, guns, tear gas canister in place of the goggles to down the bad gal. It is worth watching with kids. Just tell them not to be naughty.
TOMORROW NEVER DIES

United Artists an MGM Co.

Produced by Michael Wilson and Barbara Broccoli

Ian Flemings James Bond

Written by Bruce Feirstein

Directed by Roger Spottiswode

Starring

Pierce Brosnan

Jonathan Pryce

Michelle Yeoh

Terri Hatcher

Judi Dench as "M"

And others

A terrorist arms bazaar in Russian border

American Encoder on the market

Fire on terrorist bazaar but Soviet SP5 nuclear torpedoes will result in a lot of

Plutonium-239 fallout reminds me of Cassini no flyby violence fear even if it is just

72 lbs of Plutonium-238. So you know the compounding factor. Cassini did not rain

Pu-238 over earth but it was still something to be feared about.

James Bond 007 droved the plane carrying the nuclear torpedoes away.

HMS Devonshire was told by Chinese Migs that they are in Chinese territorial waters in

the South China Sea but the British insisted they were in international waters. It was a

stealth ship that made a gear rigg bore into the HMS Devonshire. The hole let the water
in and the crew abandoned ship only to be shot in the waters by the bad guys using Chinese ammunitions. The MIGS were shot down by missiles used by the baddies. Now trouble is brewing between the Chinese and the British. One nuclear missile from HMS Devonshire was missing. Mr. Elliot Carver is the culprit. He makes the events happen and usually create sensational panic creating events. He owns his own satellite and was blackmailing the lecherous President to lower cable rates. After the President signed the bill, he will release the video of the President romping with a cheerleader in the motel room anyway.

Mr. Carver created the trouble in the South China Sea and wanted full media coverage in all media types from the Carver Media Group. He quipped there is no news like bad news.

Global positioning satellite received a signal that could have sent the ship off course. Carver's satellite sent the signal. His paper blared the 17 British sailors murdered to incite the British fleet being sent to fight the Chinese. (What a contrast to the peaceful turnover of Hongkong to Mainland China by Britain.)

China doesn't allow Carver to broadcast in China.

Bond's new BMW 750 has machine guns, rockets, Global Positioning Satellite tracking system; telephone includes a fingerprint scanner, 20000 volts security system, remote control for the car.

James Bond as a banker of hostile takeover and Hue Lin, New China Agency came to Elliot Carver's party. Mrs. Carver was Bond's former lover.

Several attemps were done to get the truth from James Bond by Carver's goons but he won and shut down Carver's broadcast to 1 billion people.
Worldwide Domination is what Carver wants. He is mad. (What a contrast to the Good Pope John Paul II)

Mrs. Carver came to James Bond at his hotel room, made love with him, and told him how to get into his printing press laboratory. Go watch the movie for the excitement and the mechanics, hypes, and action. He found the American encoder.

Hue Lin set the alarm off and the 2 fought their way out. The goons couldn't get into Bond's car to get the encoder. It is unbreakable. Dr. Kaufmann under Mr. Carver's employ killed Mrs. Carver. Bond electrified Dr. Kaufmann then pulled the trigger at his temple. James Bond fooled the goons by remote controlling the car. How come they were able to break the car windows now? He had tires that deflate when punctured with tacks but reinflate (Goodyear should learn from this).

Bond gave the Americans the encoder. The expert said that if you can alter the timing chip, you can send the ship off course like putting a magnet near a compass. They found out the encoder was tampered with. They calculated where the ship had sank and Bond parachuted and dove and found the ship with a missing nuclear warhead cruise missile. (the ultimate weapons - ever thriving fear of nuclear weapons)(Didn't Great Britain tested them in the Christmas Island?)

Hue Lin popped up. Carver's German goon Stomper caught them and took them to Carver's headquarters in Saigon. General Chang was spotted by Hue Lin. Lin's and Bond's covers were blown. He's British secret agent and she's Chinese People's External Security Force. Carver's TV, News, Magazines and Megalomania or Medialomania. The difference between insanity and genius is measured only by success quipped Carver. Stomper's about to torture them but Bond and Lin escaped again handcuffed to each
other. They were chased on motorbike by car, helicopter, goons on foot but outmaneuvered them (see the great action). At a concealed Chinese spy intelligence headquarters, James Bond saved Hue Lin again from General Chang's goons. She pinpointed the location of the stealth boat of Carver to be in Tao Long Bay, one of General Chang's territories. Decadent agent of a corrupt western power diatribe at James Bond by Hue Lin.  (This fights began long ago with the Opium War and Boxer Rebellion then the colonization of Hongkong, prostitutions, subservience, pedophiling, etc. The Germans are selling Tsing Tao Beer in China. Well, human rights violation and religious persecution and concubinage should stop in China.)

Mr. Carver's stealth boat was found by the two. They put timed bomb on it. Mr. Carver ordered the firing of missiles at the Chinese and English task groups making them think the English and Chinese were hitting each other. (This is a later movie than Goldfinger, see how the Chinese became good guys alongside the British but the tension remains.)

Hue Lin was spotted through a video camera. (By the way, are stealth boat for real? Why are they almost invisible to radar?)

Carver called Hue Lin's Kung Fu pathetic against the bomb?

Carver intends to put General Chang into power to get exclusive broadcasting rights in China for the next 100 years.

The stealth boat started exploding and was detected on radar and fired upon by the British fleet. Abandon ship. The nuclear missile to Beijing was set for 5 minutes. Carver was ground down by the big drill. Hue Lin was again captured by Stomper and chained and dropped to the sea. Stomper and Bond fought. Bond dropped to sea and gave mouth to
mouth resuscitation to the drowning Hue Lin and saved her once more. (I omitted a minor character. Gupta, the techno expert but you watch out for him when you see this must see movie.)

The bomb blew up right there with the "fuses". Bond and Hue Lin got together finally, if you know what I mean.

When the bomb exploded, the water became radioactive and James Bond and Hue Lin are radioactive.
THE DAY AFTER TRINITY

(J. Robert Oppenheimer and the Atomic Bomb)

MCMLXXX 1980

A film by Jon Else, producer and director

Pyramid presents

Hiroshima bomb was invented by J. Robert Oppenheimer

b. 1904, New York City  d. 1967

Jewish

Gentle and eloquent physicist

Harvard curriculum finished in 3 years summa cum laude

Further educated in England and Germany in 1920's

1925  University of California Berkeley and Caltech professorship

1930s Pecos, New Mexico-outdoors, mountaineering

Because of Hitler, Nazi Germany, he read Das Capital and the works of Lenin; also the Bhagavad Gita.

Considered a communist because of association of his wife, Kitty Harrison, who was the former wife of a US Communist Party leader, and brother physicist Frank Oppenheimer and wife, Jackie.

FBI put him in the list of potential political prisoners.

The video has commentaries of Haackon Chevalier, Hans Bethe, Robert Server, Robert and Jane Wilson, Frank Oppenheimer, Freeman Dyson, Ira Rabe, Sterling Colgate, Stan Hulam and wife Francoise, Robert Porton, Dorothy McGiven, Robert Crone, Holm Bursom, rancher, Dave McDonald, and Elizabeth Ingram at different segments of the
video.
He was named the Coordinator at Berkeley of Operation Rapid Rapture by General Groves.

Oppenheimer has gathered top physicists, chemists, and scientists to make the Nuclear Weapons at Los Alamos, New Mexico on the outskirts of Santa Fe. He envisioned 30 scientists + families. Oppenheimer and Barnes were the key leaders. Los Alamos, New Mexico was transformed into a mountain resort + Army Boot Camp + parties. By 1944, 6000 people, $56 million

7 divisions: theoretical physics, experimental physics, ordnance, explosives, bomb physics, chemistry, metallurgy

He was considered a great Administrator of Los Alamos Scientific Laboratory where the average age of the staff is 29 and the job is to construct a mechanism that will trigger in a millionth of a second a violent chain reaction. LASL had a cyclotron, machine shops, 7000 fire extinguishers in case of accident etc.

The production of U-235 was relegated to Reprocessing plants in Oak Ridge, Tennessee. Few pounds of plutonium was produced at Hanford, Washington. It was a most expensive venture.

Back in Berkeley, an industrial scientist George Eltenton approached Chevalier in 1943 for Chevalier to request Oppenheimer to share secrets with Russian scientists. Chevalier refused. If there is such an exchange, he said, it will be on a government to government level.

200 miles off Los Alamos near Alamagordo, the Journey of Death Portnada del Muerto, was the Trinity Site where the world's first nuclear device was exploded on July 16, 1945
It began with 15 men in December then by May several hundred civilians and GIs working in secret. 1939, Times Magazine featured the Atomic Blaster. 11\textsuperscript{th} July 1945, a courier brought 10 lbs. Plutonium worth $1 billion.

**Take video tape excerpts of the working schedule.**

Germany surrendered in 1945.

Robert Wilson met with 30-50 people on the Impact of Gadget on Civilization. They discussed whether to go on or not. Oppe wanted to tell the world about nuclear weapons especially United Nations. Did he sell his soul to the devil in the person of General Leslie Groves, US Army.

There was some betting going on on the tonnage and possible incineration of New Mexico(Enrico Fermi).

Frost, radioactive particle dust, burns on the cattle-white not red.

Towards the end of the Second World War with Japan, there was saturation bombing.

President Truman demanded total surrender of the Japanese.

**Take video excerpts of this part.**

Hiroshima-virgin target.

The reactions according to Hans Bethe and Frank Oppenheimer were:

First, Fulfillment

Second, Shock

Third, Horror

Fourth, What have we done? What have we done?

Fifth, It should not be done again.

Robert Wilson was very depressed and sick about it.
Uranium bomb Aug. 6, 1945 on Hiroshima

100,000 killed, 40,000 injured, 20,000 missing, 9 seconds

burns, blindness, radiation sickness

Plutonium bomb at Nagasaki on August 9, 1945

80,000 dead

Take video excerpts of the Gory details of Radiation Bioeffects to emphasize the point.

J. Robert Oppenheimer wept in public and talked about we have sinned.

There was to be a 3rd shot but the Japanese surrendered. Serves them right. I know that a lot of people say Nagasaki was unnecessary. There were many Catholics.

The Japanese government should make a public apology and give compensation to the Comfort Women. I am for Gabriela. I was never a whore or morally corrupt, thank God. It is a terrible ordeal, they all say. They should make the 50,000 illegitimate Japanese-Filipino children born in Japan citizens and cared for. They should stopped looking down on Filipinas, Filipinos, Koreans and Chinese.

These Japs got their comeuppance from the Americans.

J. Robert Oppenheimer was named the No. 1 Thinker on Atomic Energy, Father of the Atomic Bomb.

He advocated International Control of Atomic Weapons. He became Adviser to the US Govt.

1947, Oppenheimer was the boss of Einstein at the Institute for Advanced Studies in Princeton University, New Jersey where he was made Director.

Cold War-Russian and Chinese Communism.

1949 Russia detonated atomic bomb.
Edward Teller, father of the hydrogen bomb

1000x destructive force of Hiroshima

Oppenheimer opposed immediate development of the hydrogen bomb on technical and moral grounds.

1950's Senator Joe McCarthy Anti-Communism

Nov, 1952 Pacific Island of Ulongelap(?Elugelab) vaporized by hydrogen bomb.

1953 Eisenhower suspended Oppenheimer's clearance.

1954 Tribunal accused J. Robert Oppenheimer of being security risk; Atomic Energy Commission(USA) accused him of going against the hydrogen bomb on technical, political and moral grounds.

In questioning Oppenheimer, they were lead to believe that Haackon Chevalier was the center of the spy ring. Chevalier got fired from his job as a consequence. He faulted Oppenheimer for not clearing him.

Edward Teller went against Oppenheimer.

AEC found Oppenheimer to be a security risk

Clearance was not restored; he was stopped from working in nuclear energy; it destroyed Him.

More than 1200 explosions since Trinity. The largest is 4,000x Hiroshima.

Oppe said: The World wouldn't be the same; few people laughed; few people cried; most people were silent.

Bhagavad Gita

Vishnu-multiarmed form were silent.

"Now I am become death. The destroyer of worlds"
There were many scenes that can be excerpted in this videotape.
The following are from the book, Richard Rhodes, 1986, The Making of the Atomic Bomb. Simon and Schuster, New York. They have photos of the following:


Fig. B. The mushroom cloud over Hiroshima, August 6, 1945, photographed from the strike mission B-29, 105. The Enola Gay landing at Timan after the Hiroshima strike.

Fig. C. A panorama of Hiroshima damage. Some roads have been cleared. Buildings left standing were earthquake-reinforced. Little Boy exploded with a yield equivalent to 12,500 tons of TNT (12.5 KT). Modern atomic artillery shells deliver equal yield; one Minuteman III missile is armed with the equivalent of 84 Hiroshimas.

Fig. D. Miyuki Bridge, Hiroshima, 1.4 miles from the hypocenter, 11 a.m. August 6, 1945.

Fig. E. The Hiroshima fireball instantly raised surface temperatures within a mile of the hypocenter well above 1,000°F.

Fig. F. A man pulling a cart shadowed in unburned asphalt, Hiroshima.
Fig. G. Thermal burns on a soldier exposed within half a mile of the Hiroshima hypocenter. His sash protected his waist.

Fig. H. Unidentified corpse, Hiroshima. Deaths to the end of 1945 totaled 140,000.

Fig. I. Staircase on a gas storage tank shadowed in uncharred paint, Hiroshima.

Fig. J. Fat Man was ready on Tinian on August 8, 1945, and flew the following day. Note graffitti on tail assembly.

Fig. K. The plutonium bomb exploded over Nagasaki near the largest Christian Church in Japan at 1102 hours, August 9, 1945, with a yield estimated at 22 kilotons.

Fig. L. Fat Man snapped trees at Nagasaki; the less powerful Hiroshima bomb only knocked them down.

Fig. M. Collecting the dead for cremation.

Fig. N. A student exposed half a mile from the Nagasaki hypocenter.

Fig. O. Flash burns, Nagasaki.

Fig. P. Near the Nagasaki hypocenter, noon, August 10, 1945.

There is a movie, Hiroshima Mon Amour, 1959, Zenith, Inc. Available as a foreign film on the topic.

There was an exhibit at the International Center of Photography in New York. It showed graphic evidence of Nagasaki from photographs by Yusuki Yamahata.

Fig. Q. Mike I, the first true thermonuclear bomb, tested at Eniwetok in the Marshall Islands on November 1, 1952. Yield: 10.4 megatons (i.e., millions of tons of TNT equivalent). Pipes carried off radiation to diagnostic equipment; their arrangement confirms the linear Teller-Ulam configuration.

Fig. R. Mike vaporized the island of Elugelab and left a crater half a mile deep and
two miles wide.

Fig. S. The Mark 17 H-bomb, the first deliverable thermonuclear weapon. Yield: megaton-range. Weight: 21 tons.

Fig. T. The Mike shot. Its fireball expanded to a diameter of 3 miles.
Is Japan stockpiling on Plutonium? Is China going to take Taiwan by force?

Is there going to be more nuclear weapon production and testings? France and Japan have fast breeder blanket facility.

Tahiti Papeete wants to be independent of France.

Can we afford to be anti-nuke when the Indians, Pakistanis, Libyans, Iraqis, Brazilians, Argentinians, North Koreans, Soviets, Communist Chinese, French, British, Americans, Israelites are gung-ho on nuclear weapon superpowering? bothering the Marshall Islands, Muroroa and Fangataufa, Christmas Islands, their own people who are starving and smaller countries who are peace-loving...

Who will give us a reassurance that the other side keeps his promise of nuclear non-proliferation?
ABC News Special Edition of Viewpoint 1983

Ted Koppel in Washington, D.C.

Discussion Panel

Former Secretary of State Henry Kissinger

Elie Wiesel, philosopher, theologian and author on Holocaust

William F. Buckley, Jr., National Review Publisher, author and columnist

Carl Sagan, astronomer and author and scientist playing a leading role on the subject of
The effects of nuclear war

Lieutenant General Brent Scowcroft, National Security Adviser to President Ford,
Chairman of President Reagan Bipartisan Commission of MX Missile

Former Secretary of Defense Robert McNamara—nuclear weapons are totally useless
except to deter one's opponent using it.

Secretary of State George Schultz—Nuclear War is not acceptable. Both Russians and
Americans should work to reduce the number of nuclear weapon. Balance and
Deterrence and Reduction

(See Florence Cua's compilation of Destruction of Plutonium—
http://members.home.net/eac8/)

William F. Buckley, Jr. said of author of movie they were discussing which I couldn't get
footage on that "I would like to see people starting to question the value of defending this
country with nuclear arsenal.

Carl Sagan

Nuclear winter—nuclear war will lower temperature to sub-zero for several months. 7,000
MTon will kill millions can lead to extinction of human species.
Henry Kissinger

How to avoid it is what we should discuss—nonproliferation

Robert McNamara

40,000 nuclear warhead US and USSR million times Hiroshima bomb 1/2 that in 15 years? 20,000 stability in the forces, reduce the risk that weapons will be used


(Clinton and Yeltsin in 1998 accords.)

Brent Scowcroft

Prevent miscalculations that cause nuclear war

Elie Wiesel

The world has become jewish—"holocaust notion"

Henry Kissinger

Problem to avoid unilateral disarmament and develop a policy to eliminate nuclear war, not have the strategy to maximize casualties but if something goes wrong, we will have our nuclear winter. Military strategist—nuclear weapon is just another weapon.

Peace activists—paint the worst picture.

Buckley

Stabilization.

? unambiguity in deterrent forces?
McNamara

We have stable deterrent today and tomorrow.

Note: he talked about Berlin Wall. **It is gone now. Germany has united.**

Do not start a nuclear war because it can not be ended.

Carl Sagan

Threshold 1000 strategic nuclear weapon for nuclear winter

Concatenation of computer failure, communication malfunction, madness in high office have to be ward against

*(See Florence T. Cua, Facts or Fiction About Radiation, Vol. II-Fail Safe and Dr. Strangelove)*

Increasing strategic nuclear weapons from 9,000-14,000-bad

Brent Scowcroft

Less nuclear weapons(500 each US, USSR) makes other powers compete to reach that level

Question:

High-frontier school of thought

Develop technological in-run to find a solution that might be a space based defense system to render nuclear weapons obsolete.

Paradoxical form of defense system-disarmament opposes it because they are afraid that anything that reduces the impact of nuclear war would increase the willingness to engage in it. Don't know enough of space technology.

*(see this website http://www.acq.osd.mil/bmdo/bmdolink/html/ for Ballistic*
**Missile Defense Organization**

Carl Sagan

BMD lulls us into a sense of complacency that it will prevent the nuclear winter.

**Question:**

20-25 years when superpower doesn't have capability and Khomeini or Qaddafi triggers it?

McNamara

Maintain and tighten non-proliferation policy; establish procedures such as our nuclear weapon are not trigger by terrorist and accidents, mechanical and human failures procedure-state publicly we will not launch-on-warning (another paradoxes)-if anyone were to fire a nuclear missile, the President will order our land based nuclear missile to fire without waiting for them to land-use them, lose them.

Buckley

Guarantee Victory on First Strike

**Question:**

How will the next generation be educated in this issue?

Elie Wiesel

Improve human nature

Brent Scowcroft

Steps to deter nuclear war

**Question:**

75% nuclear weapon freeze
US Public oppose MXII, Trident, Persian, Cruise

(See Ballistic Missile Defense Organization:  
http://www.acq.osd.mil/bmdo/bmdolink/html/)

Carl Sagan

Both MacArthur and Eisenhower said something to the effect that the masses, public or people want peace and that government should give it.

Question:

Freeze happen quickly

McNamara

Substantial reduction in the weapons and risk of use and stability of use

Kissinger

Nuclear weapon doesn't cause war, it is political tension and instability and uncontrolled ambition

Question

Get to Man in the Kremlin

Brent Scowcroft

Man in the Kremlin look at the strength not possible to negotiate out of something they think they can get for free

Ted Koppel: good will-strength not weakness; signs of weakness is not good

Elie Wiesel

Sakharov led human rights movement is an anti-nuclear movement in Russia

McNamara

There's hope.
1960s presidential campaign, myth of missile gap

1990s myth of window vulnerability

confident of our strength, democratic country, technological advanced, productivity far superior in industry, agriculture, and arms than Soviets

Question

Nuclear freeze detrimental or not?

Carl Sagan

Imagine a room doused in gasoline; 2 opponents with one with 7000 matches and the second one with 9000 matches; necessary to reduce the matches and clean up gasoline

Scowcroft

Deployment of MX missile scared USSR

Question

Policies on invasion of Grenada

War in Middle East lead to war

Buckley

Venture of Grenada lead to stability

Kissinger

More thinking on arms control

Question

Why moving ahead to 10 warhead MIRV missile?

Scowcroft

Soviets has more Land based ICBM

Question
How can we trust terrorist and Soviet?

Kissinger

First freeze and decline in nuclear warhead in interest of both US and Soviets

Question

How do you accomplish a verifiable reduction of nuclear arms?

Kissinger

Cannot depend trusting the Soviets alone

Question

18 thing, no launch-on-warming, no first fuse

McNamara

1. reduce # of warheads in Europe

around 6000 nuclear warheads

2. withdraw those in Germany (use them or lose them tension)

3. engage Soviets in much more productive negotiation; how to stabilize our respective

forces beyond freezing or reducing the numbers

Brent Scowcroft

We have hope and more in the West than the Soviets

Carl Sagan

Cut nuclear weapons

Kissinger

Confidence in ourselves

Solves arms control problem and political problems

Not unilateral disarmament
Elie Wiesel

Afraid of madness like Holocaust

Buckley

Catastrophe: life in Soviet under Gulag

Fear of Soviets since they want to control us like they did their wretched people.
The Phantom Empire


The first sci-fi serial of the sound era features Gene Autry in his premier starring role.

With the Junior Thunder Riders, the singing cowboy battles deadly perils to save Radio Ranch from threats above and below the Earth's surface. Menaces include evil robots, death rays, and terrible armies from the subterranean empire of Murania, lead by the beautiful Queen Tika.

A 1935 Mascot Serial in 12 Chapters

1. The Singing Cowboy
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Acme Video, 10635 Santa Monica Blvd., Los Angeles, CA 90025-4900 Program @1992

Directed by Otto Brower and Breezy Eason

Frankie Darro(Frankie Baxter)
Betsy King Ross (Betsy Baxter) - World's Champion Trick Rider

Dorothy Christie (Queen Tika)

Wheeler Oakman (Argo)

Charles French (Mal)

Warner Richmond (Rab)

Frank Glendon (Professor Beetson)

Lester Smiley Burnett (Oscar)

William Moore (Pete)

Edward Piel (Dr. Cooper)

Scientific City of Murania

Chapter One  The Singing Cowboy

Stagecoach being chased by a bunch of horseriders for the violins, guitar, cello-Radio Ranch singers

National Thunder Riders Club-real singers, real cowboys, real ropers, real guns

Thunder Riders is named after an incident when Frankie and Betsy Baxter were chased by a gang of riders whose running hoofs sound like thunder.

Airplane dropped by Radio Ranch.

On board are speculators on radium lead by Professor Beetson. Signals were coming from the center of the earth e.g. human. Professor Beetson wants Gene Autry out of the picture so the ranch will close down and they can explore for radium. Gene Autry was felled. A Muranian came out. A man shot the Muranian but he escaped with 2 friends to an underground city. Queen Tika had an video scope view of the overground.

They should be shielded from the uranium and radium deposits underground.
She disparaged the surface men as inferior and called out the accidents, deaths on the surface.

Queen Tika said the entrance to the garden of life have been discovered and for her Thunder Guards to destroy the entrance.

Gene Autry regained consciousness. His horse came back and the Thunder Riders went to his side beside flaming firewoods. The Muranian wanted to capture Gene Autry. He tried to trip their horses but the hoofs severed the ropes and down Autry and Frankie and Betsy fell. He caught a limb that broke his fall.

Chapter 2  The Thunder Riders (To the Rescue)

Gene was on time for his broadcast from Radio Ranch. Queen Tika punished the captain. Radio Ranch. Queen Tika punished the captain. Radio Ranch staged a stagecoach-robber-Thunder Rider gunfight. The Baxter kids' dad was killed. Professor Beetson said Autry's gun was loaded. The sheriff was going to jail Autry so he escaped. The Sheriff went up the plane of Professor Beetson in search of Autry. Queen Tika told Thunder Guard to capture Autry. They have a respirator fitted to their cap for overground breathing. The Sheriff lobbed tear gas at the Thunder Guard so the Thunder Guard sent a torpedo that bombed the plane.

Chapter 3  The Lighting Chamber

Frankie and Betsy Baxter parachuted down. Gene Autry switched places with the pilot. The captain of the Thunder Guard was placed under arrest. The Muranian people were driven by the glacial age to underground. The captain was condemned to the lighting chamber to die. But Argo, the Queen's adviser saved the captain to make him join the rebel group with 37 others that were condemned to die.
Gene diverted the Beetson gun while the kids located the shotgun and gave to the sheriff. Autry jumped onto a car that was being repaired. It had no brakes.

Chapter 4 Phantom Broadcasting

Murania was advanced because of the radioactive source. (not detailed enough).

The Thunder Rider Club has a light bulb signal when someone needs to be rescued. It was activated by Frankie and Betsy Baxter. Gene transferred to one of the horses before the car fell into the ravine.

Queen Tika could not locate through the secret police the Lord High Chancellor of the Realm.

The gun that Professor Beetson used to kill Frankie's and Betsy's Dad was blown to smithereens.

Autry planned to use his secret laboratory for his broadcast. But there was too much interference on the line and the kid's direction finder pointed down and speculated on the center of the earth.

The Muranian was trying to blow up Radio Ranch with a torpedo.

The Radio Ranch Quartet started the broadcast.

Queen Tika stopped Lord Argo because she wanted to decide for herself. Gene Autry finally broadcasted from the hideout. They moved the equipment down before the Beetson's men broke in. But a spark ignited the gunpowder down the cavern.

Chapter 5 Beneath the Earth

The Thunder Rider Club Kids had lock the door and unlocked it in time.

The kids used their meeting room a secret club house for the broadcast. It is a good thing the equipments were not blown up in the last fiasco.
Murania, 25,000 feet below the surface of the earth has robots to do their work.

The Murania saw where Autry was hiding.

The Muranian reached the shack. They used laser or "fire" gun to burn the wood on the door. This was 1935.

The Thunder Guards met the posse. The Thunder Guard fought Autry and lost when his respiratory oxygen helmet was dislodged. The troops including a disguised Autry went down an elevator to Murania. Gene Autry was discovered. Murania does look sci-five.

1. Radium powered elevation system (more like radioisotope thermal generator)

2. Mechanical Robot for laborious task to free man for advancing their brains

See Facts or Fiction About Radiation, Vol. II on Robots.

3. No beggars.

4. The Death Chamber

Electric sparks, 200,000 volts like the electrocution chair.

Autry was thrown inside the chamber.

Chapter 6  Disaster from the Skies

Argo plotting revolution sees an ally in Autry and decided to save him by pulling a lever to make him fall to a lower chamber. The other men want Autry for vivisection to see how his respiratory system differs from them in order that their respiratory gadget might be improved. Autry took the laser ray gun of the Muranian. Surface mining of uranium for radium (big topic in 1935). Disintegrating atom smashing machine. (Electron beam high energy proton beam particle accelerator, lasers(pulsed), fusion or fission beams, cyclotron) D-ray lithium???

Radio Ranch on TV screen. No one outside Murania can understand the signals.
Autry started fiddling with the TV and transmission machine to get through to the surface and did.

Robots that fight.

A Muranian officer sent a torpedo out to Radio Ranch but it was deflected back to the chamber.

Chapter 7 From Death to Life

Queen Tika, believing Autry executed, dispatches a radium bomb(???what is it???) to stop Betsy and Frankie. Argo, plotting against the Queen, saves Autry hoping to use him in the revolution. Gene Autry, escaping from the conspirators tries to prevent the radium bomb being fired.

Robots carried Gene Autry limped body.

No one is dead is Murania unless we do not wish to revive him. They are radium generators in the movie.(How? It is not cancer). (That would be the day when we can have resurrection of our dead like Jesus did to Lazarus).

The lights went dead; all power in Murania is gone. Autry was helped by the Lord Argo's men. But they were taking him to a room when he escaped.

Radium, at 3,000 ft. $10 million. As big as a golf ball. Speculated Beetson.

Chapter 8 Jaws of Jeopardy

The Royal Guard was ordered to capture the surface man. Autry found the way out of Murania. He played a ruse on the Thunder Guards when he put a felled Muranian on his white stead and sent him off for them to follow. Frankie and Betsy were starting a fire to signal and get them up from the pit they have fallen. Beetson's gang put enough dynamite on the plane to transport to the site where it will be used to blow up the
underground. Autry had to make the broadcast so they took the plane.

Queen Tika saw the plane on her TV screen and heard that Gene Autry will tell the exact location of the entrance to Murania. She said that send forth an interference ray that will stop the flying machine; destroy the ignition system to force them to land. They did.

Chapter 9  Prisoners of the Ray

Murania, long lost and buried city, where miracles are performed through the advanced use of radium. The kids jumped from the plane. But the Thunder Guards caught them.

Beetson was Gene Autry in Muranian uniform. The Thunder Guards returned to the underground city with Frankie and Betsy in tow. They met Queen Tika. They escaped their captor. Frankie said that the robots are like a clock with machinery and radio control. The Thunder Rider Club members save Autry. To the rescue.

Autry knows about the electric eye (photoelectric cell) and outer door mechanism. Alarm and protection by infra ray-destructive radium beam (that is a misnomer. Radium is radioactive and emits alpha, gamma, and beta, whereas infra red is nonionizing.)

Frankie and Betsy accidentally switched on the radium beams in the chamber and fell.

Chapter 10  The Rebellion

Murania is an underground country of peace and plenty whose isolation is threatened by the surface men with the war and fights. They have advanced technology and radium coveted by the research scientists. In the movie, they made Professor Beetson and his research scientist the bad guys. Frankie opened the outer door remotely by pulling down a lever. Frankie and Betsy were brought to the radium reviving chambers (here they gave radium a life giving property. To treat cancer, perhaps, but rejuvenation like radon cocktail, how ???) The 2 good guys, Oscar and Pete, with Autry donned the robots outfit
and fooled the Muranians. Autry was caught. Oscar and Pete saved them. Autry told Queen Tika about Argo and the revolution. Death to Argo by the Order of the Crown. Death to the Queen. Fight erupted. The crown has fallen. Autry fell on the assembly line

Chapter 11 The Queens in Chains

Commentaries of Florence T. Cua, author

Do we live in a destructive, anarchaic society where good and evil are blurred and people are mean, cruel and crude? Sometimes I feel that is the case. Take the Puerto Rican nationalist fighters who were freed from prison. The USA is much like the place in the movie. Religion's good and bad depend on what religion you believe in. Also, read this, from The Catholic Spirit, October 7, 1999

Rome-Two recent human rights reports criticized the government of India for failing to protect the country's Christian minority against increasing violence.

A report on anti-Christian violence released Sept. 30 by the New York-based Human Rights Watch reviewed attacks against Christian churches and personnel, including the murder of pastors, the rape of nuns, and the destruction of places of worship and religious institutions. It said India's central and state governments have not ensured that Christian communities enjoy "the full protection of their constitutional rights to freedom of religious and equal protection under the law."

"The governments has failed to prosecute offending individuals and organizations; instead, it has in many cases offered tacit support and
indirect justification for the attacks," said the report.

It identified a pattern behind the more than 100 anti-Christian attacks in India over the last two years: anti-Christian propaganda conducted by right-wing Hindu groups and local media, the exploitation of communal differences to mask political and economic motives underlying the attacks, state and local government complicity in the attacks, and the failure of the central government to meet its obligations to protect religious minorities.

"Attacks against Christians, which have increased significantly since the Hindu nationalist Bharatiya Janata Party (Indian Peoples Party) came to power in 1998, point to a disturbing trend of the assertion of Hindu nationalism by governments in power at the state and central level," the report said.

Earlier in September, the US State Department's report on religious freedom sharply criticized India's record on protecting Christians. It said that on several occasions, the US government has expressed through diplomatic channels its deep concern that attacks on Christians in 1998 and 1999 were carried out by groups loosely affiliated with the Indian Peoples Party government.

"In some instances, local police and government officials abetted the violence, and at times security forces were responsible for abuses," the report said.

What do we do? Politics also takes sides. Sometimes the good society wouldn't give
you a break because someone need to show off he is good like the traffic cops, why do I always get stopped by the Irish or Puerto Rican cops when I am going to do something resplendent and impressive, because they want to show off they are the good guys and it makes one think you have been made a criminal on the slightest infraction such as not having you lights on when it is drizzling and speeding. Is it because they are not my race? I called the next day to the violations bureau because I tore up the ticket. I told them I was thinking of going home to my husband, Ed Christman, from the Church where Christ is venerated and was caught speeding. Touche! I even told the secretary I was thinking about the 50,000 Amerasian children at that time. I will pay the fine. It is a thin line between love and hate too. A nun angered me once. The Catholic women were volunteering whereas they hired a Jewish person to do the same work and gave him money and we were supposed to give our love and civility. He gloated too. Made me want to damn the nuns that administered that hospital but I did not. I went to work for Jews instead.

Humiliation shouldn't replace humility. We should be allowed our love for self without being labeled narcissistic or self-serving who will live and honor you if you don't do so to yourself. Charity always begins at home. There are a lot of people who have inferiority complex and they should opt for empowerment. If you get picked on enough, you pick on yourself and have neuroses and psychoses but if you are smart enough you will fight back and strive to be your very best. I have my honors and credits. It was difficult obtaining them.

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God gave me my smarts and I did everything to put it to good use but I am paranoid
that people would down me to up me. I want control over my life. I do not want to be pass around. I do not want to be laughed at. I do not want to be made to feel inferior.

Frankie saved Autry's head from being scorched by the robot just on time.

The Queen is now in chain.

King Argo told his men to capture and kill Autry etc. The guard is to be equipped with new disintegrating ray gun (radium source, possible or not?) (From the energies, see the details on Radium energy and radiation type below, it does not seem possible to have such at long range because they are alpha, beta, and lower energy x-ray and gamma ray.)

Autry lassoed the ray gun and tied up Argo's people. The wounded were either taken to the reviving chamber or the lime pit or lightning chamber. The reviving chamber is strange—looks like a cooker or fryer or energizer, that is it, energizer.

The Queen was sent to the disintegrating machine that causes pain, paralyzes, and vaporizes.

Oscar and Pete made a mess of their assignment by throwing every switch in the room, pitching Autry to the trapdoor beneath the lightning chamber. Autry finally reach the disintegration chamber to save the Queen. Fight ensues.

Chapter 12 The End of Murania

Oscar and Pete saved Autry and the Queen. They used the robot to fight the guards and entered the control room. Meanwhile Lord Argo's men used the disintegrating ray to try to break down the door but the disintegration machine went haywire. The Queen chose
to die with her people rather than go to the surface. Murania is melting away.

Autry found Frankie and Betsy tied up and released them. The Queen pulled the lever to let them out through the entrance.

Murania is no more. It has dissolved and exploded. Autry said they'll get enough radium to be rich. Frankie and Betsy pretended Autry has been killed. Beetson killed the 2 men who worked for him for fear they'll tell the sheriff who killed Tom Baxter. In a sting, Autry found out Beetson killed them and Tom Baxter using the TV screen Frankie brought back from Murania. **Why wasn't there a video camera? He showed a radio tube, I think, how would that do it when a TV uses electron guns with video camera on both ends. Does that mean that there are hidden video cameras on the surface to beam back to Murania the scenes or is it a satellite type remote sensing devices?**
Examples of Robotics used now

Robosubs could speed searches

Bomb Squads-Hazardous Duty Robots

Terrorist Bomb Threat

Land Mine Patrol

Nuclear Disaster

e.g. The Mini Andros, Robug III, STAR

NASA developing autonomous robot for future space missions

Dante II Frame Walking Robot

Robots may fight future wars: British Expert

Humanoid Robots

Servus Robots Company

Armstrong Healthcare Limited
Radium energy and radiation type

Half-life 1600 years

Alphas:

Energies 4.601900, 4.784500, 4.314600 MeV

Electrons:

Energies: 0.008710, 0.062700, 0.087807, 0.168160, 0.181730, 0.185110 MeV

Gamma and X-ray

Energies: 0.011700, 0.081070, 0.083780, 0.094900, 0.186210, 0.309700 MeV
Uses of Radium from years by gone and now


Madame Curie discovered polonium and radium and won the Nobel Prize in Physics for it but she died of leukemia from the radium rays.


8. Curran, T.F.V. 1913. Carnotite, the principal source of radium. Merrit and Hanfling, Inc. NY


