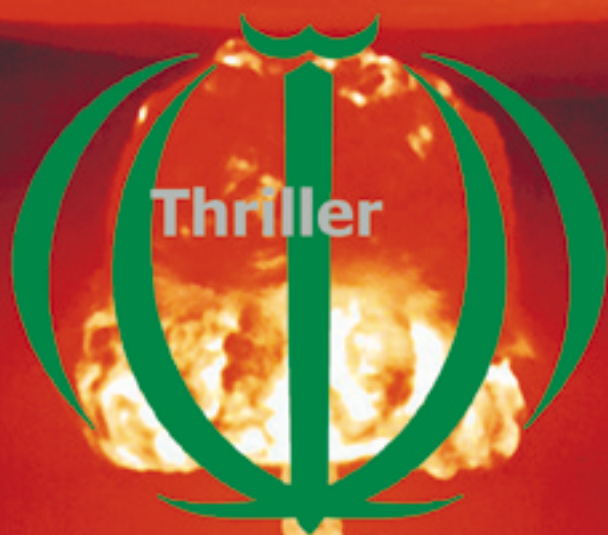


LEE BOYLAND

with VISTA BOYLAND

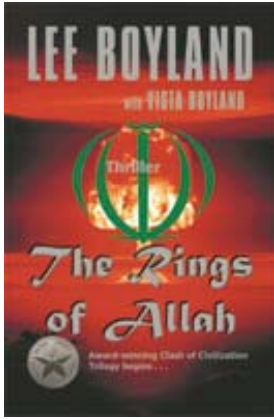


Thriller

The Rings of Allah



Award-winning Clash of Civilization
Trilogy begins . . .



Rogue KGB officers find five Soviet nuclear test devices and sell them to al-Qaeda. Al-Qaeda Jihadists Mohammed and Ralph Eid devise a plan to hide them in American cities - to be bin Laden's grand finale after 9/11. Bin Laden goes into hiding and Mohammed takes the operation to Iran who authorizes it, starts a worldwide jihad, and establishes the new caliphate. Retired Air Force Major General Alexander must stop the plan if he can.

The Rings of Allah

by Lee Boyland

with Vista Boyland

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Acclaim for Lee Boyland's first novel, *The Rings of Allah*.

"Thank Allah it's fiction, because it will scare the hell out of you!"

Author Lee Boyland puts his extensive special weapons background to use in spinning this completely believable tale of al-Qaeda's next step after 9-11. Leftover Soviet technology from the beginning of the Cold War falls into al-Qaeda's hands, and they establish an intricate network in order to place five atomic devices in five US cities. The US gets word of the attack, but will it be in time? Boyland does a great job of mixing good character development with great technical background in order to create this story. Technical readers will appreciate his attention to detail as he relates and educates the reader on the workings of gun-type atomic weapons. Literature advocates will respect how he uses significant events to develop his main characters. Many new writers fall into the trap of trying to tell too much of the story, but Boyland avoids this by jumping sometimes a year ahead in the story in order to keep things moving. A great action story that is just a bit too possible, this is definitely worth it for action and techno-fans alike.

– Military Writers Society of America

"*The Rings of Allah* is an exciting, at times harrowing journey into the future.

The novel ensnares the reader and the ending is not for the faint of heart. A must read."

– Joe Weber, *New York Times* best-selling author

"Lee Boyland's story of a nuclear terrorists attack on the U.S. *hit the nail on the head*. A plot that can happen today."

– Retired Brigadier General, National Security Agency

"*The Rings of Allah*" is a fascinating in-depth look into the world of radical Islamic terrorism.

The technical knowledge of the author comes through in the minute details of weapon systems and their use. The book, written in a chronological sequence of the development of the nuclear industry, gives the reader a detailed background of what we are faced with in the future. The plot was believable and the characters realistic as their lives were woven together in a tapestry of intrigue and human drama that pitted the beliefs of radical Islamic terrorists against mainstream American democratic values ... The ending is spell-binding and unpredictable, and will leave the reader with an unspoken sense of what can happen in our country if we don't take action."

– Philip W. Little, Author of *Hell In A Briefcase* and *Hostile Intent*

“Stunning - A Must Read! Frighteningly real!

Boyland, the new grand master of the techno-thriller, has given us a compelling page-turner that captures the reader with an avalanche of brilliant detail and well thought out characters complete with personality and quirks. "Rings" captures the reader with the clear possibility of nuclear attacks on U.S. soil by fanatical Muslim terrorists....”

– William DeNisi, author of *Trinity*

“Excellent story. I read it in one day. Ideas for my next book.”

– Major General Chuck Scanlon, USA, retired, Defense Intelligence Agency

“Enthralling and Fearfully Captivating

Lee Boyland has hit the nail on the head ... and it just may be the last nail to a coffin. Pages into the first chapter I saw the seeds of what was to come being planted. Disgruntled Russian atomic technicians, rouge KGB agents and terrorist cell members all moving in a common direction... to destroy the Great Satan... our America... with a nuclear weapon. Although it is a work of fiction, this riveting tale is inundated with historically accurate Middle Eastern occurrences that informed and terrorized. At the very least, you will learn a little bit about the enemy. At the most, you will have nightmares. Lee Boyland has done his work well. Keep the lights on when you read this one and watch the headlines... time will tell just how prophetic his novel actually was.”

– Ty P. Norling, Award-Winning Author

Should be read by America's top leadership

I have just finished Lee Boyland's *The Rings of Allah*. As a nuclear weaponsman, I can say the book is a factual account of what may happen in our nation in the near future. The unthinkable; major cities in our country destroyed by nuclear weapons used by radical Islam terrorists.

– CWO4 Jim Little, Nuclearweaponsman, U.S. Navy retired,
- Author of *The Brotherhood of Doom*

A Must Read for All U.S. Citizens.

In *Rings of Allah*, Mr. Boyland blends real weapons knowledge with sharply drawn characters through a compelling story that shows true Islamic objectives for destroying our country. It is clear, after reading this, that we are in the fight of our history. Those in the U.S.A. who do not believe that there is an in-house massive propaganda campaign being waged by Islamic extremists need to read this book. Thank you, Lee for adding your voice to their frightening agenda.

– Holly Fox Vellekoop, Author, *Stone Haven: Murder Along the River, and Justice and Revenge.*

The Rings of Allah

A Thriller

By

Lee Boyland

With

Vista Boyland

Novels by Lee and Vista Boyland

Clash-of-Civilizations Trilogy

The Rings of Allah

Behold, an Ashen Horse

America Reborn

OAS Series

Pirates and Cartels

This book is a work of fiction that contains historical persons, places, and events. The Soviet Union's atomic bomb program existed. The author created a fictional Little Boy team. All characters, incidents, places and events resulting from the Little Boy team are products of the author's imagination. A list of main fictional characters is presented at the beginning of the book. Any resemblance between fictional characters in this book and real persons is purely coincidental.

The Rings of Allah

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**2004 Silver Medal for military fiction
Military Writers Society of America**

<http://www.LeeBoylandBooks.com/ringsofallah.html>

Foreword

This novel is not about understanding Islam or the Middle East. It is a fictional story about Islamic terrorists and what they could do with nuclear weapons. However, to understand Islamists—radicals or fundamentalists—one must have a cursory understanding of Islam and associated history.

The plot of *The Rings of Allah* is interwoven with historical events and persons. Brief summaries of these events are included in order to tell a story spanning sixty-four years. The last half of the introduction deals with Islam, and contains a sketch of its history. A chapter is devoted to the Soviet-Afghanistan war, because it was the birthplace of today's Islamic terrorists and al-Qaeda.

Some scenes contain simple explanations of basic nuclear physics and provide the reader with an understanding of certain terms: such as *yellow cake*, *centrifugal separation of uranium*, *enriched uranium*, and *highly enriched uranium (HEU)* that currently appear in news articles. One old term—*gun-type atomic bombs*—which have yet to make an appearance in the mainstream media, forms the basis for the novel's main plot. Those readers who find technical explanations not to their liking may simply skip the details and still enjoy the story. On the other hand, it is the authors' hope that those who do take time to read the basics will find themselves far better prepared to understand contemporary news reports pertaining to nuclear weapons programs in Iran, North Korea, and Pakistan. More detailed information is provided in the Appendix.

America's use of two entirely different atomic bombs to bring an end to World War II continues to be a touchy subject. Consequently, one of America's greatest technological achievements, the Manhattan Project, has been relegated to a dusty shelf in the basement of our nation's history. The prolog includes a brief description of the Manhattan Project's history and scope. References to the Manhattan Project occur throughout the novel.

Hopefully, readers will also acquire a better understanding of the mindset of Islamic terrorists and the meanings of frequently used Arabic words. The authors wish to clarify in advance that the text may contain variations in the spellings of Arabic words and names. This phenomenon exists because spellings differ depending upon the resource materials used for research. A list of the main fictional characters is included at the beginning of the book.

The Rings of Allah is a fictional account of Islamic terrorists using old Soviet atomic test devices to attack America. Such an event is not as far fetched as it might appear. After the Soviet Union collapsed, one live atomic bomb was found in its underground test tunnel at Russia's Kazakhstan *Semipalatinsk* test range; where it had been abandoned before it could be tested. This incident has been documented and rumors exist of two more bombs also being abandoned. If this novel was being written today in 2012, the source of the weapons components would be Iran.

Could a real attack employing nuclear devices actually occur in America? You bet it could. As the reader will see, it is not difficult to build a gun-type atomic device, if one has enough HEU, highly enriched uranium. Is HEU available? History records that in 2003 the U.S. and Russia jointly recovered the following amounts of HEU in: Yugoslavia—100 pounds; Romania—30 pounds; and Bulgaria—37 pounds: More than enough HEU to make one gun-type atomic bomb.

The concept of the Soviet Little Boy uranium bomb team is the fictional product of the author's imagination, as are all subsequent non-historical events contained in this and following novels. While *The Rings of Allah* is not intended to be a prophetic work, one can surely imagine "what if" the movie *Tora, Tora, Tora*—depicting Pearl Harbor's surprise attack—had been published as a novel in the spring of 1941. On the other hand, even though the *Rings of Allah's* plots are fictional, the threat it foretells is real and the story told can really happen. The plot is entirely feasible and the technology has existed since 1945.

The authors love the greatness of America—our way of life and the diversity of our ethnic backgrounds. The potential for our collective progeny to lose their rightful heritage and become enslaved by an archaic, fanatical, Islamic government imposing Shariah law is unthinkable. This novel is our "wake up call" to all who love liberty, democracy, and freedom of Church and State. In short—America—our way of life is in peril. There are people in our midst whose sole purpose is to destroy all freedoms that Americans hold dear. We as a people must support and encourage our government to take every possible action to protect our way of life, educate the public to the threat, protect the public through greater vigilance, and use all possible means nationally and internationally to encourage peace loving Muslims—while there is still time—to eliminate those murderous radicals who corrupt their religion and would rule the world.

We wish to thank the following people for reading the manuscript and offering ideas: Brigadier General Larry Runyon, US Army retired; Jack Wiles (deceased), our friend and neighbor; Major Joe Oblack, USAF retired; Lieutenant Colonel Les Merritt, US Army retired; and Paul Newcomb, whose father built the “Orange Juice” plant at Oak Ridge.

God bless America.
Lee and Vista Boyland
Near Cape Canaveral, Florida

The Manhattan Project

The history of nuclear fission and the atomic bomb began in the fall of 1938 with the splitting of the first uranium atom at the Kaiser Wilhelm Institute in Berlin, Germany. Soon scientists around the world were adding their discoveries to the rapidly growing body of information. Nuclear fission dangled the promise of a new energy source greater than any known to date. To some countries such as Germany—then Nazi Germany ruled by Adolph Hitler—it held the promise of becoming a mighty weapon.

Word of the potential danger of an "Atomic Bomb" arrived in America with scientists fleeing Hitler's "New Order." Among them were three refugee Hungarian scientists: Leo Szilart, Eugene Wigner, and Edward Teller, who were able to convince Albert Einstein of the danger of a Nazi Atomic Bomb. Einstein, with the help of Szilart, Wigner, Teller, and Alexander Sachs, a Wall Street Economist, wrote his famous "dangers of uranium fission letter" to President Roosevelt. Sachs, who was a longtime friend and unofficial advisor to Roosevelt, delivered Einstein's letter into the president's hand on October 11, 1939.

Immediately recognizing that a Hitler Atomic Bomb would lead to world conquest, President Roosevelt wasted no time in ordering the establishment of a government committee to fund American universities engaged in uranium research. The task was given to the Office of Scientific Research and Development (OSRD), which formed an Atomic Committee, code name S-1. Twelve months later \$300,000 had been disbursed to sixteen research groups. The thrust of all of the research was to find a means to separate sufficient quantities of fissionable materials suitable to build an atomic bomb.

By 1942, five different technologies had been identified as practicable methods to produce fissionable material. Two of the methods involved the theoretical use of nuclear reactors to convert uranium-238 into plutonium-239. However, no such reactor existed. The other three—gaseous diffusion, centrifugal diffusion, and electromagnetic isotope separation (EMIS)—were experimental separation technologies for the extraction of the uranium-235 isotope from uranium metal, which contained 0.7 % uranium-235. None of these technologies offered assurance that they could be turned into production facilities for the large quantities of fissionable isotopes required to manufacture nuclear weapons.

By May, 1942 the S-1 Committee, unable to choose a technology or technologies, because all were equally risky, made a courageous and bold

decision to prepare a report recommending that all five technologies be put into production at the same time. The recommendation was sent to Army Chief of Staff, General George C. Marshall; Secretary of War, Henry L. Stimson; and Vice President Henry A. Wallace. All three men approved the report and forwarded it to the president, who quickly returned it with "O.K., FDR" written in one corner.

Thus began the greatest scientific, engineering, and manufacturing effort in the history of mankind.

OSRD Director, Dr. Vannevar Bush, recommended that the project be transferred to the U.S. Army Corps of Engineers (COE), for transition from research and development (R&D) to full-scale production. President Roosevelt concurred, and the project was transferred to the Army COE in June 1942. The COE formed a new special district to manage the secret project, named the "Manhattan District," under the direction of Colonel James C. Marshall. Control of the research groups remained with OSRD.

Colonel Marshall had mistakenly assumed that the scientific and engineering work necessary to start construction of production facilities was completed. He quickly determined that was not the case—nothing was ready for production. Marshall, a highly qualified engineer, was reluctant to commit to starting construction on facilities before the technology was proven—sound engineering practice in normal times. But this was not a simple engineering project and these were not normal times. It quickly became apparent to the president's advisors that a strong, qualified, decisive leader was needed to spearhead this enormous war effort.

Secretary of War Stimson selected a candidate, U.S. Army Colonel Leslie Groves, who was approved by the president. Graduated fourth in his 1918 class at West Point, Colonel Groves was currently Deputy Chief of Army Construction, responsible for controlling construction work amounting to \$600 million per month. Colonel Groves was also the liaison officer for the COE Manhattan District, and as such had provided advice to Colonel Marshall in the areas of procurement, plant location, and selection of contractors. When, on September 17, 1942, Colonel Groves was informed by his boss, Major General Brehon Somervell, that he had been appointed chief of a new program called "The Manhattan Project," America's atomic bomb project came into being. Colonel Marshall remained head of the COE Manhattan District, which ultimately became part of The Manhattan Project.

On September 23, 1942 newly promoted Brigadier General Leslie Groves officially took charge of the Manhattan Project. Under Groves' leadership, the Manhattan Project had total responsibility for all science,

engineering, processes and construction of production facilities required to deliver the atomic bomb—its mission, to build "THE BOMB" and win the war.

During the next two years, land was acquired and three new cities built to provide housing for the personnel needed to build and operate the massive facilities required for production of atomic bombs. Vast facilities were created including: Oak Ridge, Tennessee, encompassing fifty-four thousand acres, for uranium separation; Los Alamos, New Mexico, located in a high valley called a "mesa" surrounded by mountains, for a bomb design laboratory; and Hanford, Washington, six hundred square miles, for plutonium production.

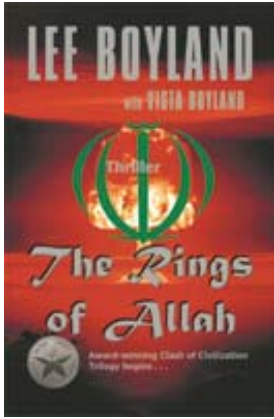
General Groves built production facilities for technologies that had yet to be developed (using components not yet invented); marshaled the resources of major universities; obtained the assistance and support of America's greatest corporations (many which placed the future of their companies at risk for the project); and gathered the greatest group of scientists, engineers and inventors America had ever assembled.

American leadership, ingenuity, and determination prevailed. Technical problems were solved—many at the last minute. THE BOMB project finally came together in early 1945, when sufficient uranium-235 and plutonium-239 was produced at Oak Ridge to construct three atomic bombs at the Los Alamos laboratory.

General Groves' leadership, tenacity and management ability provided America with the means to end World War II. Control of THE BOMB allowed America to lead the world into the nuclear age under democracy rather than tyranny.

The Manhattan Project advanced science; accelerated development of new technologies and manufacturing processes; created new materials, products and industries; established the nuclear power industry; and propelled America into the role of world leader—the first superpower.

The history of The Manhattan Project should be a part of every school's required curriculum; for its success is truly an inspiration and a testament to America's greatness.



Rogue KGB officers find five Soviet nuclear test devices and sell them to al-Qaeda. Al-Qaeda Jihadists Mohammed and Ralph Eid devise a plan to hide them in American cities - to be bin Laden's grand finale after 9/11. Bin Laden goes into hiding and Mohammed takes the operation to Iran who authorizes it, starts a worldwide jihad, and establishes the new caliphate. Retired Air Force Major General Alexander must stop the plan if he can.

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