

HIROSHIMA UNIVERSITY
 2-1 Kagamiyama 1-Chome
 Higashi-Hiroshima, JAPAN 739-8525
 Social Science Graduate Course Office
 Association of Hiroshima University
 for sending an atomic-bombed roof tile
 March 11, 2012

President
 PRINCETON UNIVERSITY
 Princeton NJ 08544 USA

Dear President
 I hope this letter finds you well. Thanks to your warm support, this year marks the 80th anniversary of the construction of our current university. In commemoration of the 80th anniversary, we would like to donate "atomic-bombed roof tile" which was salvaged from a river bed near ground zero of the atomic-bomb explosion. However, if for any political situation, national policies or any other circumstances we cannot obtain your agreement with the idea that Hiroshima University presents - our wish for evolving peace and absolute opposition to nuclear weapons - and on which this project is based, we understand that we should withdraw this idea as it will only inconvenience you. Please let us know whether or not you would accept this contribution based on the policy of your university and situations in your country etc.

You received this letter because 60 years ago your university kindly sent us Princeton gift responding to the call from then president Truman Morita to universities worldwide for the donation of ashtrays and books to the library. That was back when Hiroshima University was turned into a burned-out area as the result of the atomic bomb.

As a result of your kindness, Hiroshima University has gone through a major restoration, presently severing itself as a stable university with the potential for further development.

However, tracking its roots has revealed that the buildings on campus were burned down and the majority of faculty and students were killed. We fell into ruins in such an

inferno but felt you reaching out with warm friendship across the ocean. Only with your tremendous kindness were we able to develop the prosperity that we currently have. We would thus like to not only humbly express our gratitude but also renew it.

Atomic-bombed roof tiles are not unlimited, but rather they are quite difficult to find nowadays. They are artifacts that demonstrate the devastation of the inferno that the atomic bomb explosion left. Its heat rays brought about temperatures of 5,000°C (9032 degrees Fahrenheit) which melted the surface of the roof tiles leaving a bubbly appearance on them in a matter of a few seconds. With respect to the human bodies, with this type of heat rays, it is understandable that all the exposed skin was instantaneously scorched black. These are very precious artifacts which serve as a negative legacy demonstrating the dreadfulness of nuclear weapons and reminding us that an object that causes such severe aftereffects should never be produced ever again.

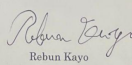
We believe that this artifact should be utilized as a source of material for peace studies for the new generations as one method to prevent the use of nuclear weapons. We believe that the best ripple effect can be produced if a renowned institution for higher education, such as your university, could keep and exhibit it for a long time to come.


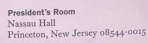
Let us restate this important point that the strong hope of Hiroshima University is to return the kindness received from you, which founded the base of the restoration of our university and also to further develop our close and precious friendship.

It is our hope that you would consider the aforementioned and favorably reply to us.

Incidentally, please be rest assured that the atomic-bombed roof tile that we plan to send you has been examined by the Institute of Radiation Effect and proven to cause no health damage to human bodies.

With all good wishes


 Reibun Kayo
 Association of Hiroshima University
 for sending an atomic-bombed roof tile Chairman

April 23, 2012

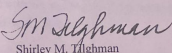
Mr. Reibun Kayo, Chair
 Association of Hiroshima University Students for Sending
 An Atomic Bombed Roof Tile
 Hiroshima University
 Social Science Graduate Course Office
 2-1 Kagamiyama 1-Chome
 Higashi-Hiroshima
 JAPAN 739-8525

Dear Mr. Kayo:
 Thank you for your very kind offer to send Princeton University an atomic-bombed roof tile in commemoration of the 80th anniversary of Hiroshima University. We would be honored to receive such an important artifact, as it will help us remember the victims of atomic warfare, and renew our common commitment to a peaceful future.

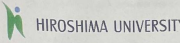
I was heartened to see that Princeton University lent its support to Hiroshima University in 1951, and it is deeply gratifying to see the significant growth that has occurred on your campus since that time.

On behalf of Princeton University, I congratulate you and the other members of the Association of Hiroshima University Students for Sending An Atomic Bombed Roof Tile for leading this worthy effort. I look forward to receiving your generous gift.

With every good wish,

Sincerely,

 Shirley M. Highman

ADM/Pers Off (Hiroshima University)

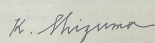


On the safety of roof tile samples exposed to Atomic-Bomb radiations in Hiroshima

We have performed residual radioactivity measurements for samples collected in Hiroshima in the area within 2km from the Atomic-bomb hypocenter during 1985-2000. The purpose of this work was to construct a dose system on neutron and gamma-ray risks for survivors conducted by United States - Japan Research Organization. The results were compiled as DS86 and DS02 report^(*).

Residual radioactivities such as ⁶⁰Co (half life=5.2y) and ¹⁵²Eu (13.5y) were induced in mineral samples by neutron capture reactions. After 65 years from the atomic-bomb casualty, the radioactivity level around hypocenter area was reduced to less than natural environmental radioactivity level. If one use modern high sensitive detectors, for instance, low-background gamma-ray detectors and/or Accelerator Mass Spectrometry in cooperate with chemical elemental separation, one can find residual radioactivities as an evidence of atomic bomb.

Today, the roof tile samples are not different from natural stones, therefore, they are safe and no effects to people.

Jan. 20, 2010

 Kiyoshi Shizuma, Dr. Professor

1-4-1 Kagamiyama,
 Higashi-Hiroshima, Japan 739-8527
 Graduate school of Engineering
 Hiroshima University

(*) "Dosimetry system 2002 Vol.1 and 2" Radiation Effects Research Foundation, 5-2 Hijiyama Park, Minamiku, Hiroshima, 732-0815 JAPAN

HIROSHIMA UNIVERSITY
 2-4-1 Kasuga-ya 1-chome, Higashi-ku Hiroshima, JAPAN 730-8511

The day that the atomic bomb was dropped, August 6, 1945, all seven rivers in the city of Hiroshima were rushed by hordes of people whose bodies were severely burned and seriously injured. They were washed away by the high tide at that time, and their bodies and blood filled those rivers. These bodies were carried by the current, repeatedly bumping into one another, before they completely sank, after which time their skulls were exposed. We heard that the pale glow of phosphorus released from the bodies, going up like smoke, was seen for many years after the war. The roof tile was collected from the bed of one of these rivers. It thus contains the souls of the people whose lives were very regretfully taken away by this tragedy.

We believe that the atomic-bombed roof tile will silently convey to people overseas, however little it may be, the devastation and cry of the deceased regarding this horrifying inferno.

Nuclear weapons bring nothing but blazing infernos. Atomic-bombed roof tiles have absorbed blood and body fluids of tens of thousands of people who were inhumanely burned dead. They were burned by the 5000°C heat rays, leaving their skin scorched black, and the functions of their organs was destroyed by the radiation. They were desperately seeking water while repeatedly vomiting, bleeding all over their bodies and throwing up blood. When they finally reached the river in their hour of death, at the end of their strength they collapsed, only to be washed away in the river. We believe that the tile will convey to its viewers the raging souls and mournful tears of those died that way.

In Hiroshima, to this date, there still remain tens of thousands of people who haven't found their missing family members, not to mention the entire families who were terminated without any survivors. Even though their presence is now forgotten, each and every human right of theirs is still present in this roof tile.

The lethal power of the atomic bomb can be roughly divided into three categories: the heat rays, the blast, and the radiation. This tile made it possible to demonstrate the lethal power of only the heat rays. Therefore, as we understand, this is one of few artifacts that can accurately convey a portion of its destructive power.

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The sight of the tile informs viewers of the high heat temperature of this atomic killer. If possible, the suffering, pain and hell-like misery of those who were burned to death can be imagined. If any sympathy and unjustness can be understood, please pray for the victims of the atomic bomb in accordance with the practices of your country and religion.

Your kind and heartfelt prayers will assure that the deceased rest in peace. Each individual prayer may eventually connect to the prayers of others, which will eventually produce a greater power of mercy. And, this is where we see the hope for a peaceful world for the future.

Rebun Kayo
 Rebun Kayo
 Chairman
 Association of Hiroshima University
 for sending an atomic-bombed roof tile

*Hiroshima University Archives
 Extract is made from data
 after World War II.*

(一) 財 経 務 省 外 務 省 協 同 会 議 決 案 第 三 三 号 (秘 録)
 25 January, 1953

Hiroshima City, Japan

Dear Mr. President:

In my capacity as President of Hiroshima University, situated in the center of Hiroshima, which is world-famous as "Atom-Bombed City" and designated by the Japanese Diet as "Eternal Peace Commemorating City", I am sending letters to a large number of universities all over the world. We have chosen to include your university especially in order to ask for your help in our great task of reconstruction here.

Since I came to this university in April last year, I have been making every effort to rejuvenate it to be a peace-university, as a spiritual and cultural center of a peace city.

Permit me to dwell a little on some of my own personal matters. Immediately after the cessation of hostilities, I gave up my academic career and entered into political life. I participated in establishing the new constitution of Japan as a member of the House of Representatives and as chairman of the Political Research Committee of the Socialist Party. I was actively engaged in the drastic reform of the Japanese educational system, as Minister of Education in the Katayama and Ashida Cabinets.

It was mainly for the following two reasons that I resigned as a member of the House of Representatives and from my political party in order to be president of this university.

1. I was firmly convinced that the establishment of a New Japan depends fundamentally upon the education of youth, namely, the nurturing of a new people. With the beginning of the Meiji era, Japan launched upon a remarkable revolution in the fields of politics and industry, but she has never had a renaissance and reformation in the strict sense of the word, as those experienced by the European peoples. Japan needs, above all, a spiritual or human revolution that will make the foundation of our new constitution solid.
2. In order to establish a peaceful city, nothing is more important for the Hiroshima people than to cherish peaceful thoughts together with a will to realize permanent peace. This will be supported by the ever-present memory of a bomb-devastated city, which was as grave and eloquent a tragedy as we had ever known. Especially do I think it necessary when I recollect that Hiroshima was one of the chief military centers since the middle of the Meiji era. Therefore I believe that our university has the important responsibility to be a spiritual center for the city. To fulfill this responsibility is extremely urgent, but it is difficult to attain in view of the present situation at home and abroad.

broad.

Materially and spiritually, the establishment of a Peace University is a herculean task, just as it is to keep the world in lasting peace. The citizens of Hiroshima City and Prefecture, supported by the National Government and Civil Information and Education Section, GHQ, SCAP, are cooperating in this enterprise. But on account of the work is slow to progress.

Apart from this, I think it a very significant project for many universities in the world to cooperate in the establishment of a Peace University in a city that is often supposed to be Mecca of the world-peace-movement. It is for this reason that I should like to ask for your assistance in the reconstruction of our university. And this cooperation may not amount to much from the economic point of view, but it will be of deep significance, from the spiritual point of view, in contributing to international understanding and the permanent peace of the world. This will be of benefit not only to the students and professors of the university that receive it but also to those of the universities that offer it.

I know, however, that universities in any country are not always provided with ample funds for their own support, so that I want to place more emphasis on their moral assistance and encouragement rather than material contributions.

If you would accept one or both of the following two suggestions, it would be greatly appreciated.

1. I have a desire to establish within our university, an institute for research into international peace problems. As an initial stage for this program I want to collect books and periodicals concerning peace problems. This is also a gigantic task for Hiroshima University which, during the war, completely lost its central library and its contents. I wish for your help in this work. I should be very pleased if your university would send us one book or pamphlet—the more, of course, the better—considered valuable by your university or of note in your country. We will inscribe on them the name of your university in memory of your goodwill and keep them permanently in the university's "international-peace-library". The reading of these books, indeed, the very existence of this library, I believe, will undoubtedly create and promote an atmosphere of universal friendship, spreading peace commensurate with the peace-university.
- Our university consists of facilities embracing literature, politico-economics, education, sciences, engineering, and fishery and stock-breeding. If, therefore, your university has any extra books in these fields of studies and could spare them for us, in addition to the books concerning peace problems, it would be greatly appreciated.

2. I would like to ask for your cooperation in the "verduring" of our university. I was surprised when I came to Hiroshima for the first time after the war to see the half-burnt university-buildings standing on the bare, desolate ground destined of a single tree with green leaves, just as the other parts of the city were. So I have worked out a plan to "verdurate" the university campus, and turn it from a burnt, red-rusty hue to a fresh green color. Not red, symbolizing struggle and bloodshed, but green, which is the color of growth and hope. I believe, should be the color of our university. I would like to ask for your help in this program, too. When it is realized, thousands of students studying within this campus—there are 4,500 students in our university—will observe that the tree under whose shade they are taking their rest was sent through the goodwill of "A" university, the avenue along which they are walking was planted through the gifts from "B" and "C" universities, and that the hedge covered with pretty flowers is a symbol of "D" university's friendship, and new inspiration for international fellowship may result. Won't this be more powerful than thousands of words or a series of speeches to cultivate a peace-loving spirit in the minds of the students? Bearing such a dream in mind, I beseech you to send us a young tree that characterizes your country or your university. Under the present conditions, however, it might be difficult somehow. Should it be impossible, some seeds of the tree can take its place. We will do our best to sow and nurture them. If even that is not possible, we could procure a young tree here in Hiroshima at your discretion and expense. In this case, you would need to send us a sum of money amounting to three American dollars for one tree and a sign showing the name of its donor. If the species of the tree is indicated, it will be a help. If the tree you indicate can not endure the climate and soil of Hiroshima, will you allow us to select a substitute according to the advice of our professors, who have specialized in horticulture? The tree you may donate, will long be remembered by the sign attached to it with the name of your university in addition to that of the tree.

In view of the critical international situation, I want to step forward in the direction of the slogan, "No more Hiroshimas", and beg your assistance in establishing this university as a peace-university as well as a spiritual center for the Atom-Peace-City.

With very best wishes for the prosperity of your university and the diffusion of a peace-loving spirit, I hope a friendly liaison and spirit of co-operation will be inaugurated between your university and ours.

Very sincerely yours,
 Tatsuo Murio
 President
 Hiroshima University

—DOCUMENT—

25 July 2012

- (1. Name of extraction) Atomic-bombed roof tile
- (2. Extraction person) Reibun Kayo
- (3. Extraction date) 15 January 2012
- (4. Extraction place) River bed of Motogasu river
(Inside of the soil layer of topsoil to the 30-cm lower part)
Nakashima cho Hiroshima city Hiroshima Japan

Date creation Reibun Kayo

Chairman
Association of Hiroshima University
For sending an atomic-bombed roof tile

3-2, Kagamiyama 1-chome,
Higashi Hiroshima city
Hiroshima Japan 739-8511

August 6, 2012

Professor Dr. Shirley M. Tilghman
President
President's room
PRINCETON UNIVERSITY
Nassau Hall
Princeton, New Jersey 08544-0016 USA

Dear Professor Dr. Shirley M. Tilghman

At this time we wish to sincerely thank you for your cordial response to the inquiry made by our university's Atomic Bomb Tile Shipment Association. Furthermore, we wish to deeply apologize for our slow shipment, despite having received such a quick reply from your university.

This Atomic Bomb Tile was collected from a riverbed near the hypocenter (ground zero). It will forever serve as a memory of 8:15 a.m. on August 6, 1945. We wish to donate it to your university along with our wholehearted wish for the realization of a world free of war and nuclear weapons. It is our fervent hope that you will be able to utilize it in exhibits, educational activities, awareness campaigns, and other meaningful ways.

We wish to offer our sincere condolences for those persons from or associated with your university who lost their lives in the tragedy that occurred in New York on September 11, 2001. Those who perished and the families of those who perished on that day 11 years ago certainly experienced a tragedy that is unimaginable, and those families are undoubtedly still grieving today. The sadness of losing someone so quickly goes beyond imagination. Just as your university has offered its understanding in regard to the souls of the victims of the atomic bombing in Hiroshima, we, too, wish to extend our prayers for the souls of the victims in New York.

The threat of nuclear weapons still exists in many areas of the world. It is our earnest desire, however, that the pain and sadness experienced in Hiroshima not be re-created anywhere else in the world.

This wish is not only the wish of those of us living today but represents the silent voices of the 240,000 Hiroshima citizens who perished from the atomic bomb. We believe it is also the will of others such as yourselves who will work together with us to build a peaceful future for the world.

Again, we wish to thank you for the kind gift that your university gave to our university sixty years ago during the post-war period, a time of extreme poverty throughout the world. As a testament to your unwavering virtue, that gift has had an overpowering presence, and though sixty years have gone by, it continues to generate within us an unfading feeling of emotion and gratitude. We have a deep appreciation for that act and regard it as a model for humanity. Furthermore, we plan to perpetually convey its message not only to our university's students but to the people of Hiroshima Prefecture and Japan. We regard the selfless, charitable spirit that your university has demonstrated to us firsthand as a cherished treasure of human society.

In closing, let us extend our best wishes for the well being and prosperity of all who are associated with your university.

Warm regards,

Toshimasa Asahara
Toshimasa Asahara M.D., Ph.D.
President
Hiroshima University

PRINCETON UNIVERSITY
PRINCETON NEW JERSEY

May 4, 1951

Dear President Morito:

We have received your letter of January twenty-fifth and I wish to send you on behalf of my colleagues here our warm congratulations on the great progress which you report in the building of Hiroshima University. We are indeed glad to act upon the two suggestions made in your letter, and I am glad to tell you that our librarian has sent to you a book which we will be glad to have your library accept as a gift from Princeton University. Our Department of Grounds and Buildings considered the idea of sending a tree for you to plant, but because of the uncertainties of trees after a long trip would thrive when planted, they are sending you a remittance of five American dollars which we hope you will use to select a native tree as a gift from us.

Please accept further our best wishes for the continued development and success of Hiroshima University.

Sincerely yours,

Othmar E. Fox

President Tatsuo Morito
Hiroshima University
Hiroshima City, Japan

PRINCETON UNIVERSITY
PRINCETON, NEW JERSEY

ALL INVOICES MUST BE
ACCOMPANIED BY PAYEE'S
SIGNATURE ON THIS FORM.

INVOICE

No. _____ DATE _____

TO: Grounds and Buildings FROM: Hiroshima University

Date: Hiroshima, Japan

ITEMS

ITEMS	PRICE	QUANT.	AMOUNT
Five dollars (\$5.00) to be transmitted to Hiroshima University for the purchase of a tree to be planted as a gift of Princeton University	5.00		
Exchange on draft	1.00		
Total	6.00		

THIS COPY WILL BE RETURNED TO
PAYEE WITH REMITTANCE
NO RECEIPT NECESSARY

