

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII BOARD OF AGR.

06 FEB 21 AM : 56

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

As Hawaiian producers and shippers we have been severely restricted in bringing our local produce to world markets. Fruit flies and other pests do not allow for unrestricted shipments to the US Mainland or other potential markets. Access to the US mainland requires treatment that is not available on most islands.

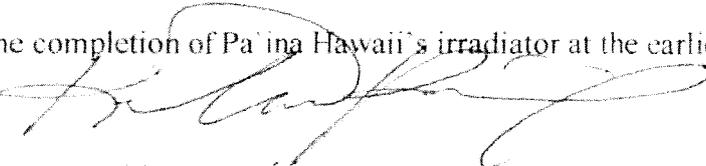
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For agriculture to develop in Hawaii an irradiator must be dependable, accessible and open to all shippers from all islands. Pa'ina Hawaii has stated that it will provide fair and equal access to everyone that wishes to use the facility. Also its location on Oahu, makes shipping affordable for all islands.

The Pa'ina Hawaii irradiator will be an "Underwater Category III" cobalt-60 irradiator. The International Atomic Energy Agency describes a Category III irradiator as an "inherently safe" design with no effect on the environment. The cobalt-60 source in the irradiator remains safely underground at all times. The safety record of Category III irradiators is excellent. After more than 50 years of experience worldwide, there has never been an incident in a Category III irradiator resulting in irradiation exposure to an employee or the public.

We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:



Print name: Keith W. Reislwig

Date: Feb. 17. 2006

Occupation: Military/Part time farmer

Address: HOR 1 Box 5055  
Keaau HI 96749

phone: 443 8271

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII DEPT. OF AGRICULTURE

06 MAR 10 AM : 40

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Signature:

*Jersey Julian*

Print name:

*Jersey Julian*

Date:

*3-4-06*

Occupation:

*SELF EMPLOYED / PAPAYA*

Address:

*P O BOX 1775 OAHU, HI 96718*

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII DEPT OF AGR

06 FEB 21 AM : 56

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: 

Print name: Ella Manuel

Date: FEB. 16, 06

Occupation: PAPAYA FARMER

Address: 15-16 47 KEAAU - PAHOA Hwy  
Keauu, HI  
96749

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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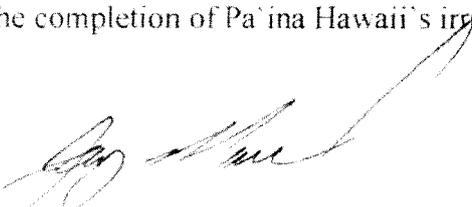
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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:



Print name:

RAY MANUEL

Date:

FEB 10 2006

Occupation:

FARMER

Address:

17-107 KULINARIZ. KERALI HI 96749

05 FEB 21 AM 11:56

MAIL ROOM

11

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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Signature: *Honolulu Board of Agriculture*

Print name: *FLORANTE C. MORALES*

Date: *03/08/15*

Occupation: *PROFESSOR*

Address: *P.O. BOX 1750 KESAWI HI 96840*

03 08 2015 11:13  
RECEIVED

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

06 FEB 21 AM 11:56

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: 

Print name: ORLANDO MAOUEL

Date: Feb. 17, 2006

Occupation: FARMER

Address: 15, 1647 Keolu - Pali Hwy.  
Keolu, HI 96749

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAIIAN BOARD OF AGRICULTURE

06 MAR 2 11:32

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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Signature: *Rodolfo Siburca*  
Print name: *Rodolfo Siburca*  
Date: *2/27/86*  
Occupation: *Papaya Grower*  
Address: *17-755 Meaolu St.*  
*Leleiahi HI 96749*

P1

HAWAII

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

06 MAR 3 12:53

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: Alberto Belmas

Print name: Alberto Belmas

Date: 3/2/06

Occupation: 22 year Papaya Farming

Address: P.O. Box 414  
Kaanu HI 96749

11

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: *William Julius*  
Print name: William Julius  
Date: 2-25-06  
Occupation: Farmer / Buyer  
Address: 15-32-67  
100 piki st  
Pa'hoa Hawaii 96772

06 07 08 21:14

11

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII  
06 MAR 20 AM 11:05

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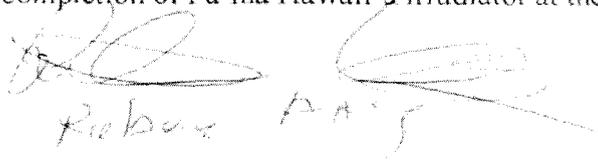
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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:



Print name:

Robert A. King

Date:

3/16/06

Occupation:

Pepeya farmer

Address:

P.O. Box 810 Kapa'ala HI

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, Hawai'i 96814-2512

HAWAIIAN TELEVISION

06 MAR 2 AM 11:31

DOA Chairperson, fax: (808) 973-9613

We, the undersigned, support and urge the completion of a second irradiator in Hawai'i on Oahu at Honolulu International Airport.

We are aware that the Hawaiian producers and shippers have been severely restricted in bringing their local produce to world markets. Fruit flies and other pests do not allow for unrestricted shipments to the US mainland or other potential markets. Access to the US mainland requires treatment that is not available on most islands.

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We urge the completion of Pa'ina Hawai'i's irradiator at the earliest possible date.

Signature(s): Herbert T. Ishii

Print name(s): HERBERT T. ISHII

Date: 2/23/2006

Occupation: RETIRED (DA Civilian)

Address: 81 Palua Loop

Hilo HI 96720

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HAWAII DEPT. OF AGR.

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

06 FEB 21 AM 11:57

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: *Jane Manuel Gargano*

Print name: *Jane Manuel Gargano*

Date: *2-17-00*

Occupation: *Cont. SVK*

Address: *P.O. Box 7284  
Hilo, HI 96720*



P1

08 MAR 17 11:17

HAWAII STATE DEPARTMENT OF AGRICULTURE

Ms. Sandy Kunimoto  
Chairperson, Board of Agriculture  
Hawaii State Department of Agriculture  
1428 S. King St.  
Honolulu, Hawaii 96814

~~Dear Ms. Kunimoto:~~ *Sandy*

We write in support of the completion of an irradiator on Oahu to enable the expansion of agricultural exports from Hawaii to markets around the world. While there is an irradiator on the Big Island, access to that facility is limited, not only for growers on other islands abut also for companies like ours that could use the irradiator for other purposes as well.

The establishment of another irradiator has been focused on the export of locally grown products to markets on the mainland or elsewhere but for a produce wholesaler like us, the accessibility to an irradiator would be extremely helpful for the importation of produce that requires postharvest treatment prior to entry into Hawaii. These include root crops (radishes, turnips, rutabagas) and other commodities such as lemon grass or passion fruit. There are also instances where strawberries brought in from the mainland are found to have some insects upon arrival. Those fruits could be treated here and sold rather than being destroyed.

We hope that this offers another perspective to the need for an irradiator close to the major markets and distribution networks.

Thank you for the opportunity to express our views on this issue which we feel is critical to the future of Hawaii's agriculture and overall economic viability.

Very Truly Yours,  
*Tish*  
Letitia Uyehara  
Director of Marketing

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII DEPT OF AGR

06 FEB 23 AM : 13

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: 

Print name: SAM HUBY

Date: 2/21/06

Occupation: WHOLESALER

Address: 918 BANNISTER ST.  
HON H I 96819

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII DEPT OF AGRICULTURE

06 MAR 16 AM 11:39

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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Signature:



Print name: Robert E. Paull

Date: 2006 March 14

Occupation: Professor & Chairman Tropical Plant & Soil Sciences UHM

Address: 5393 Poola Street  
Honolulu, HI 96822

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAIIAN

06 MAR 14 12:00

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: *Jaimie Lynn Kihura*

Print name: Jaimie Lynn Kihura

Date: 03/08/06

Occupation: Student

Address: RR3 Box 1223  
Pahoa, HI 96778

P1

HAWAII STATE GOVERNMENT

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

06 FEB 23 AM 12

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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For agriculture to develop in Hawaii an irradiator must be dependable, accessible and open to all shippers from all islands. Pa'ina Hawaii has stated that it will provide fair and equal access to everyone that wishes to use the facility. Also its location on Oahu, makes shipping affordable for all islands.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:   
Print name: NELLIE HUHUA YUN

Date:

Occupation:

Address: 913 Bonniel St.

7/1

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, Hawai'i 96814-2512  
DOA Chairperson, fax: (808) 973-9613

We, the undersigned, support and urge the completion of a second irradiator in Hawai'i on Oahu at Honolulu International Airport.

We are aware that the Hawaiian producers and shippers have been severely restricted in bringing their local produce to world markets. Fruit flies and other pests do not allow for unrestricted shipments to the US mainland or other potential markets. Access to the US mainland requires treatment that is not available on most islands.

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We urge the completion of Pa'ina Hawai'i's irradiator at the earliest possible date.

Signature(s): Herbert T. Ishii

Print name(s): HERBERT T. ISHII

Date: 2/23/2006

Occupation: RETIRED (DA Civilian)

Address: 81 Palua Loop  
Hilo HI 96720

P1

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, Hawai'i 96814-2512  
DOA Chairperson, fax: (808) 973-9613

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We urge the completion of Pa'ina Hawai'i's irradiator at the earliest possible date.

Signature(s): Warren Marumoto

Print name(s): WARREN MARUMOTO

Date: 23 FEB 2006

Occupation: ACCOUNTANT

Address: PO Bx 891, HILO, HI 96721

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII DEPT. OF AGRICULTURE

06 MAR 2 AM 11:32

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: 

Print name: Raymond M. Hasegawa

Date: 2/23/16

Occupation: Manager / Sales / UAP

Address: 900 Leilani St Honolulu HI 96721

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, Hawai'i 96814-2512  
DOA Chairperson, fax: (808) 973-9613

HAWAII STATE DOA

08 MAR 2 AM 11:31

We, the undersigned, support and urge the completion of a second irradiator in Hawai'i on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawai'i's irradiator at the earliest possible date.

Signature(s): Sandra Lee Kunimoto

Print name(s): NACRI M. KUNIMOTO

Date: 2/23/06

Occupation: OFFICE MANAGER

Address: P.O. Box 1596  
Hilo, HI 96721

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, Hawai'i 96814-2512  
DOA Chairperson, fax: (808) 973-9613

HAWAIIAN AIRPORT AUTHORITY  
06 MAR 2 11:31

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We urge the completion of Pa'ina Hawai'i's irradiator at the earliest possible date.

Signature(s): John T. Hamano

Print name(s): John T. Hamano

Date: 2/23/04

Occupation: Manager

Address: 518 E Lanikaula St  
Hilo, Hi, 96720

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:



Print name:

TAVARES, TROY

Date:

10 FEB 06

Occupation:

MILITARY, PAPAYA PICKER

Address:

P.O. Box 931 KEAAU HI.

NGRFR21 ALL: 56

RECEIVED FEB 21 2006

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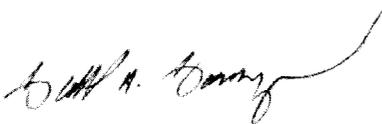
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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:



Print name:

SCOTT SOUZA

Date:

2-10-06

Occupation:

Plumber/packer

Address:

15-1413 Keenan-Pahoa Hwy.  
Keenan, HI 96749

09-09-21 011:56



Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAIIAN NEWS SERVICE

06 APR 11 2 1 : 34

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

As Hawaiian residents we recognize the need to diversify our economy as much as possible, decreasing our dependence on tourism and military spending. The expansion of diversified agriculture will help achieve those goals. Fruit flies and other pests do not allow for unrestricted shipments to the US Mainland or other potential markets. Access to the US mainland requires treatment that is not available on most islands.

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Further we recognize the importance an irradiator would have in treating incoming produce, helping to reduce the threat of invasive species, which have already taken a toll on our islands.

We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: *Doreen Yamamoto*

Print name: DOREEN YAMAMOTO

Date: 4/2/06

Occupation: OFFICE MANAGER

Address: 22044 WILSON CT. STE 716  
WILSON HI 96797

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAIIAN

06 APR 11 P 1: 34

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Signature:

Print name:

Occupation:

Date:

Address:

*[Handwritten signature]*  
*[Handwritten name: Sandra Lee Kunimoto]*

*4/1/06*  
*3049 WALANA ST #716*  
*HI 96819*

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAII OFFICE

06 APR 11 P 1: 34

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: *Sandra Lee Kunimoto*

Print name: Sandra Lee Kunimoto Date: 4/6/11

Occupation: Chairperson, Board of Agriculture Address: 1428 South King Street, Honolulu, HI 96814-2512

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAIIAN IRRADIATOR

06 APR 11 P 1: 34

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature: *[Handwritten Signature]*

Print name: *Debbie Fuchino*

Date: *4/3/06*

Occupation: *Denial Assistant*

Address: *3049 Waikeala St #116  
Hon, HI 96819*

Sandra Lee Kunimoto  
Chairperson, Board of Agriculture  
1428 South King Street  
Honolulu, HI 96814-2512

HAWAIIAN TELEPHONE

06 APR 11 P 1 : 34

We, the undersigned, support and urge the completion of a second irradiator in Hawaii on Oahu at Honolulu International Airport.

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We urge the completion of Pa'ina Hawaii's irradiator at the earliest possible date.

Signature:



Print name:

ALLISON LEONARD

Occupation:

DENTAL ASST.

Date:

4-8-06

Address:

2049 MALDEN

HONOLULU 96819



State of Hawaii  
**DEPARTMENT OF AGRICULTURE**  
1428 South King Street  
Honolulu, Hawaii 96814-2512  
Phone: (808) 973-9600 Fax: (808) 973-9613

August 28, 2006

Mr. Michael Kohn  
President  
Paina Hawaii  
P.O. Box 31264  
Honolulu, Hawaii 96820

Dear Mr. Kohn:

This letter is in response to your query regarding our interest to have a second commercial irradiator in Hawaii preferably located at Honolulu International Airport.

As you know, Hawaii has a commercial irradiator on the Island of Hawaii treating tropical fruit and sweet potato for export to U.S. mainland markets. That irradiator has been in operation for approximately five years. The facility is owned by a papaya packer and exporter. In addition to treating papaya of its own production through land lease agreements with growers, the facility treats papaya for independent papaya growers on the island. Independent papaya growers must provide a minimum of 1,000 cases of fruit per week to receive treatment service, however, no more than 2,000 cases per week can be delivered to the facility for treatment.

The bulk of the throughput tonnage for the existing facility is provided by growers located on the Island of Hawaii. For growers elsewhere in the state, the location of the facility in Keeau on the Island of Hawaii has been a limiting factor for the expansion of production for export markets given the high costs of transportation and the limited access to markets from the Island of Hawaii.

As a result, there is great need for a second commercial irradiator in Hawaii, fully accessible to all potential users, located on Oahu, the central hub for transportation both air and sea for Hawaii.

Tropical fruit and vegetable commodities are highly perishable requiring the shortest possible time delay from field to market. Hawaii is also a high cost producer, and for growers in Hawaii to be competitive on the world market, quarantine treatment and other handling costs need to be kept to a minimum.

The location of the second facility at Honolulu International Airport will give our growers access to the widest range of mainland and foreign destinations with the shortest time delays from field and treatment to market.



Further, other initiatives are underway that beg for a second irradiator for Hawaii located on the Island of Oahu, preferably at Honolulu International Airport.

A major effort is underway to establish a new biosecurity system for the State of Hawaii. Hawaii has the dubious distinction of having more threatened and endangered species of any state in the union. Much of the environmental pressures that have resulted in the loss of biodiversity in Hawaii have been a result of the loss of native habitat to pest species. Some of these "pests" were intentional introductions; others arrived as hitch hiking pests, primarily on agricultural commodities as fresh fruits and vegetables, cut flowers and foliage plants, brought into the state to sustain the growth of our economy.

The need to keep pests out of the state is a top priority of the state and its federal, county and private sector partners. Recognizing this, the State Civil Defense has just approved a \$100,000 grant to the Hawaii Department of Agriculture for preliminary planning and design for a joint use inspection facility at Honolulu International Airport for State Plant Quarantine, USDA, APHIS, Plant Protection and Quarantine, and for Homeland Security, Customs and Border Protection. The purpose of this joint inspection facility, which could be several acres under one roof, is to assure the most efficient and effective inspection of agricultural products entering Hawaii by three plant quarantine (one state and two federal) agencies. The joint inspection facility is also a pilot effort to test information sharing and collaboration across jurisdictional lines, a national priority of Federal Homeland Security.

The joint use inspection facility for Hawaii is an important component of highly complex initiative to expand and make biosecurity orders of magnitude more effective and efficient in the state. To this end, the State Legislature doubled the staffing of State Plant Quarantine in FY 2006; we anticipate the program will be again doubled in size and resources in FY 2007. A consequence of this effort to assure that we find and prevent the movement of pests into the state is the dilemma of the find and the need to destroy or send back to sender agricultural products that otherwise have high value and quality except for the presence of hitch hiking pests "not known to be present in the state". The HDOA rejected 125 LD3 containers of fresh strawberries several years ago and continue to reject dozens of containers of strawberries and other commodities yearly as a result of pests of quarantine concern to Hawaii. These strawberries could have been treated in an irradiator at low doses that would have mitigated the pests risk at the same time extended the shelf life of the strawberries on market shelves. Hawaii is not in a position to regulate incoming produce as Japan or even California, based on a seemingly zero tolerance standard. Should Hawaii attempt to impose a zero tolerance standard, suppliers would most certainly choose to abandon the state. The expansion of state biosecurity to prevent entry of pests begs the need for post entry commodity treatment. Irradiation has the broadest application for post entry quarantine treatment and would be a critical component to assure the success of state and federal plant quarantine in Hawaii.

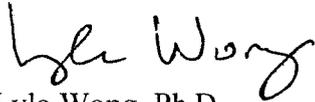
The state recently funded (FY 2004) a \$130,000 study to the University of Hawaii on the application of low dose irradiation for the treatment of cut flowers for pest control. Thousands of boxes of cut flowers and cut greens enter Hawaii each year for the florist trade, far more than can be visually inspected by inspectors. The treatment of flowers for pest control through an

irradiator at Honolulu International Airport is a viable alternative to visual inspection one box after another.

In addition to the above, you are well aware that Hawaii is a major supplier of sterile fruit fly pupae for “preventative release” programs in California to prevent the Mediterranean fruit fly from becoming established in that state. The rearing facility in Hawaii is owned and operated by the California Department of Agriculture. CDFA would like to double the size of its existing fruit fly rearing facility and to possibly increase capacity to 400 + pupae per week. Two Husman Cesium – 137 irradiators owned and operated by the USDA, APHIS, PPQ currently sterilizes the current production of the CDFA facility. Should CDFA expand its facility as planned, CDFA will need additional treatment capacity for the sterilization of the pupae on a timely basis. The Husman would take an estimated 16 hours of continued operation to sterilize 1,400 pounds of pupae per day and this is totally unacceptable. CDFA would have to build its own irradiator to meet its needs, or to contract out this service as an alternative. One option would be to ship the pupae to Keeau on the Island of Hawaii on a daily basis for the treatment. We understand CDFA as well as USDA would prefer to treat the pupae on Oahu to minimize delays and additional handling steps and to reduce the risk of mishaps in the handling of a highly fragile commodity that must be sterilized without room for error to avoid the release of fertile fruit flies on the U.S. mainland.

All the above said, please be advised that a second commercial irradiator in Hawaii is in the interest of the diversified agriculture in Hawaii, the biosecurity of the State of Hawaii, and critically important infrastructure need for the fruit fly rearing program in Hawaii, and therein, has the strongest interest and support of this department.

Sincerely,

A handwritten signature in black ink that reads "Lyle Wong". The signature is written in a cursive, flowing style.

Lyle Wong, Ph.D.

Plant Industry Administrator

TRANSPACIFIC ASSOCIATES, INC.

P.O. Box 240877

October 13, 2003

Honolulu, Hawaii 96824-0877



Telephone 808 833 5252

JM Associates LLC  
P.O. Box 31264  
Honolulu, Hawaii 96820

Facsimile 808 833 4899

As the most important cargo gateway in Hawaii, it is felt that the Honolulu Airport, the island of Oahu and the state's economy would benefit greatly from the construction and operation of a commercial irradiator on Oahu. It is felt that it would favorably impact the agriculture and transportation industries throughout the state and open up significant markets to Hawaii products throughout the rest of the United States and the Pacific region. It would also be consistent with the State's intent to diversify the economy by encouraging the further expansion of diversified agriculture.

Regards,

TRANSPACIFIC ASSOCIATES, INC.

David Tuttle



## Super Foods, Inc.

P.O. Box 30332 • Honolulu, Hawaii 96820, U.S.A. • Phone (808) 834-1541 • Fax (808) 839-3636

October 14, 2003

Mr. Michael Kohn  
JM Associates, LLC  
P.O. Box 31264  
Honolulu, Hawaii 96820

Dear Michael:

I am glad to hear that you plan to build a commercial irradiator on the island of Oahu. As a twenty-year veteran of the agriculture and produce industry, I'm fully aware that the farmers in the State of Hawaii will benefit greatly from a commercial irradiator. The irradiator on the Big Island has been proven to be a good example. The exportation of papayas, sweet potatoes, and other exotic fruits to the continental United States was almost impossible in the past, but thanks to irradiation technology, it is now a reality.

A commercial irradiator built on Oahu would not only solve the problem of having to ship produce to and from the Big Island in order to utilize their irradiator, but also save time and reduce the costs of exporting our products to United States. Once there is an economic way to ship products to other markets, we can expect a lot of new crops will be grown in the State of Hawaii and benefit the entire state.

I hope this letter expresses my support for a commercial irradiator built on Oahu. Should you have any questions please do not hesitate to contact me at 834-1541.

Sincerely yours,

Tai Wang  
President

P.O. Box 36, Kahuku, Hawaii 96731  
Telephone: 808 293-9450



Facsimile: 808 293-8263  
Email: info@kahukubrand.com

October 15, 2003

JM Associates LLC  
PO Box 31264  
Honolulu, HI 96820

Dear Sir or Madam:

As farmers on the North Shore of Oahu, we are in support of building an irradiation facility in Honolulu. With the increase of diversified agriculture in Hawaii, we are facing a market glut for commodity products. With a treatment facility, we will be able to diversify into alternative crops that are exportable to the global market.

As papaya and mango growers, we see a problem of market saturation and it has become more difficult to continue growing these commodities as a viable business. It is necessary to seek "out of state" markets to continue sustaining our farming capabilities.

Our farm currently grows 60 acres in papayas and 25 acres in mangoes. Average yields are: 2.5 million lbs per year for papayas and 100,000 lbs per year for mangoes. Our farm has the potential to expand to 150 acres of papayas.

When we were independent contractors for Dole Foods, there were about 450 acres of papaya grown in the Waialua area. With the closure of the treatment facility, acreage is down to less than 100 acres.

Mango prices were depressed this year. Currently, about 125 acres are grown on Oahu and as orchards mature, over supply will further depress prices.

Sustainable agriculture in Hawaii is at it's crossroads, as diversified crops increase it is difficult to market our produce only in the islands. It is imminent that we find additional markets that are willing to purchase our fresh products at competitive market rates.

Please let me know if you have any questions.  
Thank you for your help and support.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Melvin K. Matsuda".

Melvin K Matsuda  
President

A handwritten signature in black ink, appearing to read "Clyde O. Fukuyama".

Clyde O Fukuyama  
Vice President

KAIMUKI BUSINESS PLAZA  
SUITE 408-409  
3615 HARDING AVENUE  
HONOLULU, HAWAII 96816  
USA

October 20, 2003

TEL: (808) 735-2602  
FAX: (808) 734-2315  
EMAIL: pacmar@pacmarinc.com

JM Associates LLC  
PO Box 31264  
Honolulu, HI 96820

Re: Letter of Support for building a commercial food irradiator on Oahu.

Diversified agriculture presents the opportunity for Hawaii's farmers to keep the former sugar lands and other agricultural lands in economically viable production. Hawaii's warm growing climate offers great opportunity for the growth and marketing of high-value, high-quality tropical and subtropical fruits, vegetables and herbs. The warm climate also presents obstacles to market expansion. In particular the infestation of agricultural pests places limitations on the shipping and marketing of Hawaii produce outside of Hawaii without the need for disinfestation.

Irradiation technology exists that can provide Hawaii's growers with an effective method for overcoming federal quarantine requirements. A commercial irradiator strategically located on Oahu, could serve growers from all islands by treating produce before air shipment from the Honolulu airport, Hawaii's major hub servicing the mainland as well as many major cities overseas.

Overcoming this impediment to the expansion of distant marketing and export of fresh Hawaii agricultural produce has the potential to further strengthen Hawaii's diversification of the agricultural sector and economy overall.

PacMar Inc. understands and appreciates the importance of a commercial irradiator and supports the idea of having a commercial irradiator on Oahu for the good of the state.

Sincerely,



John Kaneko  
Project Director  
PacMar Inc.

*Puna-Hawaii King  
Papaya Cooperative*

P.O. Box 4671 Hilo HI 96720  
Phone: (808) 938-9871  
e-mail: [PunaKing@Hawaii.RR.com](mailto:PunaKing@Hawaii.RR.com)

October 28, 2003

JM Associates, LLC  
PO Box 31264  
Honolulu HI 96820

Mr. John Farias  
Mr. Michael Kohn

Dear John and Michael:

The Puna-Hawaii King Papaya Cooperative is organized to meet the challenges of growing and marketing of Hawaii papayas in our fast changing world. Our goal is to become efficient in marketing our papayas direct from our fields. Based on our projection, our cooperative will have a combined production of about 15 million pounds in three years. Our expansion is geared toward supporting the irradiator with at least 5 million pounds of papayas annually. At present, our members have a combined acreage of about 1200 acres. The cooperative is also negotiating to lease another 800 acres.

In this regard, we have decided to support the irradiator to be built on Oahu. Some of our members, including me, are presently doing business with Michael's Equipment Team Hawaii.

We are ready for the next step. With our support, we are confident that you will pursue the goal of establishing an irradiator on Oahu to support growers like us to export our products to foreign countries that accept irradiation as quarantine treatment.

The potential is great. We believe that another irradiator will fully tap the potential of exporting agricultural products from Hawaii to the rest of the world.

Should you have any questions, please feel free to contact me.

Sincerely,

  
ORLANDO MANUEL  
Vice President



November 10, 2003

JM Associates LLC  
P.O. Box 31264  
Honolulu, HI 96820

To whom it may concern,

Caliman International is the largest distributor of papaya worldwide. Until now we have been selling exclusively Caliman papaya from Brazil. Caliman International distributes around 14 million pounds lb of fruits to the US and 15 million lb to Europe.

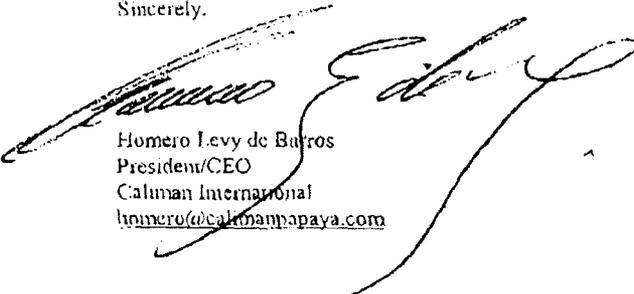
There is a need to find additional sources of papaya to satisfy the fast growing papaya market. A different variety such as the Hawaiian Solo papaya would be a welcome addition to be shipped to our large customer base in the US.

We have known Michael Kohn from Hawaii Fruit Company since 1991 and respect and trust his knowledge of the papaya industry. For some 3 years Michael and I have talked about the possibilities of Caliman International marketing irradiated papayas from Hawaii. However definite plans to market irradiated Hawaiian papayas were hindered by the fact that the future of the only irradiator in Hawaii had been in doubt.

It is our understanding that an irradiator will be build on the island of Oahu with far better promise to be economically viable than the facility on the Big Island. The location at Honolulu airport will also make it possible to directly reach all major US cities. We believe a volume of some 10 million pounds annually to be distributed in the US should be obtainable within a few years.

We sincerely hope your project will go through and look forward to the possibility to market Hawaii papaya.

Sincerely,



Homero Levy de Barros  
President/CEO  
Caliman International  
[homero@calimanpapaya.com](mailto:homero@calimanpapaya.com)

**Caliman International**  
North American Headquarters  
324 South University Drive • Plantation, FL 33324 • USA  
Tel (1) 954-475-8808 • Fax (1) 954-475-8896  
[www.calimanpapaya.com](http://www.calimanpapaya.com)

**From:** Matthew Blevins  
**To:** Hawaiiexport@aol.com  
**Date:** 08/29/2006 4:29:55 PM  
**Subject:** Re: (no subject)

That would be fine. Please send to the attention of Jack Whitten as they are handling all the incoming documents.

>>> <Hawaiiexport@aol.com> 08/29/2006 5:25 PM >>>  
Dear Matt,

I have tried to send additional letters of support but the files seem to large to upload.  
If you like I can mail you copies.

Sincerely,

Michael Kohn

**CC:** Roberto Torres

**Mail Envelope Properties** (44F4B184.102 : 2 : 11446)

**Subject:** Re: (no subject)  
**Creation Date** 08/29/2006 4:28:36 PM  
**From:** Matthew Blevins

**Created By:** MXB6@nrc.gov

**Recipients**

aol.com  
Hawaiiexport (Hawaiiexport@aol.com)

nrc.gov  
ARL\_PO.ARL\_DO  
RJT CC (Roberto Torres)

**Post Office**

ARL\_PO.ARL\_DO

**Route**

aol.com  
nrc.gov

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TEXT.htm	876	

**Options**

**Expiration Date:** None  
**Priority:** Standard  
**ReplyRequested:** No  
**Return Notification:** None

**Concealed Subject:** No  
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**Junk Mail Handling Evaluation Results**

Message is not eligible for Junk Mail handling  
Message is from an internal sender

**Junk Mail settings when this message was delivered**

Junk Mail handling disabled by User  
Junk List is not enabled  
Junk Mail using personal address books is not enabled  
Block List is not enabled

**From:** Matthew Blevins  
**To:** Roberto Torres  
**Date:** 08/29/2006 4:28:13 PM  
**Subject:** Fwd: Honolulu irradiator impacts

For your files...

>>> <Hawaiiexport@aol.com> 08/29/2006 4:33 PM >>>

Dear Mathew Blevin, Martin and Russell Stein from Graystar Inc told me that you would like to get more information on the economic impact of an irradiator near Honolulu Airport. The information would be needed as part of the EA that you will conduct. I would like to start with those companies, agencies and individuals that have send letters of support explaining their interest in an irradiator. Many of these letters of support have come from farmers (amongst them the five largest independent growers in Hawaii), but also Hawaii shippers, produce wholesalers (including the largest in the State of Hawaii), the Chairman of Tropical and Soil Sciences (University of Hawaii), individuals employed in agriculture, the largest US importer and distributor of papayas, the Hawaii Fruit Fly Rearing Facility (owned by California Dept. of Food and Agriculture), the Hawaii Dept. of Agriculture and others. Some letters of support date back as far as 2003 when JM Associates of which I am 50% owner developed concepts to build an irradiator. In 2005 when the time seemed right to build an irradiator Pa`ina Hawaii LLC was founded. Many letters were addressed to the Chairwomen of the Hawaii Dept. of Agriculture. The economic impacts are well stated in the letters of support. But they also state other impacts such as social and biological impacts. The mayor impacts can be categorized as follows: treatment for exports treatment of imports treatment to keep invasive species out of Hawaii sterilization of fruit fly pupae to control fruit fly populations on the Mainland research tool Treatment for export Hawaii has a history of monopolization be it land, transportation, energy or phytosanitary treatment of agricultural products. The monopolization of treatment is not always a result of ill intention. The technology of heat treatment requires an integrated process of heating, culling, sorting, ripening, chilling and packing fruits all within one facility. The Big Island of Hawaii is the location of all four treatment facilities in Hawaii (three heat and one electron beam irradiator). High shipping cost prevents growers intentionally monopolize five islands to treat in these facilities. Sometimes, however treatment facilities are intentionally monopolized. Treatment becomes the gateway to the Mainland and Pacific Rim countries. Prices to the growers are subject to the local markets (and the very few markets permitting untreated fruits such as Canada) and not subject to markets where treated fruits are sold (Japan and Mainland). An irradiator strategically located near Honolulu Airport would allow all farmers/shippers on all islands to treat their product, including the Big Island. Honolulu Airport is the focal point of distribution within the island chain as well as the mayor distribution point to the Mainland and Pacific Rim countries. Inexpensive "back haul" freight rates make it possible to ship from the outer islands to Honolulu. Irradiation is superbly qualified to treat already packed produce and could be treated near Honolulu Airport "on the way out" to the Mainland. But what will prevent Pa`ina Hawaii from doing the same and monopolize its "facility"? The By-Laws of Pa`ina Hawaii explicitly state "fair and equal access". On many occasions I have stated to the Government of Hawaii, the Hawaii Dept. of Agriculture, shippers and growers and both local newspapers that Pa`ina Hawaii will offer equal and fair access. The investors agree with that as most of them have no personal interest in exporting Hawaii ag products. Treatment of imports Especially during peak import seasons such as Mother's Day or Valentine's Day it is impossible for the Hawaii Department of Agriculture to thoroughly inspect the massive amount of flowers imported. Instead of waiting for inspection it would be possible to irradiate the flowers and release them in lieu of inspections. The economic gain would be immediate release to the importers. The biological benefit would be that Hawaii would be protected from additional invasive species. Treatment to keep invasive species out of Hawaii The Hawaii Dept. of Agriculture and the USDA conduct inspections of imports. Past studies indicate that a large numbers of unknown species enter Hawaii and pose a threat to the fragile ecology. When invasive species are found three options usually exist to importers. sending the product back to sender destruction treatment with methyl bromide Sending back to sender involves expensive freight cost and often decreases quality due to time delay. Destruction results in the total loss of the product. Furthermore there is a cost in properly destroying the product (e.g. freezing/thawing/freezing). The cost of methyl bromide treatment can be very high, especially if small quantities are fumigated. In many cases methyl bromide severely damages the product and lowers quality. Today most fumigation companies are reluctant to offer the service due to liability issues. If an irradiator is

available the cost to treat for invasive species would be minimal. Only in a few cases would quality suffer (e.g. fatty avocados). In many cases the quality would be improved (triple shelf life for strawberries) Sterilization of fruit fly pupae to control fruit fly populations on the Mainland and specifically in CaliforniaCalifornia's massive agriculture industry depends on controlling fruit flies. They are very destructive by stinging and laying eggs inside a fruit. Fruit flies are also the main reason why Hawaii can not freely ship to the Mainland or most Pacific Rim countries. Should California loose control over fruit fly outbreaks Japan, Korea, China as well as all southern US States would bar California from shipping. Currently, CDFA (California Dept of Food and Agriculture) produces 22 million pupae every day. CDFA has plans to triple their current production. However, the USDA owned Housman irradiators lack the capacity to sterilize the pupae in the required time. They would either need to reload them with Cesium or use Pa`ina Hawaii's irradiator. Research toolPa`ina Hawaii LLC founded and wholly owns Pacific Agriculture Research Company LLC to conduct research to help Hawaii agriculture. However, the University of Hawaii until recently operated also a category III irradiator for their research needs. The irradiator is now dismantled. The University has expressed interest to use our facility and we will make it available to them as well as any other entity in Hawaii. Other applicationsIn addition to the benefits listed above there are also other applications providing benefits to Hawaii. Although Paina's focus is not food safety it would be easy to irradiate meat, chicken, seafood and agriculture products to make them safer to eat. In fact the CDC and the USDA have stated these benefits and promote the use of irradiation. Another benefit would be import substitution. Hawaii has very favorable condition to grow products for its own population as well as overseas markets. Unfortunately these overseas markets are highly restricted or monopolized. Surplus production can not be sold often leading to a price collapse. Irradiation is not a product specific treatment form like heat treatment for papayas. With the exception of a few products high in fat or oils irradiation is the only universal treatment with no negative side effects. Although Pa`ina's irradiator is not set up for high dose treatment it could given enough exposure time treat just about any product should the need arise. To quantify in detail all the economic benefits would require a large analysis. I am not able to do that. However, a comparison of papaya consumption in Canada which does not require treatment and papaya consumption in the US, which does require treatment clearly shows the difference between a monopolized market vs an competitive market. In 2003 Canada received some 3.5 Million lb of Hawaii papayas (almost all to Vancouver), not including shipments via the West Coast. The US Mainland received 11 million lbs. Canada had a population of some 30 million while the US some 285 million. The per capita consumption in Canada was some .12 lb of Hawaii papaya annually while the US consumed only some .04 lb annually. Canadians therefore consume 3 times as many Hawaii papayas despite more expensive and limited availability of airspace. In fact wide body cargo service to Vancouver and Toronto is only offered by Air Canada. In comparison the Mainland is serviced by most major US airlines and can be reached by ocean transport within 5 days. The competitive environment keeps airfreight rates down while Air Canada charges a premium. At times Air Canada refuses to take papayas due to limited space and better rates on connecting flights from Australia and New Zealand. The reason for a much higher per capita consumption by Canadians lies in the competitive market. The US Mainland is mainly supplied by the three companies that own all four treatment facilities. Canada has no restrictions and many shippers and even farmers ship to Vancouver creating a very price competitive environment. I hope the information provided gives you a good foundation of the impact Pa`ina's irradiator will have for Hawaii. Pls let me know how I can help further. Sincerely, Michael KohnPresidentPa`ina Hawaii LLC

**Mail Envelope Properties** (44F4B08A.C25 : 2 : 11446)

**Subject:** Fwd: Honolulu irradiator impacts  
**Creation Date** 08/29/2006 4:24:26 PM  
**From:** Matthew Blevins  
  
**Created By:** MXB6@nrc.gov

**Recipients**  
nrc.gov  
ARL\_PO.ARL\_DO  
RJT (Roberto Torres)

**Post Office** ARL\_PO.ARL\_DO **Route** nrc.gov

Files	Size	Date & Time
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**Options**  
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Message is from an internal sender

**Junk Mail settings when this message was delivered**  
Junk Mail handling disabled by User  
Junk List is not enabled  
Junk Mail using personal address books is not enabled  
Block List is not enabled