

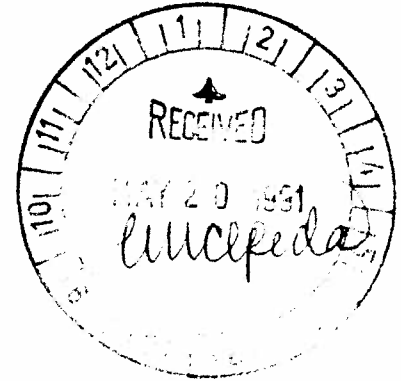


Territory of Guam
Territorio Guam

OFFICE OF THE GOVERNOR
UFISINAN I MAGA'LAHI
AGANA, GUAM 96910 U.S.A.

REFER TO
LEGISLATIVE SECRETARY MAY 17 1991

A handwritten signature in black ink, appearing to be 'J. San Agustin'.



The Honorable Joe T. San Agustin
Speaker, Twenty-First Guam Legislature
155 Hessler Street
Agana, Guam 96910

Dear Mr. Speaker:

Transmitted herewith is Bill No. 226, which has been signed into law this date as Public Law No. 21-27.

Sincerely,

A handwritten signature in black ink, appearing to be 'Frank F. Blas'.

FRANK F. BLAS
Governor of Guam
Acting

Attachment

210275

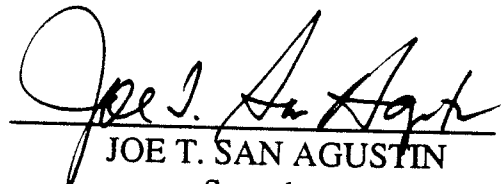


Commonwealth Now!

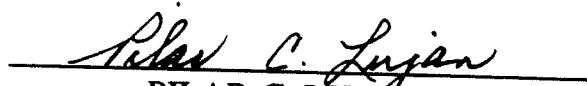
TWENTY-FIRST GUAM LEGISLATURE
1991 (FIRST) Regular Session

CERTIFICATION OF PASSAGE OF AN ACT TO THE GOVERNOR

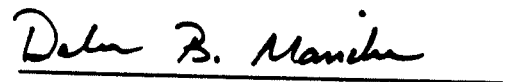
This is to certify that Bill No. 226(COR), "AN ACT TO AMEND SECTION 3 AND REPEAL AND REENACT SECTION 5 OF P.L. 20-184 RELATIVE TO RADON TESTING IN PUBLIC BUILDINGS," was on the 2nd day of May, 1991, duly and regularly passed.


JOE T. SAN AGUSTIN
Speaker

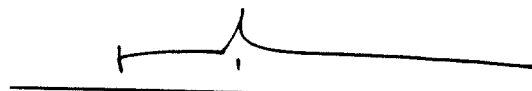
Attested:


PILAR C. LUJAN
Senator and Legislative Secretary

This Act was received by the Governor this 7th day of May,
1991, at 4:10 o'clock P.m.


Assistant Staff Officer
Governor's Office

APPROVED:


FRANK F. BLAS
Governor of Guam
Acting

Date: MAY 17 1991

Public Law No. 21-27

TWENTY-FIRST GUAM LEGISLATURE
1991 (FIRST) Regular Session

Bill No. 226 (COR)
As substituted by the Committee on
Health, Ecology and Welfare

Introduced by:

M. D. A. Manibusan
D. L. G. Shimizu
M. J. Reidy
J. P. Aguon
E. P. Arriola
J. G. Bamba
A. C. Blaz
M. Z. Bordallo
D. F. Brooks
H. D. Dierking
E. R. Duenas
E. M. Espaldon
C. T. C. Gutierrez
P. C. Lujan
G. Mailloux
D. Parkinson
M. C. Ruth
J. T. San Agustin
F. R. Santos
T. V. C. Tanaka
A. R. Unpingco

AN ACT TO AMEND SECTION 3 AND REPEAL AND REENACT
SECTION 5 OF P.L. 20-184 RELATIVE TO RADON TESTING IN
PUBLIC BUILDINGS.

1 **BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:**

2 **Section 1.** Section 3 of Public Law 20-184 is amended to read:

3 "Section 3. Not later than September 1, 1991 the "Task
4 Force" shall establish a program to test sample the Guam schools

1 and public buildings. The testing shall be completed not later
2 than January 1, 1993."

3 **Section 2.** Section 5 of Public Law 20-184 is repealed and reenacted
4 to read:

5 "Section 5. Six Hundred Thousand Dollars (\$600,000) are
6 hereby appropriated for funding this Radon Testing and
7 Mitigation Task Force. This twenty percent (20%) increase is in
8 response to the increased testing now authorized."

9 **Section 3.** New Sections 6 and 7 are added to Public Law 20-184 to
10 read as follows:

11 "Section 6. During the initial screening should the results
12 indicate a radon level (pci/L) of 20 to 200 or more the Task Force
13 shall immediately notify the Legislature.

14 Section 7. Radon testing kits, after approval by the Task
15 Force, shall be made available to the public at their cost."



TWENTY FIRST
GUAM LEGISLATURE

Dr. David L.G. Shimizu

SENATOR

Chairman: Committee on Health, Ecology & Welfare

April 30, 1991

The Honorable
Joe T. San Agustin
Speaker, 21st Guam Legislature
Agana, Guam

via: Committee on Rules

Dear Mr. Speaker:

The Committee on Health, Ecology & Welfare, to which was referred Bill No. 226 AN ACT TO AMEND SECTION 3 OF P.L. 20-184 RELATIVE TO RADON TESTING IN PUBLIC BUILDINGS, herein reports back and recommends that **Bill 226 be Passed.**

Votes of committee members are as follows:

<u>11</u>	To Pass
<u>0</u>	Not To Pass
<u>0</u>	To The Inactive File
<u>0</u>	Abstained
<u>0</u>	Off-Island
<u>0</u>	Not Available

Sincerely,

Dr. David L.G. Shimizu

attachments



VOTE SHEET

Committee on Health, Ecology & Welfare
 Bill No. 226

AN ACT TO AMEND SECTION 3 OF P.L. 20-184 RELATIVE
 TO RADON TESTING IN PUBLIC BUILDINGS.

SENATOR	TO PASS	NOT TO PASS	ABSTAIN	INACTIVE FILE
Shimizu, David L.G. <i>Shimizu</i>	✓			
Aguon, J.P. <i>J.P. Aguon</i>	✓			
Arriola, Elizabeth P. <i>E. Arriola</i>				
Brooks, Doris E. <i>D. Brooks</i>	✓			
Blaiz, Anthony <i>Anthony Blaiz</i>	✓			
Dierking, Herminia <i>H. Dierking</i>	✓			
Duenas, Edward R. <i>E. Duenas</i>	✓			
Gutierrez, Carl T.C. <i>C. Gutierrez</i>	✓			
Maijoux, Gordon <i>G. Maijoux</i>	✓			
Manibusan, Marilyn D.A. <i>Marilyn Manibusan</i>	✓			
Reidy, Michael <i>Michael Reidy</i>	✓			

4/30/91
MDM

4/30/91
MR

Further, Mr. Castro noted that since radon testing is a new activity for which his agency is not equipped. He therefore emphasized the need for personnel, training and organizational set-up. He requested that PL 20-184 be amended to provide the funding to hire and train the additional staff needed to take on the radon responsibility.

Mr. Jess Lizama's testimony outlined the work the PWC is doing with regards radon testing and mitigation. He reported that the Navy established the Navy Radon Assessment and Mitigation Program (NAVRAMP) and under this program, a sampling strategy was developed to screen all types of housing, hospitals, schools and child care centers for elevated radon levels. He further reported that their testing showed that elevated radon levels were concentrated at NAVCAMS South Finegayan and that mitigation by pressurization on five homes were done there.

At the question and answer period, Senator Manibusan, the bill's author, expressed disappointment with GEPA on their testimony. She suggested that perhaps

COMMITTEE ON HEALTH, ECOLOGY, & WELFARE
COMMITTEE REPORT

Bill 226: AN ACT TO AMEND SECTION 3 OF PL 20-184 RELATIVE TO RADON TESTING IN PUBLIC BUILDINGS.

Background

Bill No. 226 was introduced by Senator Manibusan to amend PL 20-184 which established a task force to conduct a study to determine the extent of radon contamination in the school buildings on Guam and to determine the necessary measures to reduce radon exposure. Bill 226 would require EPA to test public buildings in addition to school buildings as mandated by PL 20-184.

Public Hearing and Testimony

The committee conducted a public hearing on the bill April 22, 1991 at 9:00 A.M. in the public hearing room. The committee chairman Senator David L.G. Shimizu chaired the hearing with the following senators present;

Arriola, Elizabeth P.
Brooks, Doris F.
Blaz, Anthony
Dierking, Herminia
Duenas, Edward R.
Gutierrez, Carl T.C.
Mailloux, Gordon
Manibusan, Marilyn D.A.
Reidy, Michael

TWENTY-FIRST GUAM LEGISLATURE
1991 (FIRST) REGULAR SESSION

Introduced

APR 03 '91

BILL NO. 226 (COR)

INTRODUCED BY:

M.D.A. MANIBUSAN *msm*

AN ACT TO AMEND SECTION 3 OF P.L. 20-184 RELATIVE TO
RADON TESTING IN PUBLIC BUILDINGS.

1 BE IT ENACTED BY THE PEOPLE OF THE TERRITORY OF GUAM:

2 Section 1. Section 3 of Public Law 20-184 is amended as
3 follows:

4 "Section 3. Not later than [~~six~~] nine months after the date
5 of enactment of this statute, the "Task Force" shall establish
6 a program to test sample the Guam Schools and Public Buildings.
7 The testing shall be completed not later than one year after the
8 date of this enactment."



DEPARTMENT OF PUBLIC HEALTH AND SOCIAL SERVICES
 GOVERNMENT OF GUAM
 P.O. BOX 2816
 AGANA, GUAM 96910



Handwritten scribbles and markings, possibly a date or initials.

APR 22 1991

Dr. David L.G. Shimizu
 Senator
 Chairman, Committee on Health
 Ecology & Welfare
 Twenty-First Guam Legislature
 155 Hesler St.
 Agana, Guam

Dear Senator Shimizu:

Thank you for providing us an opportunity for commenting on Bill No. 226. Our department is in support of the concept of this bill to include public buildings as sampling sites for radon.

We defer to Guam Environmental Protection Agency for any comments regarding the logistics of extending the sample programs to public buildings and the required resources for the same.

Thank you once again for providing us the opportunity to comment on the bill.

Sincerely,

Handwritten signature of Peter Alexis Ada
 PETER ALEXIS ADA
 Acting Director

cc: Guam Environmental Protection Agency
 Governor's Legislative Review Committee





GUAM ENVIRONMENTAL PROTECTION AGENCY

AHENSIAN PRUTEKSION LINA'LA GUAHAN

D-107 Harmon Plaza, 130 Rojas St., Harmon, Guam 96911 Tel. No. 646-8863/5 FAX: 646-9402

APR 22 1991

Honorable David L.G. Shimizu, PhD
Chairman
Committee on Health, Ecology and Welfare
Twenty-First Guam Legislature
324 West Soledad Avenue
Suite 202
Agana, Guam 96910

Dear Senator Shimizu:

Thank you for your letter dated March 20, 1991 regarding the Public Hearing on Bill No. 226, An Act to Amend Section 3 of Public Law 20-184 Relative to Radon Testing in Schools and Public Buildings on Guam.

Testimony on Bill 226 and Public Law 20-184

Bill 226

Guam E.P.A. is in favor of the amending Public Law 20-184 to allow more time for this Agency to undertake the activities mandated in Public Law 20-184. However, due to the newness of radon testing on island, this Agency is requesting additional time to conduct radon screening measurements for all schools on Guam. Requiring the radon screening measurement to be completed within one year of the enactment of Public Law 20-184 will not be sufficient. Because this Agency has developed a "Scope of Work" for the radon screening measurement for schools and residential homes on Guam, this Agency requests that the proposed amendment be changed to coincide with the Scope of Work. Radon screening measurement for public buildings will be address at a later date. The following are reasons for requiring more time for the radon screening measurement:

1. This Agency has never conducted a radon screening measurement on Guam.
2. There are no radon data available on Guam. Therefore, there are no basic information about radon that this Agency can use in order to develop a realistic and methodical approach to the radon problem on Guam (i.e. where high, medium and low readings are occurring, etc.).
3. The Air Pollution Control Program staff of two (2) have no experience or training in radon prior to the Radon Grant award and the signing of Public Law 20-184.

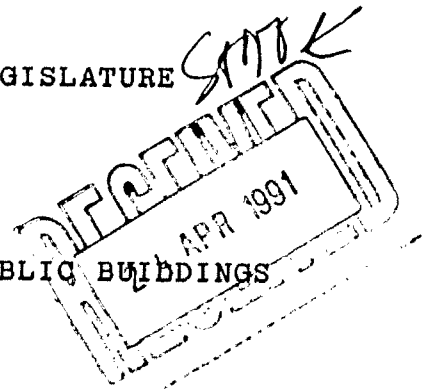


PWC GUAM TESTIMONY AT THE GUAM LEGISLATURE

ON

BILL No. 226

CONCERNING RADON TESTING ON GOVGUAM PUBLIC BUILDINGS



Good Morning Senators:

My name is Jess Lizama. I am the Environmental Officer at the Navy Public Works Center. I am here to share with you the information we have concerning radon testing and mitigation.

Radon is a naturally occurring radioactive gas that is produced from decaying uranium. Radon is found mainly in soils and rocks containing uranium. Outdoors, radon is diluted to such low concentration that it rarely poses a health threat. However, inside an enclosed space (such as a home or office building), radon can accumulate to very high levels.

Due to health concern of radon contamination, the Navy established the Navy Radon Assessment and Mitigation Program (NAVRAMP). Under this program, a sampling strategy was developed to screen all types of housing hospitals, schools and child care centers for elevated radon levels.

PWC Guam followed the NAVRAMP in implementing radon mitigation. The three phases involved in radon mitigation are:

1. SCREENING - initial testing of Navy housing units located in the following housing areas were conducted:

Sumay	Nimitz Flag Circle
Lockwood	Naval Hospital
North/South Tupalao	Naval Air Station
New Apra Housing	NAVCAMS Barrigada
Naval Magazine	FAA
Apra Heights	NAVCAMS Finegayan
Nimitz Hill	South Finegayan
2. ASSESSMENT - during the screening process, radon detected above the established safe limits (4 pci/L), was then subjected to confirmation testing.
3. MITIGATION - housing units found to have elevated radon concentration was mitigated following the priority scheme recommended by EPA:

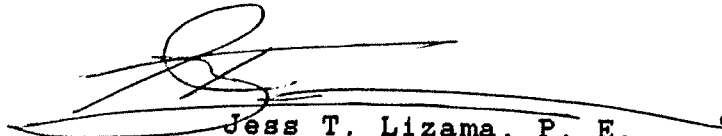
Radon Level (pci/L)	Action
0 to 4	No action required
4 to 20	Schedule mitigation within 5 years.
20 to 200	Schedule mitigation within 6 months.
More than 200	Schedule mitigation within 3 weeks.

Mitigation may consist of ventillation, sealing cracks in floors or walls, pressurization by outside air or sub-slab suction.

Our radon testing showed that elevated radon levels were concentrated at NAVCAMS South Finegayan. The number of homes at NAVCAMS South Finegayan and the corresponding radon levels were as follows:

Radon level (pci/L)	Number of Housing Units
0 to 4	1
4 to 20	40
20 to 200	68
More than 200	1

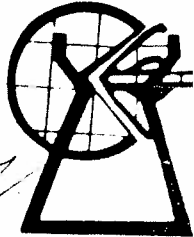
Radon mitigation by pressurization was done on five homes at NAVCAMS South Finegayan.



Jess T. Lizama, P. E.
Environmental Officer
U.S. Navy Public Works Center, Guam



BUREAU OF BUDGET & MANAGEMENT RESEARCH
OFFICE OF THE GOVERNOR, Post Office Box 2950, Agana, Guam 96910



Barbores

GIOVANNI T. SGAMBELLURI
DIRECTOR

APR 04 1991

Senator David L.G. Shimizu
Committee on Human Services &
Higher Education
Twenty-First Guam Legislature
Post Office Box CB-1
Agana, Guam 96910

Dear Senator Shimizu:

Pursuant to Section 1903 of Chapter X of the Government Code of Guam,
transmitted herewith is a waiver on Bill No. 226.

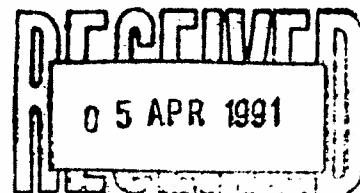
Should I be of any assistance, please contact my office.

Sincerely,

GIOVANNI T. SGAMBELLURI
Acting

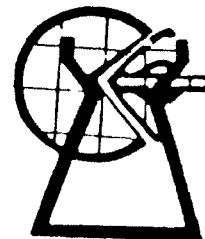
Enclosures

cc: Sen. Carl T.C. Gutierrez
Chairperson, Committee on
Ways and Means





BUREAU OF BUDGET & MANAGEMENT RESEARCH
OFFICE OF THE GOVERNOR, Post Office Box 2950, Agaña, Guam 96910



GIOVANNI T. SGAMBELLURI

Director

APR 02 1991

The Bureau requests that Bill Nos. 226 be granted a waiver pursuant to Public Law 12-229 for the following reason(s).

Bill No. 226 is an Act to amend Section 3 of P.L. 20-184 Relative to Radon Testing in Public Buildings and Guam Schools.

The intent of the proposed legislation is administrative in nature and does not entail a fiscal impact on the General Fund.


GIOVANNI T. SGAMBELLURI
Acting

TWENTY-FIRST GUAM LEGISLATURE
1991 (FIRST) REGULAR SESSION

Introduced

APR 03 '91

BILL NO. 226 (cor)

INTRODUCED BY:

M.D.A. MANIBUSAN *mdm*

AN ACT TO AMEND SECTION 3 OF P.L. 20-184 RELATIVE TO
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