

## Documents annexés

### *Présentation de la législation américaine*

- Liste des pathologies retenues
- Diseases Related to Ionizing Radiation Exposure
- Compensations Marshall Islands 1993
- Bilan des Compensations au 10 mars 2011 (Etats-Unis seulement)

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#### Note

La législation américaine dispose d'une liste de pathologies radio induites en deux parties :

- une liste révisable de pathologies pour lesquelles la présomption d'origine est appliquée (« presumptive diseases »)
- une liste additionnelle de pathologies pour lesquelles l'examen au cas par cas est requis (« other diseases associated with radiation exposure »)

Concernant les Iles Marshall, on constate que toutes les pathologies thyroïdiennes (cancéreuses ou non) sont prises en charge. L'attribution des compensations est décidée par le « Marshall Islands Nuclear Claims Tribunal » sur des fonds alimentés par le Congrès américain.

Aux Etats-Unis, 80 % des demandes de compensation émanant des populations des zones géographiques concernées sont approuvées et seulement 47,9 % des demandes émanant des vétérans (militaires). C'est le ministère de la Justice qui traite les dossiers de demande d'indemnisation.

**Législation américaine**  
*Department of Veterans Affairs (Atomic veterans)*  
*(www.publichealth.va.gov/exposures/radiation/diseases.asp)*

**Présomption d'origine avec une exposition aux radiations (sans obligation de preuve)**

- 1 – Sclérose latérale amyotrophique (maladie de Charcot)
- 2 – Cancer des voies biliaires
- 3 – Cancer des os
- 4 – Cancer du cerveau
- 5 – Cancer du sein
- 6 – Cancer du colon
- 7 – Cancer de l'œsophage
- 8 – Cancer de la vésicule biliaire
- 9 – Cancer primitif du foie (sauf si cirrhose ou hépatite B)
- 10 – Cancer du poumon
- 11 – Cancer broncho-alvéolaire
- 12 – Cancer du pancréas
- 13 – Cancer du pharynx
- 14 – Cancer de l'ovaire
- 15 – Cancer des glandes salivaires
- 16 – Cancer de l'intestin grêle
- 17 – Cancer de l'estomac
- 18 – Cancer de la thyroïde
- 19 – Cancer du rein
- 20 – Cancer du bassin urinaire
- 21 – Cancer de la vessie
- 22 – Cancer de l'urètre
- 23 – Leucémie (excepté leucémie lymphatique chronique)
- 24 – Lymphomes (sauf maladie de Hodgkin)
- 25 – Myélome multiple

**Autres maladies liées aux exposition aux radiations (admisses au cas par cas)**

- 26 – Tous cancers
- 27 – Nodule thyroïdien non-malin
- 28 – Tumeur parathyroïdienne
- 29 – Cataracte sous capsulaire
- 30 – Tumeur du cerveau et du système nerveux central

*Autres maladies liées aux expositions aux radiations : VHA Handbook 1301.01 (2006)*

- 31 – Cancer de la trachée
- 32 – Cancer des bronches
- 33 – Cancer de la peau
- 34 – Cancer du rectum
- 35 – Cancer de la prostate

*Cancer de la liste Morin non cités dans la législation américaine*

Cancer de l'utérus.

*Note : les maladies soulignées dans celles de la législation américaine correspondent à des maladies de la liste du décret de la loi Morin (11 juin 2010)*

UNITED STATES  
DEPARTMENT OF VETERANS AFFAIRS



PUBLIC HEALTH

**Radiation: Diseases Related to Ionizing Radiation Exposure**

Veterans may be eligible for disability compensation and health care benefits for any disease that VA recognizes as related to radiation exposure during military service. Surviving spouses, dependent children and dependent parents of Veterans who died as the result of diseases related to radiation exposure during military service may be eligible for survivors' benefits.

- [Presumptive Diseases Related to Ionizing Radiation Exposure](#)
- [Other Diseases Related to Radiation Exposure](#)

Also, VA presumes amyotrophic lateral sclerosis (ALS) diagnosed in all Veterans with 90 days or more continuous active military service is related to their service.

**Presumptive Diseases Related to Ionizing Radiation Exposure**

VA has recognized, or presumed, certain cancers as related to ionizing radiation exposure during military service. These are called "presumptive diseases."

Cancers of the bile ducts, bone, brain, breast, colon, esophagus, gall bladder, liver (primary site, but not if cirrhosis or hepatitis B is indicated), lung (including bronchioalveolar cancer), pancreas, pharynx, ovary, salivary gland, small intestine, stomach, thyroid, urinary tract (kidney/renal, pelvis, urinary bladder, and urethra), leukemia (except chronic lymphocytic leukemia), lymphomas (except Hodgkin's disease), and multiple myeloma (cancer of plasma cells).

If a Veteran who participated in a radiation-risk activity (including "Atomic Veterans") develops one of these diseases, VA presumes the disease is related to ionizing radiation exposure during service. These Veterans do not have to prove a connection between these diseases and their military service to be eligible to receive disability compensation.

Surviving spouses, dependent children and dependent parents of Veterans who participated in a radiation-risk activity and died as the result of one of the diseases listed above may be eligible for survivors' benefits.

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**Other Diseases Associated with Radiation Exposure**

If a Veteran who was exposed to radiation during military service (including "Atomic Veterans") develops one of the diseases listed below and meets other requirements, disability compensation may be provided, on a case-by-case basis, according to VA regulations.

Surviving spouses, dependent children and dependent parents of Veterans who were exposed to radiation during military service and died as the result of one of the diseases listed below may be eligible for survivors' benefits.

Eligibility depends on how much radiation the Veteran received and other factors, such as the period of time between exposure to radiation and the development of the disease. For these Veterans, VA recognizes that the following diseases are possibly caused by radiation:

- All cancers
- Non-malignant thyroid nodular disease
- Parathyroid adenoma
- Posterior subcapsular cataracts
- Tumors of the brain and central nervous system

For Atomic Veterans, VA asks the Department of Defense's Defense Threat Reduction Agency\* to document status as an Atomic Veteran and provide the actual or estimated radiation dose received by a Veteran.

Note: VA also will consider the possibility that other diseases not listed above were caused by radiation, if supported by medical or scientific evidence. To be eligible for disability compensation, VA must be able to establish that it is at least as likely as not that a Veteran's disease was caused by his/her exposure to radiation during military service.

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Appendix I  
Trust Fund Disbursements Were Made

Marshall Islands

Table I.1: Medical Conditions Presumed to Result From Exposure to Nuclear Radiation and Amount of Compensation

1993

Medical conditions	Compensation
1. Leukemia (other than chronic lymphocytic leukemia)	\$125,000
2. Cancer of the thyroid	
a. Recurrent or requires multiple surgical and/or ablation	75,000
b. Nonrecurrent or does not require multiple treatment	50,000
3. Cancer of the breast	
a. Recurrent or requires mastectomy	100,000
b. Not recurrent or requires lumpectomy	75,000
4. Cancer of the pharynx	100,000
5. Cancer of the esophagus	125,000
6. Cancer of the stomach	125,000
7. Cancer of the small intestine	125,000
8. Cancer of the pancreas	125,000
9. Multiple myeloma	125,000
10. Lymphomas (except Hodgkin's disease)	100,000
11. Cancer of the bile ducts	125,000
12. Cancer of the gall bladder	125,000
13. Cancer of the liver (except if cirrhosis or hepatitis B is indicated)	125,000
14. Cancer of the colon (but not cancer of the rectum)	75,000
15. Cancer of the urinary bladder	75,000
16. Tumors of the salivary gland	
a. Malignant	50,000
b. Benign and requiring surgery	37,500
c. Benign and not requiring surgery	12,500
17. Nonmalignant thyroid nodular disease (unless limited to occult nodules)	
a. Requiring total thyroidectomy	50,000
b. Requiring partial thyroidectomy	37,500
c. Not requiring thyroidectomy	12,500
18. Cancer of the ovary	125,000
19. Unexplained hypothyroidism (unless thyroiditis indicated)	37,500
20. Severe growth retardation due to thyroid damage	100,000
21. Unexplained bone marrow failure	125,000
22. Meningioma	100,000
23. Radiation sickness diagnosed between June 30, 1946, and August 18, 1958, inclusive	12,500
24. Beta burns diagnosed between June 30, 1946, and August 18, 1958, inclusive	12,500
25. Severe mental retardation (provided born between May and September 1954, inclusive, and mother was present on Rongelap or Utrik Atolls at any time in March 1954)	100,000

Radiation Exposure Compensation System  
Claims to Date Summary of Claims Received by 10/03/2011  
All Claims

Claim Type Desc	Pending	Approved	% Approved/of Disposed	\$ Approved	Denied	Total
Downwinder	227	15,629	80.7	\$701,420,000	3,886	19,742
Onsite Participant	61	1,631	47.9	\$117,040,329	1,771	3,463
Uranium Miner	106	5,565	62.7	\$555,774,590	3,316	8,666
Uranium Miller	37	1,414	77.1	\$141,400,000	421	1,872
Ore Transporter	8	293	71.5	\$29,300,000	117	418
<b>Total:</b>	<b>438</b>	<b>24,532</b>	<b>72.1</b>	<b>\$1,624,934,899</b>	<b>9,611</b>	<b>34,481</b>

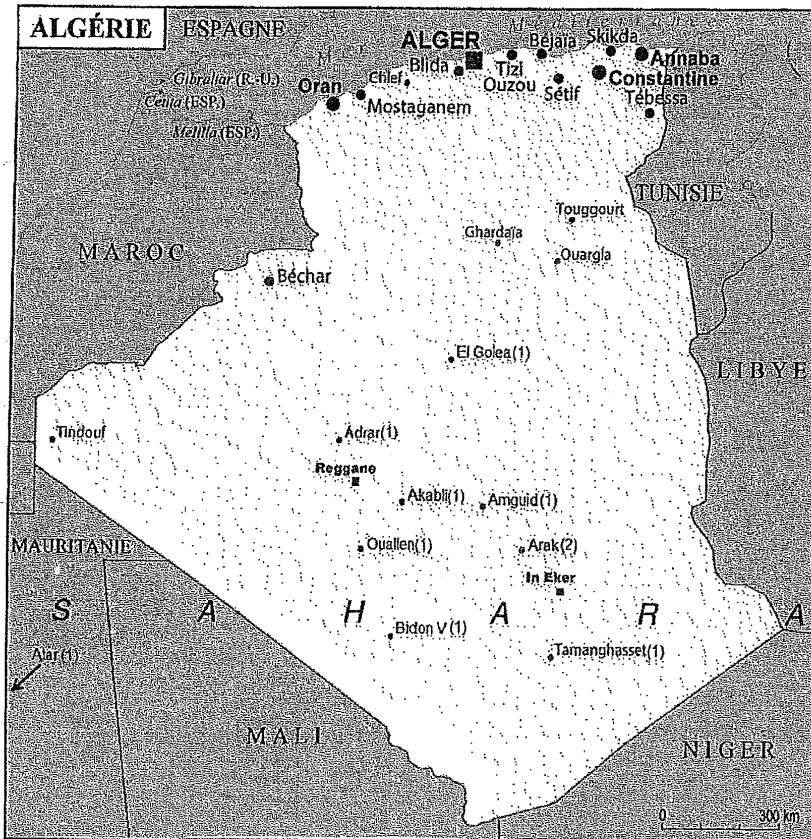
## Documents annexés

### *Les zones géographiques*

- 4. Les départements sahariens (1962-1974)
- Les retombées consécutives aux essais aériens de Reggane-Hamoudia
- Les populations et zones contaminées par les essais souterrains
- Les retombées des essais aériens sur la Polynésie française
- Essais aériens et contamination des produits alimentaires



Retombées des essais aériens de Reggane-Hamoudia (1960-1961)



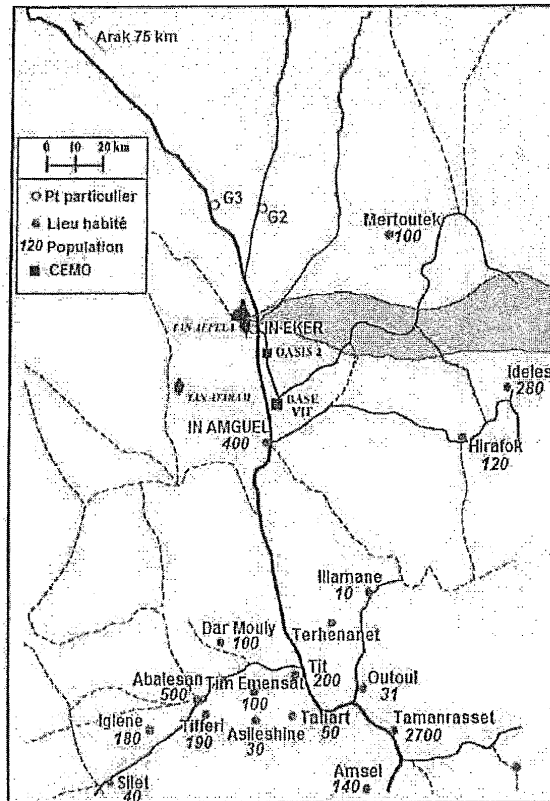
Des retombées des essais aériens de Reggane-Hamoudia ont été également mesurées à Fort Lamy (2400 km), Ouagadougou (1700 km), Abidjan (2600 km), Khartoum (3200 km), Dakar (2400 km), Bamako (1900 km), Atar (1700 km).

Les chiffres de la carte ( ) Indiquent le nombre de retombées mesurées.

Source : Rapport de l'Office parlementaire d'évaluation des choix scientifiques et technologiques de MM Bataille et Revol, AN n°3571 du 5 février 2002 (p. 26).



**Zones géographiques (Sahara)**  
**Les populations et les zones contaminées par les essais souterrains du Sahara**  
**(1961-1966)**



Reconstitution de la carte du document du Ministère de la défense  
*(« Dossier de Présentation des essais nucléaires et leur suivi au Sahara », 2007)*

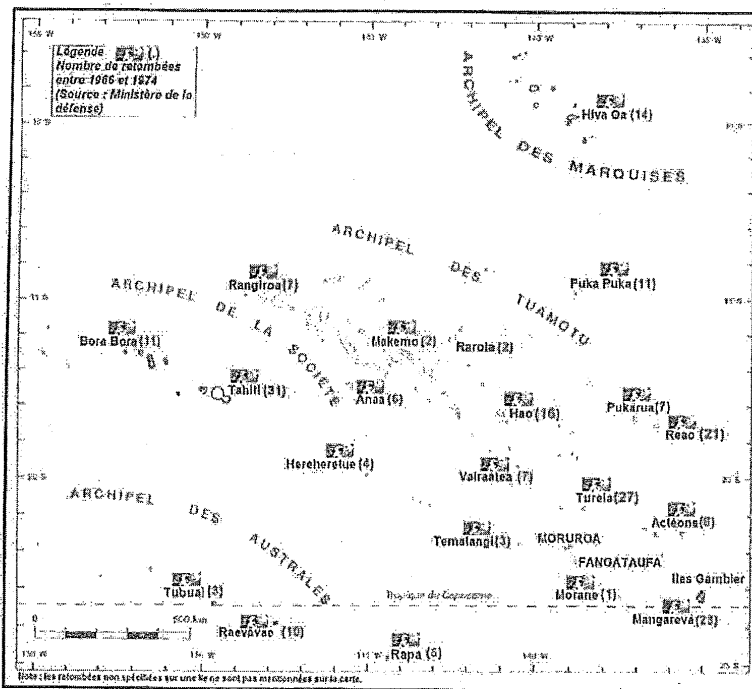
La zone orangée délimite les retombées confondues du tir Béryll (1<sup>er</sup> mai 1962) et du tir Améthyste (30 mars 1963). Le rapport « La genèse de l'organisation et les expérimentations au Sahara (CSEM et CEMO) » (Document Confidentiel défense publié en 2010) indique que 12 essais souterrains sur 13 ont provoqué des fuites radioactives.

**Population**

La carte officielle note la présence de populations nomades à l'Est d'In Eker, dans un rayon de 200 km centré sur le Tan Affela ; les noms des tribus sont illisibles et les chiffres indiqués font apparaître une population nomade totale sur cette région de 2730 personnes. Le total des populations sédentaires indiquées sur la carte officielle dans un rayon de 200 km s'élève à 5071 personnes.

**Loi d'indemnisation des victimes des essais nucléaires français  
Zones géographiques (Polynésie française)**

Tous les archipels polynésiens ont été concernés par les retombées radioactives des essais aériens entre 1966 et 1974.



Carte des retombées des essais aériens établie à partir des informations de l'ouvrage « La dimension radiologique des essais nucléaires français en Polynésie » (ministère de la défense, 2006) p. 361 à 449