## Department of Justice

this section, the attorney is encouraged to consult with a supervisor or Professional Responsibility Officer to determine the best course of conduct.
(d) Rules that impose an irreconcilable conflict. If, after consideration of traditional choice-of-law principles, the attorney concludes that multiple rules may apply to particular conduct and that such rules impose irreconcilable obligations on the attorney, the attorney should consult with a supervisor or Professional Responsibility Officer to determine the best course of conduct.
(e) Supervisory attorneys. Each attorney, including supervisory attorneys, must assess his or her ethical obligations with respect to particular conduct. Department attorneys shall not direct any attorney to engage in conduct that violates section 530B. A supervisor or other Department attorney who, in good faith, gives advice or guidance to another Department attorney about the other attorney's ethical obligations should not be deemed to violate these rules.
(f) Investigative Agents. A Department attorney shall not direct an investigative agent acting under the attorney's supervision to engage in conduct under circumstances that would violate the attorney's obligations under section 530B. A Department attorney who in good faith provides legal advice or guidance upon request to an investigative agent should not be deemed to violate these rules.

## § 77.5 No private remedies.

The principles set forth herein, and internal office procedures adopted pursuant hereto, are intended solely for the guidance of attorneys for the government. They are not intended to, do not, and may not be relied upon to create a right or benefit, substantive or procedural, enforceable at law by a party to litigation with the United States, including criminal defendants, targets or subjects of criminal investigations, witnesses in criminal or civil cases (including civil law enforcement proceedings), or plaintiffs or defendants in civil investigations or litigation; or any other person, whether or not a party to litigation with the United States, or their counsel; and shall not be a basis for dismissing
criminal or civil charges or proceedings or for excluding relevant evidence in any judicial or administrative proceeding. Nor are any limitations placed on otherwise lawful litigative prerogatives of the Department of Justice as a result of this part.

## PART 79-CLAIMS UNDER THE RADIATION EXPOSURE COMPENSATION ACT

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Authority: Secs. 6(a), 6(i) and 6(j), Pub. L. 101-426, 104 Stat. 920, as amended by secs. 3(c)-(h), Pub. L. 106-245, 114 Stat. 501 and sec. 11007, Pub. L. 107-273, 116 Stat. 1758 (42 U.S.C. 2210 note; 5 U.S.C. 500(b)).

Source: Order No. 2711-2004, 69 FR 13634, Mar. 23, 2004, unless otherwise noted.

## Subpart A-General

## § 79.1 Purpose.

The purpose of the regulations in this part is to implement the Radiation Exposure Compensation Act ("Act"), as amended by the Radiation Exposure Compensation Act Amendments of 2000 ('2000 Amendments')) and by the 21st Century Department of Justice Appropriations Authorization Act ('Appropriations Authorization Act''). The Act authorizes the Attorney General of the United States to establish procedures for making certain payments to qualifying individuals who contracted one of the diseases listed in the Act. The amount of each payment and a general statement of the qualifications are indicated in §79.3(a). The procedures established in this part are designed to utilize existing records so that claims can be resolved in a reliable, objective, and non-adversarial manner, quickly and with little administrative cost to the United States or to the person filing the claim.

## §79.2 General definitions.

(a) Act means the Radiation Exposure Compensation Act, Public Law 101-426, as amended by sections 3139 and 3140 of Public Law 101-510, the Radiation Exposure Compensation Act Amendments of 2000, Public Law 106-245 (see 42 U.S.C. 2210 note), and the 21st Century Department of Justice Appropriations Authorization Act, Public Law 107-273.
(b) Child means a recognized natural child of the claimant, a stepchild who lived with the claimant in a regular
parent-child relationship, or an adopted child of the claimant.
(c) Claim means a petition for compensation under the Act filed with the Radiation Exposure Compensation Program by a claimant or by his or her eligible surviving beneficiary or beneficiaries.
(d) Claimant means the individual, living or deceased, who is alleged to satisfy the criteria for compensation set forth either in section 4 or in section 5 of the Act.
(e) Contemporaneous record means any document created at or around the time of the event that is recorded in the document.
(f) Eligible surviving beneficiary means a spouse, child, parent, grandchild or grandparent who is entitled under section 6(c)(4)(A) or (B) of the Act to file a claim or receive a payment on behalf of a deceased claimant.
(g) Grandchild means a child of a child of the claimant.
(h) Grandparent means a parent of a parent of the claimant.
(i) Immediate family member of a person means a spouse or child if the person is an adult; but if the person is a minor, immediate family member means a parent.
(j) Indian Tribe means any Indian Tribe, band, nation, pueblo, or other organized group or community that is recognized as eligible for special programs and services provided by the United States to Indian Tribes.
(k) Medical document, documentation, or record means any contemporaneous record of any physician, hospital, clinic, or other certified or licensed health care provider, or any other records routinely and reasonably relied on by physicians in making a diagnosis.
(1) Onset or incidence of a specified compensable disease means the date a physician first diagnosed the disease.
(m) Parent means the natural or adoptive father or mother of the claimant.
(n) Program or Radiation Exposure Compensation Program means the component of the Constitutional and Specialized Torts Litigation Section of the Torts Branch of the Civil Division of the United States Department of Justice designated by the Attorney General to execute the powers, duties, and
responsibilities assigned to the Attorney General pursuant to pertinent provisions of the Act.
(o) Spouse means a wife or husband who was married to the claimant for a period of at least one (1) year immediately before the death of the claimant.
(p) Tribal organization means any formally organized group or other entity that is chartered, registered or sponsored by an Indian Tribe to perform duties for an Indian Tribe and is accountable for its actions to the tribal government.
(q) Trust Fund or Fund means the Radiation Exposure Compensation Trust Fund in the Department of the Treasury, administered by the Secretary of the Treasury pursuant to section 3 of the Act.

## §79.3 Compensable claim categories under the Act.

(a) In order to receive a compensation payment, each claimant or eligible surviving beneficiary must establish that the claimant meets each and every criterion of eligibility for at least one of the following compensable categories designated in the Act:
(1) Claims of leukemia. (i) For persons exposed to fallout from the atmospheric detonation of nuclear devices at the Nevada Test Site due to their physical presence in an affected area during a designated time period, the amount of compensation is $\$ 50,000$.
(ii) For persons exposed to fallout from the atmospheric detonation of nuclear devices due to their participation onsite in a test involving the atmospheric detonation of a nuclear device, the amount of compensation is $\$ 75,000$. The regulations governing these claims are set forth in subpart B of this part.
(2) Claims related to the Nevada Test Site fallout. For persons who contracted certain specified diseases after being exposed to fallout from the atmospheric detonation of nuclear devices at the Nevada Test Site due to their physical presence in an affected area during a designated time period, the amount of compensation is $\$ 50,000$. The regulations governing these claims are set forth in subpart C of this part.
(3) Claims of onsite participants. For persons who contracted certain specified diseases after onsite participation in the atmospheric detonation of a nuclear device, the amount of compensation is $\$ 75,000$. The regulations governing these claims are set forth in subpart D of this part.
(4) Miners' claims. For persons who contracted lung cancer or certain nonmalignant respiratory diseases after being employed in uranium mines located in specified states during the designated time period who were exposed to a specified minimum level of radiation during the course of their employment or worked for at least one year (12 consecutive or cumulative months) in a uranium mine in specified states during the designated time period, the amount of compensation is $\$ 100,000$. The regulations governing these claims are set forth in subpart E of this part.
(5) Millers' claims. For persons who contracted lung cancer, certain nonmalignant respiratory diseases, renal cancer, or chronic renal disease (including nephritis and kidney tubal tissue injury) following employment for at least one year ( 12 consecutive or cumulative months) in a uranium mill in specified states during the designated time period, the amount of compensation is $\$ 100,000$. The regulations governing these claims are set forth in subpart F of this part.
(6) Ore transporters' claims. For persons who contracted lung cancer, certain nonmalignant respiratory diseases, renal cancer, or chronic renal disease (including nephritis and kidney tubal tissue injury) following employment for at least one year (12 consecutive or cumulative months) as a transporter of uranium ore or vanadiumuranium ore from a uranium mine or uranium mill located in specified states during the designated time period, the amount of compensation is $\$ 100,000$. The regulations governing these claims are set forth in subpart G of this part.
(b) Any claim that does not meet all the criteria for at least one of these categories, as set forth in paragraph (a) of this section, must be denied.
(c) All claims for compensation under the Act must comply with the claims
procedures and requirements set forth in subpart H of this part before any payment can be made from the Fund.

## § 79.4 Determination of claims and affidavits.

(a) The claimant, eligible surviving beneficiary, or beneficiaries bear the burden of providing evidence of the existence of each element necessary to establish eligibility under any compensable claim category set forth in §79.3(a).
(b) In the event that reasonable doubt exists with regard to whether a claim meets the requirements of the Act, that doubt shall be resolved in favor of the claimant or eligible surviving beneficiary.
(c) Written affidavits or declarations, subject to penalty for perjury, will be accepted only for the following purposes:
(1) To establish eligibility of family members as set forth in §79.71(e), (f), (g), (h), or (i);
(2) To establish other compensation received as set forth in §79.75(c) or (d);
(3) To establish employment in a uranium mine, mill or as an ore transporter on the standard claim form in the manner set forth in $\S \S 79.43(d)$, 79.53(d) and 79.63(d), respectively; and
(4) To substantiate the claimant's uranium mining employment history for purposes of determining working level months of radiation exposure by providing the types of information set forth in $\S 79.43(\mathrm{~d})$, so long as the affidavit or declaration:
(i) Is provided in addition to any other material that may be used to substantiate the claimant's employment history as set forth in §79.43;
(ii) Is made subject to penalty for perjury;
(iii) Attests to the employment history of the claimant; and
(iv) Is made by a person other than the individual filing the claim.

## § 79.5 Requirements for medical documentation, contemporaneous records, and other records or documents.

(a) All medical documentation, contemporaneous records, and other records or documents submitted by a claimant or eligible surviving beneficiary to prove any criterion provided
for in this part must be originals, or certified copies of the originals, unless it is impossible to obtain an original or certified copy of the original. If it is impossible for a claimant to provide an original or certified copy of an original, the claimant or eligible surviving beneficiary must provide a written statement with the uncertified copy setting forth the reason why it is impossible to provide an original or a certified copy of an original.
(b) All documents submitted by a claimant or eligible surviving beneficiary must bear sufficient indicia of authenticity or a sufficient guarantee of trustworthiness. The Program shall not accept as proof of any criterion of eligibility any document that does not bear sufficient indicia of authenticity, or is in such a physical condition, or contains such information, that otherwise indicates the record or document is not reliable or trustworthy. When a record or document is not accepted by the Program under this section, the claimant or eligible surviving beneficiary shall be notified and afforded the opportunity to submit additional documentation in accordance with §79.72(b) or (c).
(c) To establish eligibility the claimant or eligible surviving beneficiary may be required to provide additional records to the extent they exist. Nothing in this section shall be construed to limit the Assistant Director's (specified in §79.70(a)) ability to require additional documentation.

## Subpart B—Eligibility Criteria for Claims Relating to Leukemia

## § 79.10 Scope of subpart.

The regulations in this subpart describe the criteria for eligibility for compensation under section 4(a)(1) of the Act and the evidence that will be accepted as proof of the various eligibility criteria. Section $4(\mathrm{a})(1)$ of the Act provides for a payment of $\$ 50,000$ to individuals exposed to fallout from the detonation of atmospheric nuclear devices at the Nevada Test Site due to their physical presence in an affected area during a designated time period and who later developed leukemia, and $\$ 75,000$ to individuals who participated onsite in a test involving the atmos-
pheric detonation of a nuclear device and who later developed leukemia.

## §79.11 Definitions.

(a) Affected area means one of the following geographical areas, as they were recognized by the state in which they are located, as of July 10, 2000:
(1) In the State of Utah, the counties of Beaver, Garfield, Iron, Kane, Millard, Piute, San Juan, Sevier, Washington, and Wayne;
(2) In the State of Nevada, the counties of Eureka, Lander, Lincoln, Nye, White Pine, and that portion of Clark County that consists of townships 13 through 16 at ranges 63 through 71;
(3) In the State of Arizona, the counties of Coconino, Yavapai, Navajo, Apache, Gila, and that part of Arizona that is north of the Grand Canyon.
(b) Atmospheric detonation of a nuclear device means only a test conducted by the United States prior to January 1, 1963, as listed in §79.31(d).
(c) Designated time period means the period beginning on January 21, 1951, and ending on October 31, 1958, or the period beginning on June 30, 1962, and ending on July 31, 1962, whichever is applicable.
(d) First exposure or initial exposure means the date on which the claimant was first physically present in the affected area during the designated time period, or the date on which the claimant first participated onsite in an atmospheric detonation of a nuclear device, whichever is applicable.
(e) Leukemia means any medically recognized form of acute or chronic leukemia other than chronic lymphocytic leukemia.
(f) Onsite means physical presence above or within the official boundaries of any of the following locations:
(1) The Nevada Test Site (NTS), Nevada;
(2) The Pacific Test Sites (Bikini Atoll, Enewetak Atoll, Johnston Island, Christmas Island, the test site for the shot during Operation Wigwam, the test site for Shot Yucca during Operation Hardtack I, and the test sites for Shot Frigate Bird and Shot Swordfish during Operation Dominic I) and the official zone around each site from which non-test affiliated ships were excluded for security and safety purposes;
(3) The Trinity Test Site (TTS), New Mexico;
(4) The South Atlantic Test Site for Operation Argus and the official zone around the site from which non-test affiliated ships were excluded for security and safety purposes;
(5) Any designated location within a Naval Shipyard, Air Force Base, or other official government installation where ships, aircraft, or other equipment used in an atmospheric nuclear detonation were decontaminated; or
(6) Any designated location used for the purpose of monitoring fallout from an atmospheric nuclear test conducted at the Nevada Test Site.
(g) Participant means an individual-
(1) Who was:
(i) A member of the armed forces;
(ii) A civilian employee or contract employee of the Manhattan Engineer District, the Armed Forces Special Weapons Project, the Defense Atomic Support Agency, the Defense Nuclear Agency, or the Department of Defense or its components or agencies or predecessor components or agencies;
(iii) An employee or contract employee of the Atomic Energy Commission, the Energy Research and Development Administration, or the Department of Energy;
(iv) A member of the Federal Civil Defense Administration or the Office of Civil and Defense Mobilization; or
(v) A member of the United States Public Health Service; and
(2) Who:
(i) Performed duties within the identified operational area around each atmospheric detonation of a nuclear device;
(ii) Participated in the decontamination of any ships, planes, or equipment used during the atmospheric detonation of a nuclear device;
(iii) Performed duties as a cloud tracker or cloud sampler;
(iv) Served as a member of the garrison or maintenance forces on the atoll of Enewetak between June 21, 1951, and July 1, 1952; between August 7, 1956, and August 7, 1957; or between November 1, 1958, and April 30, 1959; or
(v) Performed duties as a member of a mobile radiological safety team monitoring the pattern of fallout from an
atmospheric detonation of a nuclear device.
(h) Period of atmospheric nuclear testing means any of the periods associated with each test operation specified in $\S 79.31(\mathrm{~d})$, plus an additional six-month period thereafter.
(i) Physically present (or physical presence) means present (or presence) for a substantial period of each day.

## §79.12 Criteria for eligibility for

 claims relating to leukemia.To establish eligibility for compensation under this subpart, a claimant or eligible surviving beneficiary must establish each of the following:
(a)(1) That the claimant was physically present at any place within the affected area for a period of at least one year (12 consecutive or cumulative months) during the period beginning on January 21, 1951, and ending on October 31, 1958;
(2) That the claimant was physically present at any place within the affected area for the entire, continuous period beginning on June 30, 1962, and ending on July 31, 1962; or
(3) That the claimant was present onsite at any time during a period of atmospheric nuclear testing and was a participant during that period in the atmospheric detonation of a nuclear device;
(b) That after such period of physical presence or onsite participation the claimant contracted leukemia;
(c) That the claimant's initial exposure occurred prior to age 21 ; and
(d) That the onset of the leukemia occurred more than two years after the date of the claimant's first exposure to fallout.
§ 79.13 Proof of physical presence for the requisite period and proof of participation onsite during a period of atmospheric nuclear testing.
(a) Proof of physical presence may be made by the submission of any trustworthy contemporaneous record that, on its face or in conjunction with other such records, establishes that the claimant was present in the affected area for the requisite period during the designated time period. Examples of such records include:
(1) Records of the federal government (including verified information submitted for a security clearance), any tribal government, or any state, county, city or local governmental office, agency, department, board or other entity, or other public office or agency;
(2) Records of any accredited public or private educational institution;
(3) Records of any private utility licensed or otherwise approved by any governmental entity, including any such utility providing telephone services;
(4) Records of any public or private library;
(5) Records of any state or local historical society;
(6) Records of any religious organization;
(7) Records of any regularly conducted business activity or entity;
(8) Records of any recognized civic or fraternal association or organization; and
(9) Medical records created during the designated time period.
(b) Proof of physical presence by contemporaneous records may also be made by submission of original postcards and envelopes from letters (not copies) addressed to the claimant or an immediate family member during the designated time period that bear a postmark and a cancelled stamp(s).
(c) The Program will presume that an individual who resided or was employed on a full-time basis within the affected area was physically present during the time period of residence or full-time employment.
(d) For purposes of establishing eligibility under §79.12(a)(1), the Program will presume that proof of a claimant's residence at one or more addresses or proof of full-time employment at one location within the affected area on any two dates less than three years apart during the period beginning on January 21, 1951, and ending on October 31, 1958, establishes the claimant's presence within the affected area for the period between the two dates reflected in the documentation submitted as proof of presence.
(e) For purposes of establishing eligibility under §79.12(a)(1), the Program will presume that proof of residence at one or more addresses or proof of full-
time employment at one location within the affected area on two dates, one of which is before January 21, 1951, and another of which is within the specified time period, establishes the claimant's presence in the affected area between January 21, 1951, and the date within the specified time period, provided the dates are not more than three years apart.
(f) For purposes of establishing eligibility under §79.12(a)(1), the Program will presume that proof of residence at one or more addresses or proof of fulltime employment at one location within the affected area on two dates, one of which is after October 31, 1958, and another of which is within the specified time period, establishes the claimant's presence in the affected area between the date within the specified time period and October 31, 1958, provided the dates are not more than three years apart.
(g) For purposes of establishing eligibility under $\$ 79.12(\mathrm{a})(2)$, the Program will presume that proof of residence or proof of full-time employment within the affected area at least one day during the period beginning June 30, 1962, and ending July 31, 1962, and proof of residence or proof of full-time employment at the same address or location within six months before June 30, 1962, and six months after July 31, 1962, establishes the claimant's physical presence for the necessary one-month-and-one-day period.
(h) For purposes of establishing eligibility under $\$ 79.12$ (a)(2), the Program will presume that proof of residence or full-time employment at the same address or location on two separate dates at least 14 days apart within the time period beginning June 30, 1962, and ending July 31, 1962, establishes the claimant's physical presence for the necessary one-month-and-one-day period.
(i) For purposes of establishing eligibility under §79.12(a)(3), the claimant must establish, in accordance with §79.33, that he or she participated onsite in the atmospheric detonation of a nuclear device.

## § 79.14 Proof of initial exposure prior to age 21.

(a) Proof of the claimant's date of birth must be established by the submission of any of the following:
(1) Birth certificate;
(2) Baptismal certificate;
(3) Tribal records; or
(4) Hospital records of birth.
(b) Absent any indication to the contrary, the Program will assume that the earliest date within the designated time period indicated on any records accepted by the Program as proof of the claimant's physical presence in the affected area or participation during a period of atmospheric nuclear testing was also the date of initial exposure.
§79.15 Proof of onset of leukemia more than two years after first exposure.

The Program will presume that the date of onset was the date of diagnosis as indicated in the medical documentation accepted by the Program as proof of the claimant's leukemia. The date of onset must be more than two years after the date of first exposure as determined under §79.14(b).

## § 79.16 Proof of medical condition.

(a) Medical documentation is required in all cases to prove that the claimant suffered from or suffers from leukemia. Proof that the claimant contracted leukemia must be made either by using the procedure outlined in paragraph (b) of this section or by submitting the documentation required in paragraph (c) of this section.
(b) If a claimant was diagnosed as having leukemia in Arizona, Colorado, Nevada, New Mexico, Utah or Wyoming, the claimant or eligible surviving beneficiary need not submit any medical documentation of disease at the time the claim is filed (although medical documentation may subsequently be required). Instead, the claimant or eligible surviving beneficiary must submit with the claim an Authorization To Release Medical and Other Information, valid in the state of diagnosis, that authorizes the Program to contact the appropriate state cancer or tumor registry. The Program will accept as proof of medical condition
verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of one type of leukemia. If the designated state does not possess medical records or abstracts of medical records that contain a verified diagnosis of leukemia, the Radiation Exposure Compensation Program will notify the claimant or eligible surviving beneficiary and afford that individual the opportunity to submit the medical documentation required in paragraph (c) of this section, in accordance with the provisions of $\S 79.72(\mathrm{~b})$.
(c)(1) Proof that the claimant contracted leukemia may be made by the submission of one or more of the following contemporaneous medical records provided that the specified document contains an explicit statement of diagnosis or such other information or data from which appropriate authorities at the National Cancer Institute can make a diagnosis of leukemia to a reasonable degree of medical certainty:
(i) Bone marrow biopsy or aspirate report;
(ii) Peripheral white blood cell differential count report;
(iii) Autopsy report;
(iv) Hospital discharge summary;
(v) Physician summary report;
(vi) History and physical report; or
(vii) Death certificate, provided that it is signed by a physician at the time of death.
(2) If the medical record submitted does not contain sufficient information or data to make such a diagnosis, the Program will notify the claimant or eligible surviving beneficiary and afford that individual the opportunity to submit additional medical records identified in this paragraph, in accordance with the provisions of $\S 79.72(\mathrm{~b})$. Any such additional medical documentation submitted must also contain sufficient information from which appropriate authorities at the National Cancer Institute can determine the type of leukemia contracted by the claimant.

## Subpart C-Eligibility Criteria for Claims Relating to Certain Specified Diseases Contracted After Exposure in an Affected (‘'Downwinders')

## § 79.20 Scope of subpart.

The regulations in this subpart describe the criteria for eligibility for compensation under sections 4(a)(2) (A) and (B) of the Act and the evidence that will be accepted as proof of the various eligibility criteria. Sections 4(a)(2) (A) and (B) of the Act provide for a payment of $\$ 50,000$ to individuals who were exposed to fallout from the atmospheric detonation of nuclear devices at the Nevada Test Site due to their physical presence in an affected area during a designated time period and who later developed one or more specified compensable diseases.

## §79.21 Definitions.

(a) The definitions listed in §79.11 (a) through (e) and (i) apply to this subpart.
(b) Indication of disease means any medically significant information that suggests the presence of a disease, whether or not the presence of the disease is later confirmed.
(c) Leukemia, chronic lymphocytic leukemia, multiple myeloma, lymphomas, Hodgkin's disease, primary cancer of the thyroid, primary cancer of the male breast, primary cancer of the female breast, primary cancer of the esophagus, primary cancer of the stomach, primary cancer of the pharynx, primary cancer of the small intestine, primary cancer of the pancreas, primary cancer of the bile ducts, primary cancer of the gallbladder, primary cancer of the salivary gland, primary cancer of the urinary bladder, primary cancer of the brain, primary cancer of the colon, primary cancer of the ovary, primary cancer of the liver, and primary cancer of the lung mean the physiological conditions that are recognized by the National Cancer Institute under those names or nomenclature, or under any previously accepted or commonly used names or nomenclature.
(d) Specified compensable diseases means leukemia (other than chronic lymphocytic leukemia), provided that
initial exposure occurred after the age of 20 and that the onset of the disease was at least two years after first exposure, and the following diseases, provided onset was at least five years after first exposure: multiple myeloma; lymphomas (other than Hodgkin's disease); and primary cancer of the thyroid, male or female breast, esophagus, stomach, pharynx, small intestine, pancreas, bile ducts, gallbladder, salivary gland, urinary bladder, brain, colon, ovary, liver (except if cirrhosis or hepatitis B is indicated), or lung.

## §79.22 Criteria for eligibility for claims relating to certain specified diseases contracted after exposure in an affected area ("downwinders").

To establish eligibility for compensation under this subpart, a claimant or eligible surviving beneficiary must establish each of the following:
(a)(1) That the claimant was physically present at any place within the affected area for a period of at least two years ( 24 consecutive or cumulative months) during the period beginning on January 21, 1951, and ending on October 31, 1958; or
(2) That the claimant was physically present at any place within the affected area for the entire, continuous period beginning on June 30, 1962, and ending on July 31, 1962; and
(b) That after such period of physical presence the claimant contracted one of the following specified compensable diseases:
(1) Leukemia (other than chronic lymphocytic leukemia), provided that:
(i) The claimant's initial exposure occurred after the age of 20 ; and
(ii) The onset of the disease occurred at least two years after first exposure;
(2) Multiple myeloma, provided onset occurred at least five years after first exposure;
(3) Lymphomas, other than Hodgkin's disease, provided onset occurred at least five years after first exposure;
(4) Primary cancer of the thyroid, provided onset occurred at least five years after first exposure;
(5) Primary cancer of the male or female breast, provided onset occurred at least five years after first exposure;
(6) Primary cancer of the esophagus, provided onset occurred at least five years after first exposure;
(7) Primary cancer of the stomach, provided onset occurred at least five years after first exposure;
(8) Primary cancer of the pharynx, provided onset occurred at least five years after first exposure;
(9) Primary cancer of the small intestine, provided onset occurred at least five years after first exposure;
(10) Primary cancer of the pancreas, provided onset occurred at least five years after first exposure;
(11) Primary cancer of the bile ducts, provided onset occurred at least five years after first exposure;
(12) Primary cancer of the gallbladder, provided onset occurred at least five years after first exposure;
(13) Primary cancer of the salivary gland, provided onset occurred at least five years after first exposure;
(14) Primary cancer of the urinary bladder, provided onset occurred at least five years after first exposure;
(15) Primary cancer of the brain, provided onset occurred at least five years after first exposure;
(16) Primary cancer of the colon, provided onset occurred at least five years after first exposure;
(17) Primary cancer of the ovary, provided onset occurred at least five years after first exposure;
(18) Primary cancer of the liver, provided,
(i) Onset occurred at least five years after first exposure;
(ii) There is no indication of the presence of hepatitis B; and
(iii) There is no indication of the presence of cirrhosis; or
(19) Primary cancer of the lung, provided onset occurred at least five years after first exposure.

## § 79.23 Proof of physical presence for the requisite period.

(a) Proof of physical presence for the requisite period may be made in accordance with the provisions of $\S 79.13(\mathrm{a})$ and (b). An individual who resided or was employed on a full-time basis within the affected area is presumed to have been physically present during the time period of residence or full-time employment.
(b) For purposes of establishing eligibility under §79.22(a)(1), the Program will presume that proof of residence at one or more addresses or proof of fulltime employment at one location within the affected area on any two dates less than three years apart, during the period beginning on January 21, 1951, and ending on October 31, 1958, establishes the claimant's presence within the affected area for the period between the two dates reflected in the documentation submitted as proof of presence.
(c) For purposes of establishing eligibility under §79.22(a)(1), the Program will presume that proof of residence at one or more addresses or proof of fulltime employment at one location within the affected area on two dates, one of which is before January 21, 1951, and another of which is within the specified time period, establishes the claimant's presence in the affected area between January 21, 1951, and the date within the specified time period, provided the dates are not more than three years apart.
(d) For purposes of establishing eligibility under §79.22(a)(1), the Program will presume that proof of residence at one or more addresses or proof of fulltime employment at one location within the affected area on two dates, one of which is after October 31, 1958, and another of which is within the specified time period, establishes the claimant's presence in the affected area between the date within the specified time period and October 31, 1958, provided the dates are not more than three years apart.
(e) For purposes of establishing eligibility under §79.22(a)(2), the Program will apply the presumptions contained in §79.13(g) and (h).

## § 79.24 Proof of initial or first exposure after age 20 for claims under § 79.22(b)(1).

(a) Proof of the claimant's date of birth must be established in accordance with the provisions of $\S 79.14(\mathrm{a})$.
(b) Absent any indication to the contrary, the Program will presume that the earliest date within the designated time period indicated on any records accepted by the Program as proof of the claimant's physical presence in the
affected area was the date of initial or first exposure.

## § 79.25 Proof of onset of leukemia at least two years after first exposure, and proof of onset of a specified compensable disease more than five years after first exposure.

The date of onset will be the date of diagnosis as indicated in the medical documentation accepted by the Radiation Exposure Compensation Program as proof of the claimant's specified compensable disease. The date of onset must be at least five years after the date of first exposure as determined under §79.24(b). In the case of leukemia, the date of onset must be at least two years after the date of first exposure.

## § 79.26 Proof of medical condition.

(a) Medical documentation is required in all cases to prove that the claimant suffered from or suffers from any specified compensable disease. Proof that the claimant contracted a specified compensable disease must be made either by using the procedure outlined in paragraph (b) of this section or by submitting the documentation required in paragraph (c) of this section. (For claims relating to primary cancer of the liver, the claimant or eligible surviving beneficiary must also submit the additional medical documentation prescribed in §79.27.)
(b) If a claimant was diagnosed as having one of the specified compensable diseases in Arizona, Colorado, Nevada, New Mexico, Utah or Wyoming, the claimant or eligible surviving beneficiary need not submit any medical documentation of disease at the time the claim is filed (although medical documentation subsequently may be required). Instead, the claimant or eligible surviving beneficiary may submit with the claim an Authorization to Release Medical and Other Information, valid in the state of diagnosis, that authorizes the Program to contact the appropriate state cancer or tumor registry. The Program will accept as proof of medical condition verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of
one of the specified compensable diseases. If the designated state does not possess medical records or abstracts of medical records that contain a verified diagnosis of one of the specified compensable diseases, the Program will notify the claimant or eligible surviving beneficiary and afford that individual the opportunity to submit the written medical documentation required in paragraph (c) of this section, in accordance with the provisions of $\S 79.72(\mathrm{~b})$.
(c) Proof that the claimant contracted a specified compensable disease may be made by the submission of one or more of the contemporaneous medical records listed in this paragraph, provided that the specified document contains an explicit statement of diagnosis and such other information or data from which the appropriate authorities with the National Cancer Institute can make a diagnosis to a reasonable degree of medical certainty. If the medical record submitted does not contain sufficient information or data to make such a diagnosis, the Program will notify the claimant or eligible surviving beneficiary and afford that individual the opportunity to submit additional medical records identified in this paragraph, in accordance with the provisions of $\S 79.72(\mathrm{~b})$. The medical documentation submitted under this section to establish that the claimant contracted leukemia or a lymphoma must also contain sufficient information from which the appropriate authorities with the National Cancer Institute can determine the type of leukemia or lymphoma contracted by the claimant. Proof of leukemia shall be made by submitting one or more of the documents listed in $\S 79.16$ (c).
(1) Multiple myeloma.
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) Report of serum electrophoresis;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Hematology summary or consultation report;
(D) Medical oncology summary or consultation report; or
(E) X-ray report; or
(v) Death certificate, provided that it is signed by a physician at the time of death.
(2) Lymphomas.
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Hematology consultation or summary report; or
(D) Medical oncology consultation or summary report; or
(iv) Death certificate, provided that it is signed by a physician at the time of death.
(3) Primary cancer of the thyroid.
(i) Pathology report of tissue biopsy or fine needle aspirate;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative summary report;
(D) Medical oncology summary or consultation report; or
(iv) Death certificate, provided that it is signed by a physician at the time of death.
(4) Primary cancer of the male or female breast.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative report;
(D) Medical oncology summary or consultation report; or
(E) Radiotherapy summary or consultation report;
(iv) Report of mammogram;
(v) Report of bone scan; or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(5) Primary cancer of the esophagus.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) Endoscopy report;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative report;
(D) Radiotherapy report; or
(E) Medical oncology consultation or summary report;
(v) One of the following radiological studies:
(A) Esophagram;
(B) Barium swallow;
(C) Upper gastrointestinal (GI) series;
(D) Computerized tomography (CT) scan; or
(E) Magnetic resonance imaging (MRI); or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(6) Primary cancer of the stomach.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) Endoscopy or gastroscopy report;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative report;
(D) Radiotherapy report; or
(E) Medical oncology summary report;
(v) One of the following radiological studies:
(A) Barium swallow;
(B) Upper gastrointestinal (GI) series;
(C) Computerized tomography (CT) series; or
(D) Magnetic resonance imaging (MRI); or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(7) Primary cancer of the pharynx.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) Endoscopy report;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Report of otolaryngology examination;
(D) Radiotherapy summary report;
(E) Medical oncology summary report; or

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(F) Operative report;
(v) Report of one of the following radiological studies:
(A) Laryngograms;
(B) Tomograms of soft tissue and lateral radiographs;
(C) Computerized tomography (CT) scan; or
(D) Magnetic resonance imaging (MRI); or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(8) Primary cancer of the small intestine.
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) Endoscopy report, provided that the examination covered the duodenum and parts of the jejunum;
(iv) Colonoscopy report, provided that the examination covered the distal ileum;
(v) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Report of gastroenterology examination;
(D) Operative report;
(E) Radiotherapy summary report; or
(F) Medical oncology summary or consultation report;
(vi) Report of one of the following radiologic studies:
(A) Upper gastrointestinal (GI) series with small bowel follow-through;
(B) Angiography;
(C) Computerized tomography (CT) scan; or
(D) Magnetic resonance imaging (MRI); or
(vii) Death certificate, provided that it is signed by a physician at the time of death.
(9) Primary cancer of the pancreas.
(i) Pathology report of tissue biopsy or fine needle aspirate;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Radiotherapy summary report; or
(D) Medical oncology summary report;
(iv) Report of one of the following radiographic studies:
(A) Endoscopic retrograde cholangiopancreatography (ERCP);
(B) Upper gastrointestinal (GI) series;
(C) Arteriography of the pancreas;
(D) Ultrasonography;
(E) Computerized tomography (CT) scan; or
(F) Magnetic resonance imaging (MRI); or
(v) Death certificate, provided that it is signed by a physician at the time of death.
(10) Primary cancer of the bile ducts.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative report;
(D) Gastroenterology consultation report; or
(E) Medical oncology summary or consultation report;
(iv) Report of one of the following radiographic studies:
(A) Ultrasonography;
(B) Endoscopic retrograde
cholangiography;
(C) Percutaneous cholangiography; or
(D) Computerized tomography (CT) scan; or
(v) Death certificate, provided that it is signed by a physician at the time of death.
(11) Primary cancer of the gallbladder.
(i) Pathology report of tissue from surgical resection;
(ii) Autopsy report;
(iii) Report of one of the following radiological studies:
(A) Computerized tomography (CT) scan;
(B) Magnetic resonance imaging (MRI); or
(C) Ultrasonography (ultrasound);
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative report;
(D) Radiotherapy report; or
(E) Medical oncology summary or report; or
(v) Death certificate, provided that it is signed by a physician at the time of death.

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(12) Primary cancer of the liver.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Medical oncology summary report;
(D) Operative report; or
(E) Gastroenterology report;
(iv) Report of one of the following radiological studies:
(A) Computerized tomography (CT) scan;
(B) Magnetic resonance imaging (MRI); or
(v) Death certificate, provided that it is signed by a physician at the time of death.
(13) Primary cancer of the lung.
(i) Pathology report of tissue biopsy or resection, including, but not limited to specimens obtained by any of the following methods:
(A) Surgical resection;
(B) Endoscopic endobronchial or transbronchial biopsy;
(C) Bronchial brushings and washings;
(D) Pleural fluid cytology;
(E) Fine needle aspirate;
(F) Pleural biopsy; or
(G) Sputum cytology;
(ii) Autopsy report;
(iii) Report of bronchoscopy, with or without biopsy;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Radiotherapy summary report;
(D) Medical oncology summary report; or
(E) Operative report;
(v) Report of one of the following radiology examinations:
(A) Computerized tomography (CT) scan;
(B) Magnetic resonance imaging (MRI);
(C) X-rays of the chest; or
(D) Chest tomograms; or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(14) Primary cancer of the salivary gland.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) Report of otolaryngology or oral maxillofacial examination;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Radiotherapy summary report;
(D) Medical oncology summary report; or
(E) Operative report;
(v) Report of one of the following radiology examinations:
(A) Computerized tomography (CT) scan; or
(B) Magnetic resonance imaging (MRI); or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(15) Primary cancer of the urinary bladder.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) Report of cytoscopy, with or without biopsy;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Radiotherapy summary report;
(D) Medical oncology summary report; or
(E) Operative report;
(v) Report of one of the following radiology examinations:
(A) Computerized tomography (CT) scan; or
(B) Magnetic resonance imaging (MRI); or
(vi) Death certificate, provided that it is signed by a physician at the time of death.
(16) Primary cancer of the brain.
(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Radiotherapy summary report;
(D) Medical oncology summary report; or
(E) Operative report;
(iv) Report of one of the following radiology examinations:
(A) Computerized tomography (CT) scan;
(B) Magnetic resonance imaging (MRI); or
(C) CT or MRI with enhancement; or
(v) Death certificate, provided that it is signed by a physician at the time of death.
(17) Primary cancer of the colon.
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) Endoscopy report, provided the examination covered the duodenum and parts of the jejunum;
(iv) Colonoscopy report, provided that the examination covered the distal ileum;
(v) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Report of gastroenterology examination;
(D) Operative report;
(E) Radiotherapy summary report; or
(F) Medical oncology summary or consultation report;
(vi) Report of one of the following radiologic studies:
(A) Upper gastrointestinal (GI) series with small bowel follow-through;
(B) Angiography;
(C) Computerized tomography (CT) scan; or
(D) Magnetic resonance imaging (MRI); or
(vii) Death certificate, provided that it is signed by a physician at the time of death.

## (18) Primary cancer of the ovary.

(i) Pathology report of tissue biopsy or surgical resection;
(ii) Autopsy report;
(iii) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Radiotherapy summary report;
(D) Medical oncology summary report; or
(E) Operative report; or
(iv) Death certificate, provided that it is signed by a physician at the time of death.

## §79.27 Indication of the presence of hepatitis B or cirrhosis.

(a)(1) If the claimant or eligible surviving beneficiary is claiming eligibility under this subpart for primary cancer of the liver, the claimant or eligible surviving beneficiary must submit, in addition to proof of the disease, all medical records pertaining to the claimant listed below from any hospital, medical facility, or health care provider that were created within the period six months before and six months after the date of diagnosis of primary cancer of the liver:
(i) All history and physical examination reports;
(ii) All operative and consultation reports;
(iii) All pathology reports; and
(iv) All physician, hospital, and health care facility admission and discharge summaries.
(2) In the event that any of the records in paragraph (a)(1) of this section no longer exist, the claimant or eligible surviving beneficiary must submit a certified statement by the custodian(s) of those records to that effect.
(b) If the medical records listed in paragraph (a) of this section, or information possessed by the state cancer or tumor registries, indicates the presence of hepatitis B or cirrhosis, the Radiation Exposure Compensation Program will notify the claimant or eligible surviving beneficiary and afford that individual the opportunity to submit other written medical documentation or contemporaneous records in accordance with §79.72(b) to establish that in fact there was no presence of hepatitis B or cirrhosis.
(c) The Program may also require that the claimant or eligible surviving beneficiary provide additional medical records or other contemporaneous records, or an authorization to release such additional medical and contemporaneous records, as may be needed to make a determination regarding the indication of the presence of hepatitis B or cirrhosis.

## Subpart D—Eligibility Criteria for Claims by Onsite Participants

## § 79.30 Scope of subpart.

The regulations in this subpart describe the criteria for eligibility for compensation under section 4(a)(2)(C) of the Act, and the evidence that will be accepted as proof of the various eligibility criteria. Section $4(a)(2)(C)$ of the Act provides for a payment of $\$ 75,000$ to individuals who participated onsite in the atmospheric detonation of a nuclear device and later developed a specified compensable disease.

## §79.31 Definitions.

(a) The definitions listed in $\S 79.11$ (b), (e), (f), (g), and (h), and in §79.21, apply to this subpart.
(b) Atmospheric detonation of a nuclear device means only a test conducted by the United States prior to January 1, 1963, as listed in paragraph (d) of this section.
(c) First exposure or initial exposure means the date on which the claimant first participated onsite in an atmospheric detonation of a nuclear device.
(d) Period of atmospheric nuclear testing means one of the periods listed in this paragraph that are associated with each test operation, plus an additional six-month period thereafter:
(1) For Operation Trinity, the period July 16, 1945, through August 6, 1945 :

| Event name | Date | Location |
| :---: | :--- | :---: |
| Trinity $\ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots .$. | $07 / 16 / 45$ | Trinity Test Site |

(2) For Operation Crossroads, the period June 28, 1946, through August 31, 1946, for all activities other than the decontamination of ships involved in Operation Crossroads; the period of atmospheric nuclear testing for the decontamination of ships involved in Operation Crossroads shall run from June 28, 1946, through November 30, 1946:

| Event name | Date | Location |  |
| :---: | :--- | :--- | :--- |
| Able ......................... | $07 / 01 / 46$ | Bikini |  |
| Baker ..................... | $07 / 25 / 46$ | Bikini |  |

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| Event name | Date | Location |
| :---: | :---: | :---: |
| Mike | 11/01/52 | Enewetak |
| King ........ | 11/16/52 | Enewetak |

(9) For Operation Upshot-Knothole, the period March 17, 1953, through June 20, 1953:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Annie | 03/17/53 | NTS |
| Nancy ..................... | 03/24/53 | NTS |
| Ruth ....................... | 03/31/53 | NTS |
| Dixie ....................... | 04/06/53 | NTS |
| Ray ........................ | 04/11/53 | NTS |
| Badger .................... | 04/18/53 | NTS |
| Simon ..................... | 04/25/53 | NTS |
| Encore .................... | 05/08/53 | NTS |
| Harry ....................... | 05/19/53 | NTS |
| Grable ...................... | 05/25/53 | NTS |
| Climax ........................ | 06/04/53 | NTS |

(10) For Operation Castle, the period February 27, 1954, through May 31, 1954

| Event name | Date | Location |
| :---: | :---: | :---: |
| Bravo | 03/01/54 | Bikini |
| Romeo | 03/27/54 | Bikini |
| Koon | 04/07/54 | Bikini |
| Union | 04/26/54 | Bikini |
| Yankee | 05/05/54 | Bikini |
| Nectar | 05/14/54 | Enewetak |

(11) For Operation Teapot, the period February 18, 1955, through June 10, 1955:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Wasp | 02/18/55 | NTS |
| Moth | 02/22/55 | NTS |
| Tesla | 03/01/55 | NTS |
| Turk | 03/07/55 | NTS |
| Hornet | 03/12/55 | NTS |
| Bee | 03/22/55 | NTS |
| Ess | 03/23/55 | NTS |
| Apple-1 | 03/29/55 | NTS |
| Wasp Prime ..... | 03/29/55 | NTS |
| Ha | 04/06/55 | NTS |
| Post | 04/09/55 | NTS |
| Met | 04/15/55 | NTS |
| Apple-2 | 05/05/55 | NTS |
| Zucchini | 05/15/55 | NTS |

(12) For Operation Wigwam, the period May 14, 1955, through May 15, 1955:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Wigwam .................... | $05 / 14 / 55$ | Pacific |

(13) For Operation Redwing, the period May 2, 1956, through August 6, 1956, for all activities other than service as a member of the garrison or maintenance forces on the atoll of Enewetak from August 7, 1956, through August 7, 1957; the period of atmos-
pheric nuclear testing for service as a member of the garrison or maintenance forces on the atoll of Enewetak shall run from May 2, 1956, through August 7, 1957:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Lacrosse ................... | 05/05/56 | Enewetak |
| Cherokee .................. | 05/21/56 | Bikini |
| Zuni ........................ | 05/28/56 | Bikini |
| Yuma ....................... | 05/28/56 | Enewetak |
| Erie | 05/31/56 | Enewetak |
| Seminole ................. | 06/06/56 | Enewetak |
| Flathead | 06/12/56 | Bikini |
| Blackfoot ................... | 06/12/56 | Enewetak |
| Kickapoo .................. | 06/14/56 | Enewetak |
| Osage ...................... | 06/16/56 | Enewetak |
| Inca ......................... | 06/22/56 | Enewetak |
| Dakota ..................... | 06/26/56 | Bikini |
| Mohawk ................... | 07/03/56 | Enewetak |
| Apache .................... | 07/09/56 | Enewetak |
| Navajo ..................... | 07/11/56 | Bikini |
| Tewa ....................... | 07/21/56 | Bikini |
| Huron ...................... | 07/22/56 | Enewetak |

(14) For Operation Plumbbob, the period May 28, 1957, through October 22, 1957:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Boltzmann ................. | 05/28/57 | NTS |
| Franklin .................... | 06/02/57 | NTS |
| Lassen ................... | 06/05/57 | NTS |
| Wilson ...................... | 06/18/57 | NTS |
| Priscilla .................... | 06/24/57 | NTS |
| Hood ........................ | 07/05/57 | NTS |
| Diablo ..................... | 07/15/57 | NTS |
| John ......................... | 07/19/57 | NTS |
| Kepler ...................... | 07/24/57 | NTS |
| Owens ..................... | 07/25/57 | NTS |
| Stokes ...................... | 08/07/57 | NTS |
| Shasta ..................... | 08/18/57 | NTS |
| Doppler .................... | 08/23/57 | NTS |
| Franklin Prime .......... | 08/30/57 | NTS |
| Smoky ...................... | 08/31/57 | NTS |
| Galileo ..................... | 09/02/57 | NTS |
| Wheeler ................... | 09/06/57 | NTS |
| Laplace .................... | 09/08/57 | NTS |
| Fizeau ...................... | 09/14/57 | NTS |
| Newton .................... | 09/16/57 | NTS |
| Whitney .................... | 09/23/57 | NTS |
| Charleston ............... | 09/28/57 | NTS |
| Morgan .................... | 10/07/57 | NTS |

(15) For Operation Hardtack I, the period April 26, 1958, through October 31, 1958, for all activities other than service as a member of the garrison or maintenance forces on the atoll of Enewetak from November 1, 1958, through April 30, 1959; the period of atmospheric nuclear testing for service as a member of the garrison or maintenance forces on the atoll of Enewetak shall run from April 26, 1958, through April 30, 1959:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Yucca | 04/28/58 | Pacific |
| Cactus .................... | 05/06/58 | Enewetak |
| Fir .......................... | 05/12/58 | Bikini |
| Butternut .................. | 05/12/58 | Enewetak |
| Koa .......... | 05/13/58 | Enewetak |
| Wahoo .................... | 05/16/58 | Enewetak |
| Holly | 05/21/58 | Enewetak |
| Nutmeg ................... | 05/22/58 | Bikini |
| Yellowwood .............. | 05/26/58 | Enewetak |
| Magnolia .................. | 05/27/58 | Enewetak |
| Tobacco ................... | 05/30/58 | Enewetak |
| Sycamore ................ | 05/31/58 | Bikini |
| Rose ...................... | 06/03/58 | Enewetak |
| Umbrella .................. | 06/09/58 | Enewetak |
| Maple ...................... | 06/11/58 | Bikini |
| Aspen ...................... | 06/15/58 | Bikini |
| Walnut .................... | 06/15/58 | Enewetak |
| Linden ..................... | 06/18/58 | Enewetak |
| Redwood | 06/28/58 | Bikini |
| Elder ...................... | 06/28/58 | Enewetak |
| Oak ........................ | 06/29/58 | Enewetak |
| Hickory .................... | 06/29/58 | Bikini |
| Sequoia .................... | 07/02/58 | Enewetak |
| Cedar ...................... | 07/03/58 | Bikini |
| Dogwood ................. | 07/06/58 | Enewetak |
| Poplar ..................... | 07/12/58 | Bikini |
| Scaevola .................. | 07/14/58 | Enewetak |
| Pisonia ..................... | 07/18/58 | Enewetak |
| Juniper ...................... | 07/22/58 | Bikini |
| Olive ....................... | 07/23/58 | Enewetak |
| Pine ....................... | 07/27/58 | Enewetak |
| Teak ....................... | 07/31/58 | Johnston IsI |
| Qunice .................... | 08/06/58 | Enewetak |
| Orange ...................... | 08/11/58 | Johnston IsI |
| Fig .......................... | 08/18/58 | Enewetak |

(16) For Operation Argus, the period August 25, 1958, through September 10, 1958:

| Event name | Date | Location |
| :--- | :---: | :--- |
| Argus I ...................... | $08 / 27 / 58$ | South Atlantic |
| Argus II ......................... | $08 / 30 / 58$ | South Attantic |
| Argus III ................ | $09 / 06 / 58$ | South Atlantic |

(17) For Operation Hardtack II, the period September 19, 1958, through October 31, 1958:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Eddy | 09/19/58 | NTS |
| Mora ....................... | 09/29/58 | NTS |
| Quay ...................... | 10/10/58 | NTS |
| Lea ......................... | 10/13/58 | NTS |
| Hamilton ................. | 10/15/58 | NTS |
| Dona Ana ................ | 10/16/58 | NTS |
| Rio Arriba ................ | 10/18/58 | NTS |
| Socorro ................... | 10/22/58 | NTS |
| Wrangell ................... | 10/22/58 | NTS |
| Rushmore ................ | 10/22/58 | NTS |
| Sanford ................... | 10/26/58 | NTS |
| De Baca ................... | 10/26/58 | NTS |
| Humboldt ................. | 10/29/58 | NTS |
| Mazama .................. | 10/29/58 | NTS |
| Santa Fe .................. | 10/30/58 | NTS |

(18) For Operation Dominic I, the period April 23, 1962, through December 31, 1962:

| Event name | Date | Location |
| :---: | :---: | :---: |
| Adobe | 04/25/62 | Christmas Isl |
| Aztec | 04/27/62 | Christmas IsI |
| Arkansas | 05/02/62 | Christmas IsI |
| Questa | 05/04/62 | Christmas Isl |
| Frigate Bird | 05/06/62 | Pacific |
| Yukon | 05/08/62 | Christmas Isl |
| Mesilla | 05/09/62 | Christmas IsI |
| Muskegon | 05/11/62 | Christmas Isl |
| Swordfish | 05/11/62 | Pacific |
| Encino | 05/12/62 | Christmas IsI |
| Swanee | 05/14/62 | Christmas IsI |
| Chetco | 05/19/62 | Christmas IsI |
| Tanana | 05/25/62 | Christmas Isl |
| Nambe | 05/27/62 | Christmas IsI |
| Alma | 06/08/62 | Christmas IsI |
| Truckee | 06/09/62 | Christmas IsI |
| Yeso | 06/10/62 | Christmas IsI |
| Harlem | 06/12/62 | Christmas Isl |
| Rinconada | 06/15/62 | Christmas IsI |
| Dulce | 06/17/62 | Christmas IsI |
| Petit | 06/19/62 | Christmas IsI |
| Otowi | 06/22/62 | Christmas IsI |
| Bighorn | 06/27/62 | Christmas IsI |
| Bluestone | 06/30/62 | Christmas Isl |
| Starfish | 07/08/62 | Johnston IsI |
| Sunset | 07/10/62 | Christmas IsI |
| Pamlico .. | 07/11/62 | Christmas IsI |
| Androscoggin | 10/02/62 | Johnston IsI |
| Bumping | 10/06/62 | Johnston IsI |
| Chama | 10/18/62 | Johnston IsI |
| Checkmate | 10/19/62 | Johnston IsI |
| Bluegill .... | 10/25/62 | Johnston IsI |
| Calamity | 10/27/62 | Johnston IsI |
| Housatonic | 10/30/62 | Johnston IsI |
| Kingfish | 11/01/62 | Johnston IsI |
| Tightrope ..... | 11/03/62 | Johnston IsI |

(19) For Operation Dominic II, the period July 7, 1962, through August 15, 1962:

| Event name | Date | Location |  |
| :---: | :--- | :--- | :--- |
| Little Feller II ............. | $07 / 07 / 62$ | NTS |  |
| Johnie Boy ................ | $07 / 11 / 62$ | NTS |  |
| Small Boy ............................. | $07 / 14 / 62$ | NTS |  |
| Little Feller I ........... | $07 / 17 / 62$ | NTS |  |

(20) For Operation Plowshare, the period July 6, 1962, through July 7, 1962, covering Project Sedan.

## § 79.32 Criteria for eligibility for claims by onsite participants.

To establish eligibility for compensation under this subpart, a claimant or eligible surviving beneficiary must establish each of the following:
(a) That the claimant was present onsite at any time during a period of atmospheric nuclear testing;
(b) That the claimant was a participant during that period in the atmospheric detonation of a nuclear device; and
(c) That after such participation, the claimant contracted a specified compensable disease as set forth in §79.22(b).
§79.33 Proof of participation onsite during a period of atmospheric nuclear testing.
(a) Claimants associated with Department of Defense (DoD) Components or DoD Contractors. (1) A claimant or eligible surviving beneficiary who alleges that the claimant was present onsite during a period of atmospheric nuclear testing as a member of the armed forces or an employee or contractor employee of the DoD, or any of its components or agencies, must submit the following information on the claim form:
(i) The claimant's name;
(ii) The claimant's military service number;
(iii) The claimant's Social Security number;
(iv) The site at which the claimant participated in the atmospheric detonation of a nuclear device;
(v) The name or number of the claimant's military organization or unit assignment at the time of his or her onsite participation;
(vi) The dates of the claimant's assignment onsite; and
(vii) As full and complete a description as possible of the claimant's official duties, responsibilities, and activities while participating onsite.
(2) A claimant or eligible surviving beneficiary under this section need not submit any additional documentation of onsite participation during the atmospheric detonation of a nuclear device at the time the claim is filed; however, additional documentation may be required as set forth in paragraph (a)(3) of this section.
(3) Upon receipt under this subpart of a claim that contains the information set forth in paragraph (a)(1) of this section, the Radiation Exposure Compensation Program will forward the information to the DoD and request that the DoD conduct a search of its records for the purpose of gathering facts relating to the claimant's presence onsite and participation in the atmospheric detonation of a nuclear device. If the facts gathered by the DoD are insuffi-
cient to establish the eligibility criteria in §79.32, the claimant or eligible surviving beneficiary will be notified and afforded the opportunity to submit military, government, or business records in accordance with the procedure set forth in §79.72(c).
(b) Claimants Associated with the Atomic Energy Commission (AEC) or the Department of Energy (DOE), or Who Were Members of the Federal Civil Defense Administration or the Office of Civil and Defense Mobilization. (1) A claimant or eligible surviving beneficiary who alleges that the claimant was present onsite during the atmospheric detonation of a nuclear device as an employee of the AEC, the DOE or any of their components, agencies or offices, or as an employee of a contractor of the AEC, or DOE, or as a member of the Federal Civil Defense Administration or the Office of Civil and Defense Mobilization, must submit the following information on the claim form:
(i) The claimant's name;
(ii) The claimant's Social Security number;
(iii) The site at which the claimant participated in the atmospheric detonation of a nuclear device;
(iv) The name or other identifying information associated with the claimant's organization, unit, assignment, or employer at the time of the claimant's participation onsite;
(v) The dates of the claimant's assignment onsite; and
(vi) As full and complete a description as possible of the claimant's official duties, responsibilities, and activities while participating onsite.
(2) A claimant or eligible surviving beneficiary under this section need not at the time the claim is filed submit any additional documentation demonstrating the claimant's presence onsite during the atmospheric detonation of a nuclear device; however, additional documentation may thereafter be required as set forth in paragraph (b)(3) of this section.
(3) Upon receipt under this subpart of a claim that contains the information set forth in paragraph (b)(1) of this section, the Radiation Exposure Compensation Program will forward the information to the Nevada Field Office of the Department of Energy (DOE/NV)
and request that the DOE/NV conduct a search of its records for the purpose of gathering facts relating to the claimant's presence onsite and participation in the atmospheric detonation of a nuclear device. If the facts gathered by the DOE/NV are insufficient to establish the eligibility criteria in §79.32, the claimant or eligible surviving beneficiary will be notified and afforded the opportunity to submit military, government, or business records in accordance with the procedure set forth in §79.72(c).

## § 79.34 Proof of medical condition.

Proof of medical condition under this subpart will be made in the same manner and according to the same procedures and limitations as are set forth in §79.16 and §79.26.
§ 79.35 Proof of onset of leukemia at least two years after first exposure, and proof of onset of a specified compensable disease more than five years after first exposure.
Absent any indication to the contrary, the earliest date of onsite participation indicated on any records accepted by the Radiation Exposure Compensation Program as proof of the claimant's onsite participation will be presumed to be the date of first or initial exposure. The date of onset will be the date of diagnosis as indicated on the medical documentation accepted by the Radiation Exposure Compensation Program as proof of the specified compensable disease. Proof of the onset of leukemia shall be established in accordance with §79.15.

## § 79.36 Indication of the presence of hepatitis B or cirrhosis.

Possible indication of hepatitis $B$ or cirrhosis will be determined in accordance with the provisions of $\S 79.27$.

## Subpart E-Eligibility Criteria for Claims by Uranium Miners

## § 79.40 Scope of subpart.

The regulations in this subpart define the eligibility criteria for compensation under section 5 of the Act pertaining to miners, i.e., uranium mine workers, and the nature of the evidence that will be accepted as proof
of the various eligibility criteria. Section 5 of the Act provides for a payment of $\$ 100,000$ to miners who contracted primary lung cancer or one of a limited number of nonmalignant respiratory diseases following exposure to a defined minimum level of radiation during employment in aboveground or underground uranium mines or following employment for at least one year in aboveground or underground uranium mines in specified states during the period beginning January 1, 1942, and ending December 31, 1971.

## § 79.41 Definitions.

(a) Cor pulmonale means heart disease, including hypertrophy of the right ventricle, due to pulmonary hypertension secondary to fibrosis of the lung.
(b) Designated time period means the period beginning on January 1, 1942, and ending on December 31, 1971.
(c) Employment for at least one year means employment for a total of at least one year (12 consecutive or cumulative months).
(d) Fibrosis of the lung or pulmonary fibrosis means chronic inflammation and scarring of the pulmonary interstitium and alveoli with collagen deposition and progressive thickening.
(e) Miner or uranium mine worker means a person who operated or otherwise worked in a uranium mine.
(f) National Institute for Occupational Safety and Health (NIOSH) certified " $B$ ", reader means a physician who is certified as such by NIOSH. A list of certified "B'" readers is available from the Radiation Exposure Compensation Program upon request.
(g) Nonmalignant respiratory disease means fibrosis of the lung, pulmonary fibrosis, cor pulmonale related to fibrosis of the lung, silicosis, or pneumoconiosis.
(h) Pneumoconiosis means a chronic lung disease resulting from inhalation and deposition in the lung of particulate matter, and the tissue reaction to the presence of the particulate matter. For purposes of this subpart, the claimant's exposure to the particulate matter that led to the disease must have occurred during employment in a uranium mine.
(i) Primary lung cancer means any physiological condition of the lung, trachea, or bronchus that is recognized under that name or nomenclature by the National Cancer Institute. The term includes in situ lung cancers.
(j) Readily available documentation means documents in the possession, custody, or control of the claimant or an immediate family member.
(k) Silicosis means a pneumoconiosis due to the inhalation of the dust of stone, sand, flint, or other materials containing silicon dioxide, characterized by the formation of pulmonary fibrotic changes.
(1) Specified state means Colorado, New Mexico, Arizona, Wyoming, South Dakota, Washington, Utah, Idaho, North Dakota, Oregon, or Texas. Additional states may be included, provided:
(1) A uranium mine was operated in such state at any time during the period beginning on January 1, 1942, and ending on December 31, 1971;
(2) The state submits an application to the Assistant Director (specified in §79.70(a)) to include such state; and
(3) The Assistant Director makes a determination to include such state.
(m) Uranium mine means any underground excavation, including "dog holes," as well as open-pit, strip, rim, surface, or other aboveground mines, where uranium ore or vanadium-uranium ore was mined or otherwise extracted.
(n) Working level means the concentration of the short half-life daughters of radon that will release $\left(1.3 \times 10^{5}\right)$ million electron volts of alpha energy per liter of air.
(o) Working level month of radiation means radiation exposure at the level of one working level every work day for a month, or an equivalent cumulative exposure over a greater or lesser amount of time.
(p) Written diagnosis by a physician means a written determination of the nature of a disease made from a study of the signs and symptoms of a disease that is based on a physical examination of the patient, medical imaging or a chemical, microscopic, microbiologic, immunologic or pathologic study of physiologic and functional tests, secretions, discharges, blood, or
tissue. For purposes of satisfying the requirement of a "written diagnosis by a physician" for living claimants specified in §79.46, a physician submitting a written diagnosis of a nonmalignant respiratory disease must be employed by the Indian Health Service or the Department of Veterans Affairs or be board certified, and must have a documented, ongoing physician-patient relationship with the claimant. An "ongoing physician-patient relationship'" can include referrals made to specialists from a primary care provider for purposes of diagnosis or treatment. "Board certification'" requires, in addition to physician licensing, the successful completion of a residency training program and passage of a Board exam in a relevant field or specialty. Relevant specialties include: family practice, internal medicine, pathology, preventive medicine, radiology, surgery, and thoracic surgery (and including subspecialties such as cardiovascular disease, medical oncology, pulmonary disease) as listed by the American Board of Medical Specialties.

## §79.42 Criteria for eligibility for claims by miners.

To establish eligibility for compensation under this subpart, a claimant or eligible surviving beneficiary must establish each of the following:
(a) The claimant was employed as a miner in a specified state;
(b) The claimant was so employed at any time during the period beginning on January 1, 1942, and ending on December 31, 1971;
(c) The claimant was exposed during the course of his or her mining employment to 40 or more working level months of radiation or worked for at least one year in a uranium mine or mines during the period identified in paragraph (b) of this section; and
(d) The claimant contracted lung cancer or a nonmalignant respiratory disease following such exposure.

## $\S 79.43$ Proof of employment as a miner.

(a) The Department will accept, as proof of employment for a designated time period, information contained in any of the following records:
(1) Records created by or gathered by the Public Health Service (PHS) in the course of any health studies of uranium workers during or including the period 1942-1990;
(2) Records of a uranium worker census performed by the PHS at various times during the period 1942-1990;
(3) Records of the Atomic Energy Commission (AEC), or any of its successor agencies; and
(4) Records of federally supported, health-related studies of uranium workers, including:
(i) Studies conducted by Geno Saccamanno, M.D., St. Mary's Hospital, Grand Junction, Colorado; and
(ii) Studies conducted by Jonathan Samet, M.D., University of New Mexico School of Medicine.
(b) The Program will presume that the employment history for the time period indicated in records listed in paragraph (a) of this section is correct. If the claimant or eligible surviving beneficiary wishes to contest the accuracy of such records, then the claimant or eligible surviving beneficiary may provide one or more of the records identified in paragraph (c) of this section, and the Assistant Director will determine whether the employment history indicated in the records listed in paragraph (a) is correct.
(c) If the sources in paragraph (a) of this section do not contain information regarding the claimant's uranium mine employment history, do not contain sufficient information to establish exposure to at least 40 working level months of radiation, do not contain sufficient information to establish uranium mining employment for one year during the period identified in $\S 79.42$ (b), or if a claimant or eligible surviving beneficiary wishes to contest the accuracy of such records, then the claimant or eligible surviving beneficiary may submit records from any of the following sources, and the Assistant Director shall consider such records (in addition to any sources listed in paragraph (a) of this section) in order to determine whether the claimant has established the requisite employment history:
(1) Governmental records of any of the specified states, including records of state regulatory agencies, con-
taining information on uranium mine workers and uranium mines;
(2) Records of any business entity that owned or operated a uranium mine, or its successor-in-interest;
(3) Records of the Social Security Administration reflecting the identity of the employer, the years and quarters of employment, and the wages received during each quarter;
(4) Federal or State income tax records that contain relevant statements regarding the claimant's employer and wages;
(5) Records containing factual findings by any governmental judicial body, state worker's compensation board, or any governmental administrative body adjudicating the claimant's rights to any type of benefits (which will be accepted only to prove the fact of and duration of employment in a uranium mine);
(6) Statements in medical records created during the period 1942-1971 indicating or identifying the claimant's employer and occupation;
(7) Records of an academic or scholarly study, not conducted in anticipation of or in connection with any litigation, and completed prior to 1990; and
(8) Any other contemporaneous record that indicates or identifies the claimant's occupation or employer.
(d) To the extent that the documents submitted from the sources identified in this section do not so indicate, the claimant or eligible surviving beneficiary must set forth under oath on the standard claim form the following information, if known:
(1) The names of the mine employers for which the claimant worked during the time period identified in the documents;
(2) The names and locations of any mines in which the claimant worked;
(3) The actual time period the claimant worked in each mine;
(4) The claimant's occupation in each mine; and
(5) Whether the mining employment was conducted aboveground or underground.
(e) If the claimant or eligible surviving beneficiary cannot provide the name or location of any uranium mine at which the claimant was employed as
required under paragraph (d)(2) of this section, then the Program shall, if possible, determine such information from records reflecting the types of mines operated or owned by the entity for which the claimant worked.
(f) If the information provided under paragraphs (a) and (c) of this section is inadequate to determine the time period during which the claimant was employed in each uranium mine, then the Program will, where possible, calculate such employment periods in the following manner, for purposes of calculating working level months of exposure:
(1) If records of the Social Security Administration exist that indicate the claimant's work history, the Program will estimate the period of employment by dividing the gross quarterly income by the average pay rate per hour for the claimant's occupation;
(2) If such Social Security Administration records do not exist, but other records exist that indicate that the claimant was employed in a uranium mine on the date recorded in the record, but do not indicate the period of employment, then the Program will apply the following presumptions:
(i) If the records indicate that the claimant worked at the same mine or for the same uranium mining company on two different dates at least three months apart but less than 12 months apart, then the Program will presume that the claimant was employed at the mine or for the mining company for the entire 12 -month period beginning on the earlier date.
(ii) If the records indicate that the claimant worked at the same mine or for the same uranium mining company on two different dates at least one month apart but less than three months apart, then the Program will presume that the claimant was employed at the mine or for the mining company for the entire six-month period beginning on the earlier date.
(iii) If the records indicate that the claimant worked at any mine or for a uranium mining company on any date within the designated time period, but the presumptions listed in this paragraph (f) are not applicable, then the Program will presume that the claimant was employed at the mine or for
the mining company for a six-month period, consisting of three months before and three months after the date indicated.
(g) In determining whether a claimant satisfies the employment and exposure criteria of the Act, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. If the Assistant Director concludes that the claimant has not satisfied the employment or exposure requirements of the Act, the claimant or eligible surviving beneficiary will be notified and afforded the opportunity, in accordance with the provisions of $\S 79.72$ (c), to submit additional records to establish that the statutory criteria are satisfied.

## § 79.44 Proof of working level month exposure to radiation.

(a) If one or more of the sources in $\S 79.43(\mathrm{a})$ contain a calculated total of working level months (WLMs) of radiation for the claimant equal to or greater than 40 WLMs, then the Program will presume that total to be correct, absent evidence to the contrary, in which case the claimant or eligible surviving beneficiary need not submit additional records.
(b) If the sources in $\S 79.43$ (a) do not contain a calculated total of WLMs of radiation for the claimant, or contain a calculated total that is less than 40 WLMs, a claimant or eligible surviving beneficiary may submit the following records reflecting a calculated number of WLMs of radiation for periods of employment established under §79.43(c):
(1) Certified copies of records of regulatory agencies of the specified states, provided that the records indicate the mines at which the claimant was employed, the time period of the claimant's employment in each mine, the exposure level in each mine during the claimant's employment, and the calculations on which the claimant's WLIMs are based, unless the calculation is apparent;
(2) Certified copies of records of the owner or operator of a uranium mine in the specified states, provided that the records indicate the mines at which the claimant was employed, the time period of the claimant's employment in each mine, the exposure level in each
mine during the claimant's employment, and the calculations on which the claimant's WLMs are based, unless the calculation is apparent.
(c) If the number of WLMs established under paragraphs (a) and (b) of this section is equal to or greater than 40 WLMs of radiation, the claimant or eligible surviving beneficiary need not submit additional records. When the sources referred to in paragraphs (a) and (b) of this section do not establish a calculated number of at least 40 WLMs, the Program will, where possible, calculate additional WLMs in the manner set forth in paragraphs (d) through (g) of this section for the periods of employment for which the sources in paragraphs (a) and (b) do not establish calculated totals. When calculating an exposure level for a particular period of a claimant's employment history, the Program will apply aboveground exposure levels with respect to those periods in which the claimant worked principally aboveground and will apply underground exposure levels with respect to those periods in which the claimant worked principally underground.
(d) To the extent the sources referenced in paragraphs (a) and (b) of this section do not contain a calculated number of WLMs, but do contain annual exposure levels measured in Working Levels (WLs) for mines in which the claimant was employed, the Program will calculate the claimant's exposure to radiation measured in WLMs in the manner set forth in paragraph (h) of this section.
(e) For periods of employment in a uranium mine that a claimant establishes under §79.43(c) as to which paragraph (d) of this section is not applicable, the Program will, where possible, use any or all of the following sources in computing the annual exposure level measured in WLs in each mine for the period of the claimant's employment, in the manner set forth in paragraph (g) of this section:
(1) Records of the AEC, or its successor agencies;
(2) Records of the PHS, including ra-diation-level measurements taken in the course of health studies conducted of uranium miners during or including the period 1942-1971;
(3) Records of the United States Bureau of Mines;
(4) Records of regulatory agencies of the specified states; or
(5) Records of the business entity that was the owner or operator of the mine.
(f) For periods of employment in unidentified or misidentified uranium mines that a claimant establishes under §79.43(c) through (f), the Program will determine annual exposure levels measured in WLs in the unidentified or misidentified mines by calculating an average of the annual exposure levels measured in WLs in all the uranium mines owned or operated by the entities for which the claimant worked during the appropriate time periods and in the identified states.
(g) With respect to periods of employment in a uranium mine that a claimant establishes under §79.43(c) as to which paragraph (d) of this section is not applicable, and periods of employment in unidentified or misidentified uranium mines that a claimant establishes under §79.43(c) through (f), the Program will use the following methodology to calculate the annual exposure level measured in WLs for each mine:
(1) If one or more radiation measurements are available for a mine in a given year, such values will be averaged to generate the WLs for the mine for that year.
(2) If radiation measurements exist for the mine, but not for the year in which the claimant was employed in the mine, the WLs for the mine for that year will be estimated if possible as follows:
(i) If annual average measurements exist within four years of the year in which the claimant was employed in the mine, the measurements for the two closest years will be averaged, and that value will be assigned to the year the claimant was employed in the mine;
(ii) If one or more annual average measurements exist for a mine, but are not more than five years from the year the claimant was employed, the annual average closest in time will be assigned either forward or backward in time for two years.
(3) If the methods described in paragraph (g)(2) of this section interpolate or project the annual exposure level measured in WLs for a mine in a year in which the claimant was employed in the mine, the Program will use an estimated average for mines of the same or similar type, ventilation, and ore composition in the same geographical area for that year. An estimated area average will be calculated as follows:
(i) If actual measurements from three or more mines of the same or similar type, ventilation, and ore composition are available from mines in the same locality as the mine in which the claimant was employed, the average of the measurements for the mines within that locality will be used.
(ii) If there are insufficient actual measurements from mines in the same locality to use the method in paragraph (g)(3)(i) of this section, an average of exposure levels in mines in the same mining district will be used.
(iii) If there is no average of exposure levels from mines in the same mining district, the average of exposure levels in mines in the same state will be used.
(iv) If there are insufficient actual measurements from mines in the same state, the estimated average for the State of Colorado for the relevant year will be used.
(4) With respect to a year between 1942 and 1949, if the claimant was employed in a mine for which no exposure levels are available for that year, then the Program will estimate the annual exposure levels measured in WLs by averaging the two earliest exposure levels recorded from that mine after the year 1941. If there are not two exposure levels recorded from that mine, the Program will estimate the WLs by averaging the two earliest exposure levels after the year 1941 from the mines identified according to the methods set forth in paragraphs (g)(3)(i) through (iv).
(h) The Program will calculate a claimant's total exposure to radiation expressed in WLMs, for purposes of establishing eligibility under $\S 79.42$ (c), by adding together the WLMs for each period of employment that the claimant has established. For those periods of a claimant's employment for which the Program has obtained or calculated

WLs pursuant to paragraphs (d) through (g) of this section, the Program shall determine WLMs by multiplying the WL by the pertinent time period, measured in months, yielding a claimant's exposure to radiation expressed in WLMs.
(i) In addition to any other material that may be used to substantiate employment history for purposes of determining WLMs, an individual filing a claim may make such a substantiation by means of an affidavit described in §79.4(c)(4).

## § 79.45 Proof of primary lung cancer.

(a) In determining whether a claimant developed primary lung cancer following pertinent employment as a miner, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed primary lung cancer must be supported by medical documentation. To prove that a claimant developed primary lung cancer, the claimant or beneficiary may submit any form of medical documentation specified in paragraph (e) of this section. In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate, review any pertinent records discovered within the sources identified in paragraphs (b), (c), and (d) of this section.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary lung cancer.)
(c) If a claimant was diagnosed as having primary lung cancer in Arizona, Colorado, Nevada, New Mexico, Utah, or Wyoming, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release

Medical or Other Information, valid in the state of diagnosis, that authorizes the Radiation Exposure Compensation Program to contact the appropriate state cancer or tumor registry, the Program will, where appropriate, request the relevant information from that registry and will review records that it obtains from the registry. (In cases where the claimant is deceased, the Program will accept as proof of medical condition verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary lung cancer.)
(d) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a verified diagnosis of primary lung cancer.)
(e)(1) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted primary lung cancer. Such documentation will be most useful where it contains an explicit statement of diagnosis or such other information or data from which the appropriate authorities at the National Cancer Institute can make a diagnosis to a reasonable degree of medical certainty:
(i) Pathology report of tissue biopsy, including, but not limited to, specimens obtained by any of the following methods:
(A) Surgical resection;
(B) Endoscopic endobronchial or transbronchial biopsy;
(C) Bronchial brushings and washings;
(D) Pleural fluid cytology;
(E) Fine needle aspirate;
(F) Pleural biopsy; or
(G) Sputum cytology;
(ii) Autopsy report;
(iii) Bronchoscopy report;
(iv) One of the following summary medical reports:
(A) Physician summary report;
(B) Hospital discharge summary report;
(C) Operative report;
(D) Radiation therapy summary report; or
(E) Oncology summary or consultation report;
(v) Reports of radiographic studies, including:
(A) X-rays of the chest;
(B) Chest tomograms;
(C) Computer-assisted tomography (CT); or
(D) Magnetic resonance imaging (MRI); or
(vi) Death certificate, provided that it is signed by a physician at the time of death.

## §79.46 Proof of nonmalignant respiratory disease.

(a) In determining whether a claimant developed a nonmalignant respiratory disease following pertinent employment as a miner, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed a nonmalignant respiratory disease must be supported by medical documentation. In cases where the claimant is deceased, the claimant's beneficiary may submit any form of medical documentation specified in paragraph (d)(1) of this section, and for proof of cor pulmonale must also submit one or more forms of documentation specified in paragraph (d)(2). A living claimant must at a minimum submit the medical documentation required in paragraph (d)(3) of this section, and for proof of cor pulmonale must also submit one or more forms of documentation specified in paragraph (d)(2). In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate,
review any pertinent records discovered within the sources referred to in paragraphs (b) and (c) of this section. With respect to a deceased claimant, the Program will treat as equivalent to a diagnosis of pulmonary fibrosis any diagnosis of "restrictive lung disease" made by a physician employed by the Indian Health Service.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of a nonmalignant respiratory disease.
(c) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a verified diagnosis of a nonmalignant respiratory disease.
(d) (1) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted a nonmalignant respiratory disease, including pulmonary fibrosis, fibrosis of the lung, cor pulmonale related to fibrosis of the lung, silicosis, and pneumoconiosis:
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) If an x-ray exists, the x-ray and interpretive reports of the x-ray by a maximum of two NIOSH certified "B" readers classifying the existence of disease of category $1 / 0$ or higher according to a 1989 report of the International Labor Office (known as the "ILO"), or subsequent revisions;
(iv) If no x-rays exist, an x-ray report;
(v) Physician summary report;
(vi) Hospital discharge summary report;
(vii) Hospital admitting report;
(viii) Death certificate, provided that it is signed by a physician at the time of death; or
(ix) Documentation specified in paragraphs (d)(3)(i) and (d)(3)(ii) of this section.
(2) In order to demonstrate that the claimant developed cor pulmonale related to fibrosis of the lung, the claimant or beneficiary must, at a minimum, submit one or more of the following medical records:
(i) Right heart catheterization;
(ii) Cardiology summary or consultation report;
(iii) Electrocardiogram;
(iv) Echocardiogram;
(v) Physician summary report;
(vi) Hospital discharge summary report;
(vii) Autopsy report;
(viii) Report of physical examination; or
(ix) Death certificate, provided that it is signed by a physician at the time of death.
(3) Notwithstanding any other documentation provided, a living claimant must at a minimum provide the following medical documentation:
(i) Either:
(A) An arterial blood gas study administered at rest in a sitting position, or an exercise arterial blood gas test, reflecting values equal to or less than the values set forth in the tables in appendix $B$ to this part; or
(B) A written diagnosis by a physician in accordance with $\S 79.41(\mathrm{p})$; and
(ii) One of the following:
(A) A chest x-ray administered in accordance with standard techniques accompanied by interpretive reports of the x-ray by a maximum of two NIOSH
certified "B" readers, classifying the existence of disease of category $1 / 0$ or higher according to a 1989 report of the International Labor Office (known as the "ILO'"), or subsequent revisions;
(B) High-resolution computed tomography scans (commonly known as "HRCT scans"), including computer-assisted tomography scans (commonly known as "CAT scans"), magnetic resonance imaging scans (commonly known as "MRI scans"), and positron emission tomography scans (commonly known as "PET scans"), and interpretive reports of such scans;
(C) Pathology reports of tissue biopsies; or
(D) Pulmonary function tests indicating restrictive lung function and consisting of three reproducible time/ volume tracings recording the results of the forced expiratory volume in one second (FEV1) and the forced vital capacity (FVC) administered and reported in accordance with the Standardization of Spirometry-1994 Update by the American Thoracic Society, and reflecting values for FEV1 or FVC that are less than or equal to the lower limit of normal for an individual of the claimant's age, sex, height, and ethnicity as set forth in the tables in appendix A to this part.
(e) The Assistant Director shall treat any documentation described in paragraph (d)(3)(i)(B) or paragraph (d)(3)(ii)(A) of this section as conclusive evidence of the claimant's nonmalignant respiratory disease; provided, however, that the Program may subject such documentation to a fair and random audit to guarantee its authenticity and reliability for purposes of treating it as conclusive evidence; and provided further that, in order to be treated as conclusive evidence, a written diagnosis described in paragraph (d)(3)(i)(B) must be by a physician who is employed by the Indian Health Service or the Department of Veterans Affairs or who is board certified (as described in §79.41(p)), and who must have a documented, ongoing physician-patient relationship with the claimant. Notwithstanding the conclusive effect given to certain evidence, nothing in this paragraph shall be construed as relieving a living claimant of the obligation to provide the Program
with the forms of documentation required under paragraph (d)(3).

## Subpart F-Eligibility Criteria for Claims by Uranium Millers

## § 79.50 Scope of subpart.

The regulations in this subpart define the eligibility criteria for compensation under section 5 of the Act pertaining to millers, i.e., uranium mill workers, and the nature of evidence that will be accepted as proof that a claimant satisfies such eligibility criteria. Section 5 of the Act provides for a payment of $\$ 100,000$ to "millers" who contracted primary lung cancer, one of a limited number of nonmalignant respiratory diseases, primary renal cancer, or chronic renal disease, following employment for at least one year as a uranium mill worker in specified states during the period beginning January 1, 1942, and ending December 31, 1971.

## § 79.51 Definitions.

(a) Chronic renal disease means the chronic, progressive, and irreversible destruction of the nephron. It is exhibited by diminution of renal function.
(b) Cor pulmonale means heart disease, including hypertrophy of the right ventricle, due to pulmonary hypertension secondary to fibrosis of the lung.
(c) Designated time period means the period beginning on January 1, 1942, and ending on December 31, 1971.
(d) Employment for at least one year means employment for a total of at least one year ( 12 consecutive or cumulative months).
(e) Fibrosis of the lung or pulmonary fibrosis means chronic inflammation and scarring of the pulmonary interstitium and alveoli with collagen deposition and progressive thickening.
(f) Kidney tubal (tubular) tissue injury means structural or functional damage to the kidney tubules that results in renal disease and dysfunction.
(g) Miller or uranium mill worker means a person who operated or otherwise worked in a uranium mill.
(h) National Institute for Occupational Safety and Health (NIOSH) certified " $B$ " reader means a physician who is certified as such by NIOSH. A list of certified "B" readers is available from the

Radiation Exposure Compensation Program upon request.
(i) Nephritis means an inflammatory process of the kidneys resulting in chronic renal dysfunction.
(j) Nonmalignant respiratory disease means fibrosis of the lung, pulmonary fibrosis, cor pulmonale related to fibrosis of the lung, silicosis, and pneumoconiosis.
(k) Pneumoconiosis means a chronic lung disease resulting from inhalation and deposition in the lung of particulate matter, and the tissue reaction to the presence of the particulate matter. For purposes of this subpart, the claimant's exposure to the particulate matter that led to the disease must have occurred during employment in a uranium mill.
(1) Primary lung cancer means any physiological condition of the lung, trachea, or bronchus that is recognized under that name or nomenclature by the National Cancer Institute. The term includes in situ lung cancers.
(m) Readily available documentation means documents in the possession, custody, or control of the claimant or an immediate family member.
(n) Primary renal cancer means any physiological condition of the kidneys that is recognized under that name or nomenclature by the National Cancer Institute.
(o) Silicosis means a pneumoconiosis due to the inhalation of the dust of stone, sand, flint, or other materials containing silicon dioxide, characterized by the formation of pulmonary fibrotic changes.
(p) Specified state means Colorado, New Mexico, Arizona, Wyoming, South Dakota, Washington, Utah, Idaho, North Dakota, Oregon, or Texas. Additional states may be included, provided:
(1) A uranium mine was operated in such state at any time during the period beginning on January 1, 1942, and ending on December 31, 1971;
(2) The state submits an application to the Assistant Director (specified in §79.70(a)) to include such state; and
(3) The Assistant Director makes a determination to include such state.
(q) Uranium mill means any milling operation involving the processing of uranium ore or vanadium-uranium ore,
including carbonate plants and acid leach plants. The term applies to orebuying stations where ore was weighed and sampled prior to delivery to a mill for processing; "upgrader" or "concentrator" facilities located at the mill or at a remote location where uranium or vanadium-uranium ore was processed prior to delivery to a mill; and pilot plants where uranium ore or vanadiumuranium ore was processed.
(r) Uranium mine means any underground excavation, including "dog holes," as well as open-pit, strip, rim, surface, or other aboveground mines, where uranium ore or vanadium-uranium ore was mined or otherwise extracted.
(s) Written diagnosis by a physician means a written determination of the nature of a disease made from a study of the signs and symptoms of a disease that is based on a physical examination of the patient, medical imaging or a chemical, microscopic, microbiologic, immunologic, or pathologic study of physiologic and functional tests, secretions, discharges, blood, or tissue. For purposes of satisfying the requirement of a "written diagnosis by a physician" for living claimants specified in $\S 79.55$, a physician submitting a written diagnosis of a nonmalignant respiratory disease must be employed by the Indian Health Service or the Department of Veterans Affairs or be board certified, and must have a documented, ongoing physician-patient relationship with the claimant. An "ongoing physician-patient relationship", can include referrals made to specialists from a primary care provider for purposes of diagnosis or treatment. "Board certification'" requires, in addition to physician licensing, the successful completion of a residency training program and passage of a Board exam in a relevant field or specialty. Relevant specialties include: family practice, internal medicine, pathology, preventive medicine, radiology, surgery, and thoracic surgery (and including subspecialties such as cardiovascular disease, medical oncology, pulmonary disease) as listed by the American Board of Medical Specialties.

## §79.52 Criteria for eligibility for claims by uranium millers.

To establish eligibility for compensation under this subpart, a claimant or eligible surviving beneficiary of a claimant must establish each of the following:
(a) The claimant was employed as a miller in a specified state;
(b) The claimant was so employed for at least one year ( 12 consecutive or cumulative months) during the period beginning on January 1, 1942, and ending on December 31, 1971; and
(c) The claimant contracted primary lung cancer, a nonmalignant respiratory disease, primary renal cancer, or chronic renal disease (including nephritis and kidney tubal tissue injury) following at least one year of such employment.

## $\S 79.53$ Proof of employment as a miller.

(a) The Department will accept, as proof of employment for the time period indicated, information contained in any of the following records:
(1) Records created by or gathered by the Public Health Service (PHS) in the course of any health studies of uranium workers during or including the period 1942-1990;
(2) Records of a uranium worker census performed by the PHS at various times during the period 1942-1990;
(3) Records of the Atomic Energy Commission (AEC), or any of its successor agencies; and
(4) Records of federally supported, health-related studies of uranium workers.
(b) The Program will presume that the employment history for the time period indicated in records listed in paragraph (a) of this section is correct. If the claimant or eligible surviving beneficiary wishes to contest the accuracy of such records, then the claimant or eligible surviving beneficiary may provide one or more of the records identified in paragraph (c) of this section, and the Assistant Director will determine whether the employment history indicated in the records listed in paragraph (a) is correct.
(c) If the sources in paragraph (a) of this section do not contain information regarding the claimant's uranium mill
employment history, do not contain sufficient information to establish employment for at least one year in a uranium mill during the specified time period to qualify under $\S 79.52(\mathrm{~b})$, or if a claimant or eligible surviving beneficiary wishes to contest the accuracy of such records, then the claimant or eligible surviving beneficiary may submit records from any of the following sources, which the Assistant Director shall consider (in addition to any sources listed in paragraph (a) of this section) in order to determine whether the claimant has established the requisite employment history:
(1) Records of any of the specified states, including records of state regulatory agencies, containing information on uranium mill workers and uranium mills;
(2) Records of any business entity that owned or operated a uranium mill, or its successor-in-interest;
(3) Records of the Social Security Administration reflecting the identity of the employer, the years and quarters of employment, and the wages received during each quarter;
(4) Federal or state income tax records that contain relevant statements regarding the claimant's employer and wages;
(5) Records containing factual findings by any governmental judicial body, state worker's compensation board, or any governmental administrative body adjudicating the claimant's rights to any type of benefits (which will be accepted only to prove the fact of and duration of employment in a uranium mill);
(6) Statements in medical records created during the period 1942-1971 indicating or identifying the claimant's employer and occupation;
(7) Records of an academic or scholarly study, not conducted in anticipation of or in connection with any litigation, and completed prior to 1990; or
(8) Any other contemporaneous record that indicates or identifies the claimant's occupation or employer.
(d) To the extent that the documents submitted from the sources identified in this section do not so indicate, the claimant or eligible surviving beneficiary must set forth under oath on
the standard claim form the following information, if known:
(1) The names of the mill employers for which the claimant worked during the time period identified in the documents;
(2) The names and locations of any mills in which the claimant worked;
(3) The actual time period the claimant worked in each mill; and
(4) The claimant's occupation in each mill.
(e) The Program may, for the purpose of verifying information submitted pursuant to this section, require the claimant or any eligible surviving beneficiary to provide an authorization to release any record identified in this section, in accordance with the provisions of $\S 79.72$ (c).
(f) In determining whether a claimant satisfies the employment criteria of the Act, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. If the Assistant Director concludes that the claimant has not satisfied the employment requirements of the Act, the claimant or eligible surviving beneficiary will be notified and afforded the opportunity, in accordance with the provisions of $\S 79.72$ (c), to submit additional records to establish that the statutory employment criteria are satisfied.

## § 79.54 Proof of primary lung cancer.

(a) In determining whether a claimant developed primary lung cancer following pertinent employment as a miller, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed primary lung cancer must be supported by medical documentation. To prove that a claimant developed primary lung cancer, the claimant or beneficiary may submit any form of medical documentation specified in paragraph (e) of this section. In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate, review any pertinent records discovered within the sources identified in paragraphs (b), (c) and (d) of this section.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (includ-
ing NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary lung cancer.)
(c) If a claimant was diagnosed as having primary lung cancer in Arizona, Colorado, Nevada, New Mexico, Utah, or Wyoming, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information, valid in the state of diagnosis, that authorizes the Radiation Exposure Compensation Program to contact the appropriate state cancer or tumor registry, the Program will, where appropriate, request the relevant information from that registry and will review records that it obtains from the registry. (In cases where the claimant is deceased, the Program will accept as proof of medical condition verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary lung cancer.)
(d) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a
verified diagnosis of primary lung cancer.)
(e) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted primary lung cancer. Such documentation will be most useful where it contains an explicit statement of diagnosis or such other information or data from which the appropriate authorities at the National Cancer Institute can make a diagnosis to a reasonable degree of medical certainty:
(1) Pathology report of tissue biopsy, including, but not limited to, specimens obtained by any of the following methods:
(i) Surgical resection;
(ii) Endoscopic endobronchial or transbronchial biopsy;
(iii) Bronchial brushings and washings;
(iv) Pleural fluid cytology;
(v) Fine needle aspirate;
(vi) Pleural biopsy; or
(vii) Sputum cytology;
(2) Autopsy report;
(3) Bronchoscopy report;
(4) One of the following summary medical reports:
(i) Physician summary report;
(ii) Hospital discharge summary report;
(iii) Operative report;
(iv) Radiation therapy summary report; or
(v) Oncology summary or consultation report;
(5) Reports of radiographic studies, including:
(i) X-rays of the chest;
(ii) Chest tomograms;
(iii) Computer-assisted tomography (CT); or
(iv) Magnetic resonance imaging (MRI); or
(6) Death certificate, provided that it is signed by a physician at the time of death.

## §79.55 Proof of nonmalignant res-

 piratory disease.(a) In determining whether a claimant developed a nonmalignant respiratory disease following pertinent employment as a miller, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A con-
clusion that a claimant developed a nonmalignant respiratory disease must be supported by medical documentation. In cases where the claimant is deceased, the claimant's beneficiary may submit any form of medical documentation specified in paragraph (d)(1) of this section, and for proof of cor pulmonale must also submit one or more forms of documentation specified in paragraph (d)(2). A living claimant must at a minimum submit the medical documentation required in paragraph (d)(3) of this section, and for proof of cor pulmonale must also submit one or more forms of documentation specified in paragraph (d)(2). In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate, review any pertinent records discovered within the sources referred to in paragraphs (b) and (c) of this section. With respect to a deceased claimant, the Program will treat as equivalent to a diagnosis of pulmonary fibrosis any diagnosis of "restrictive lung disease" made by a physician employed by the Indian Health Service.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of a nonmalignant respiratory disease.)
(c) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will,
where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a verified diagnosis of a nonmalignant respiratory disease.)
(d) (1) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted a nonmalignant respiratory disease, including pulmonary fibrosis, fibrosis of the lung, cor pulmonale related to fibrosis of the lung, silicosis, and pneumoconiosis:
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) If an x-ray exists, the x-ray and interpretive reports of the x-ray by a maximum of two NIOSH certified "B" readers classifying the existence of disease of category $1 / 0$ or higher according to a 1989 report of the International Labor Office (known as the "ILO"), or subsequent revisions;
(iv) If no x-rays exist, an x-ray report;
(v) Physician summary report;
(vi) Hospital discharge summary report;
(vii) Hospital admitting report;
(viii) Death certificate, provided that it is signed by a physician at the time of death; or
(ix) Documentation specified in paragraphs (d)(3)(i) and (d)(3)(ii) of this section.
(2) In order to demonstrate that the claimant developed cor pulmonale related to fibrosis of the lung, the claimant or beneficiary must, at a minimum, submit one or more of the following medical records:
(i) Right heart catheterization;
(ii) Cardiology summary or consultation report;
(iii) Electrocardiogram;
(iv) Echocardiogram;
(v) Physician summary report;
(vi) Hospital discharge summary report;
(vii) Autopsy report;
(viii) Report of physical examination; or
(ix) Death certificate, provided that it is signed by a physician at the time of death.
(3) Notwithstanding any other documentation provided, a living claimant must at a minimum provide the following medical documentation:
(i) Either:
(A) An arterial blood gas study administered at rest in a sitting position, or an exercise arterial blood gas test, reflecting values equal to or less than the values set forth in the tables to appendix $B$ of this part; or
(B) A written diagnosis by a physician in accordance with $\S 79.51$ (s); and
(ii) One of the following:
(A) A chest x-ray administered in accordance with standard techniques accompanied by interpretive reports of the x-ray by a maximum of two NIOSH certified "B" readers, classifying the existence of disease of category $1 / 0$ or higher according to a 1989 report of the International Labor Office (known as the "ILO") or subsequent revisions;
(B) High-resolution computed tomography scans (commonly known as "HRCT scans"), including computer-assisted tomography scans (commonly known as "CAT scans"), magnetic resonance imaging scans (commonly known as "MRI scans"), and positron emission tomography scans (commonly known as "PET scans"), and interpretive reports of such scans;
(C) Pathology reports of tissue biopsies; or
(D) Pulmonary function tests indicating restrictive lung function and consisting of three reproducible time/ volume tracings recording the results of the forced expiratory volume in one second (FEV1) and the forced vital capacity (FVC) administered and reported in accordance with the Standardization of Spirometry-1994 Update by the American Thoracic Society, and reflecting values for FEV1 or FVC that are less than or equal to the lower limit of normal for an individual of the claimant's age, sex, height, and ethnicity as set forth in the tables in appendix A to this part.
(e) The Assistant Director shall treat any documentation described in paragraph (d)(3)(i)(B) or paragraph
(d)(3)(ii)(A) of this section as conclusive evidence of the claimant's nonmalignant respiratory disease; provided, however, that the Program may subject such documentation to a fair and random audit to guarantee its authenticity and reliability for purposes of treating it as conclusive evidence; and provided further that, in order to be treated as conclusive evidence, a written diagnosis described in paragraph (d)(3)(i)(B) must be by a physician who is employed by the Indian Health Service or the Department of Veterans Affairs or who is board certified (as described in §79.51(s)), and who must have a documented, ongoing physician-patient relationship with the claimant. Notwithstanding the conclusive effect given to certain evidence, nothing in this paragraph shall be construed as relieving a living claimant of the obligation to provide the Program with the forms of documentation required under paragraph (d)(3).

## § 79.56 Proof of primary renal cancer.

(a) In determining whether a claimant developed primary renal cancer following pertinent employment as a miller, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed primary renal cancer must be supported by medical documentation. In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate, review any pertinent records discovered within the sources referred to in paragraphs (b) and (c) of this section.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary renal cancer.)
(c) If a claimant was diagnosed as having primary renal cancer in the State of Arizona, Colorado, Nevada, New Mexico, Utah, or Wyoming, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information, valid in the state of diagnosis, that authorizes the Radiation Exposure Compensation Program to contact the appropriate state cancer or tumor registry, the Program will, where appropriate, request the relevant information from that registry and will review records that it obtains from the registry. (In cases where the claimant is deceased, the Program will accept as proof of medical condition verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary renal cancer.)
(d) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a verified diagnosis of primary renal cancer.)
(e) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted primary renal cancer. Such documentation will be most useful where it contains an explicit statement of diagnosis or such other information or data from which the appropriate authorities at the National Cancer Institute can make a diagnosis to a reasonable degree of medical certainty:
(1) Pathology report of tissue biopsy or resection;
(2) Autopsy report;
(3) One of the following summary medical reports:
(i) Physician summary report;
(ii) Hospital discharge summary report;
(iii) Operative report;
(iv) Radiotherapy summary report; or
(v) Medical oncology summary or consultation report;
(4) Report of one of the following radiology examinations:
(i) Computerized tomography (CT) scan; or
(ii) Magnetic resonance imaging (MRI); or
(5) Death certificate, provided that it is signed by a physician at the time of death.

## § 79.57 Proof of chronic renal disease.

(a) In determining whether a claimant developed chronic renal disease following pertinent employment as a miller, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed chronic renal disease must be supported by medical documentation.
(b) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted chronic renal disease.
(1) Pathology report of tissue biopsy;
(2) If laboratory or radiographic tests exist:
(i) Abnormal plasma creatinine values; and
(ii) Abnormal glomerular filtration rate (by either measured creatinine or iothalamate clearance or calculated by MDRD equation); and
(iii) Renal tubular dysfunction as evidenced by:
(A) Glycosuria in the absence of diabetes mellitus;
(B) Proteinuria less than one gram daily without other known etiology; or
(C) Hyperphosphaturia aminoaciduria, B-2 microglobinuria or alkaline phosphaturia or other marker of proximal tubular injury; or
(iv) Radiographic evidence of chronic renal disease;
(3) Autopsy report;
(4) Physician summary report;
(5) Hospital discharge summary report;
(6) Hospital admitting report; or
(7) Death certificate, provided that it is signed by a physician at the time of death.

## Subpart G-Eligibility Criteria for Claims by Ore Transporters

## § 79.60 Scope of subpart.

The regulations in this subpart define the eligibility criteria for compensation under section 5 of the Act pertaining to uranium or vanadiumuranium ore transporters and the nature of evidence that will be accepted as proof that a claimant satisfies such eligibility criteria. Section 5 of the Act provides for a payment of $\$ 100,000$ to persons who contracted lung cancer, one of a limited number of nonmalignant respiratory diseases, renal cancer, or chronic renal disease, following employment for at least one year as a transporter of uranium ore or vana-dium-uranium ore from a uranium mine or uranium mill located in a specified state during the period beginning January 1, 1942, and ending December 31, 1971.

## §79.61 Definitions.

(a) Chronic renal disease means the chronic, progressive, and irreversible destruction of the nephron. It is exhibited by diminution of renal function.
(b) Cor pulmonale means heart disease, including hypertrophy of the right ventricle, due to pulmonary hypertension secondary to fibrosis of the lung.
(c) Designated time period means the period beginning on January 1, 1942, and ending on December 31, 1971.
(d) Employment as an ore transporter means employment involving the transporting or hauling of uranium ore or vanadium-uranium ore from a uranium mine or uranium mill, including the transportation or hauling of ore from an ore buying station, "upgrader," "concentrator" facility, or pilot plant by means of truck, rail or barge.
(e) Employment for at least one year means employment for a total of at
least one year ( 12 consecutive or cumulative months).
(f) Fibrosis of the lung or pulmonary fibrosis means chronic inflammation and scarring of the pulmonary interstitium and alveoli with collagen deposition and progressive thickening.
(g) Kidney tubal (tubular) tissue injury means structural or functional damage to the kidney tubules that results in renal disease and dysfunction.
(h) National Institute for Occupational Safety and Health (NIOSH) certified " $B$ " reader means a physician who is certified as such by NIOSH. A list of certified "B" readers is available from the Radiation Exposure Compensation Program upon request.
(i) Nephritis means an inflammatory process of the kidneys resulting in chronic renal dysfunction.
(j) Nonmalignant respiratory disease means fibrosis of the lung, pulmonary fibrosis, cor pulmonale related to fibrosis of the lung, silicosis, and pneumoconiosis.
(k) Pneumoconiosis means a chronic lung disease resulting from inhalation and deposition in the lung of particulate matter, and the tissue reaction to the presence of the particulate matter. For the purposes of this Act, the claimant's exposure to the particulate matter that led to the disease must have occurred during employment as an ore transporter.
(1) Primary lung cancer means any physiological condition of the lung, trachea, or bronchus that is recognized under that name or nomenclature by the National Cancer Institute. The term includes in situ lung cancers.
(m) Readily available documentation means documents in the possession, custody, or control of the claimant or an immediate family member.
(n) Primary renal cancer means any physiological condition of the kidneys that is recognized under that name or nomenclature by the National Cancer Institute.
(o) Silicosis means a pneumoconiosis due to the inhalation of the dust of stone, sand, flint or other materials containing silicon dioxide, characterized by the formation of pulmonary fibrotic changes.
(p) Specified state means Colorado, New Mexico, Arizona, Wyoming, South

Dakota, Washington, Utah, Idaho, North Dakota, Oregon, or Texas. Additional states may be included, provided:
(1) A uranium mine was operated in such state at any time during the period beginning on January 1, 1942, and ending on December 31, 1971;
(2) The state submits an application to the Assistant Director (specified in §79.70(a)) to include such state; and
(3) The Assistant Director makes a determination to include such state.
(q) Uranium mill means any milling operation involving the processing of uranium ore or vanadium-uranium ore, including carbonate plants and acid leach plants. The term applies to orebuying stations where ore was weighed and sampled prior to delivery to a mill for processing; "upgrader" or "concentrator" facilities located at the mill or at a remote location where uranium or vanadium-uranium ore was processed prior to delivery to a mill; and pilot plants where uranium ore or vanadiumuranium ore was processed.
(r) Uranium mine means any underground excavation, including "dog holes," as well as open-pit, strip, rim, surface, or other aboveground mines, where uranium ore or vanadium-uranium ore was mined or otherwise extracted.
(s) Written diagnosis by a physician means a written determination of the nature of a disease made from a study of the signs and symptoms of a disease that is based on a physical examination of the patient, medical imaging or a chemical, microscopic, microbiologic, immunologic, or pathologic study of physiologic and functional tests, secretions, discharges, blood, or tissue. For purposes of satisfying the requirement of a "written diagnosis by a physician" for living claimants specified in $\S 79.65$, a physician submitting a written diagnosis of a nonmalignant respiratory disease must be employed by the Indian Health Service or the Department of Veterans Affairs or be board certified, and must have a documented, ongoing physician-patient relationship with the claimant. An "ongoing physician-patient relationship" can include referrals made to specialists from a primary care provider for purposes of diagnosis or treatment.
"Board certification" requires, in addition to physician licensing, the successful completion of a residency training program and passage of a Board exam in a relevant field or specialty. Relevant specialties include: family practice, internal medicine, pathology, preventive medicine, radiology, surgery, and thoracic surgery (and including subspecialties such as cardiovascular disease, medical oncology, pulmonary disease) as listed by the American Board of Medical Specialties.

## §79.62 Criteria for eligibility for claims by ore transporters.

To establish eligibility for compensation under this subpart, a claimant or eligible surviving beneficiary of a claimant must establish each of the following:
(a) The claimant was employed as an ore transporter in a specified state;
(b) The claimant was so employed for at least one year ( 12 consecutive or cumulative months) during the period beginning on January 1, 1942, and ending on December 31, 1971; and
(c) The claimant contracted primary lung cancer, a nonmalignant respiratory disease, primary renal cancer, or chronic renal disease (including nephritis and kidney tubal tissue injury) following at least one year of such employment.

## $\S 79.63$ Proof of employment as an ore transporter.

(a) The Department will accept, as proof of employment for the time period indicated, information contained in any of the following records:
(1) Records created by or gathered by the Public Health Service (PHS) in the course of any health studies of uranium workers during or including the period 1942-1990;
(2) Records of a uranium worker census performed by the PHS at various times during the period 1942-1990;
(3) Records of the Atomic Energy Commission (AEC), or any of its successor agencies; and
(4) Records of federally supported, health-related studies of uranium workers.
(b) The employment history for the time period indicated in such records will be presumed to be correct. If the
claimant or eligible surviving beneficiary wishes to contest the accuracy of such records, then the claimant or eligible surviving beneficiary may provide one or more of the records identified in paragraph (c) of this section, and the Assistant Director will determine whether the employment history indicated in the records listed in paragraph (a) of this section is correct.
(c) If the sources in paragraph (a) of this section do not contain information regarding the claimant's ore transporting employment history, do not contain sufficient information to establish employment for at least one year as an ore transporter during the specified time period to qualify under $\S 79.62$ (b), or if a claimant or eligible surviving beneficiary wishes to contest the accuracy of such records, then the claimant or eligible surviving beneficiary may submit records from any of the following sources, which the Assistant Director shall consider (in addition to any sources listed in paragraph (a) of this section) in order to determine whether the claimant has established the requisite employment history:
(1) Records of any of the specified states, including records of state regulatory agencies, containing information on uranium ore transporters and ore-transporting companies;
(2) Records of any business entity that owned or operated an ore-transporting company, or its successor-ininterest;
(3) Records of the Social Security Administration reflecting the identity of the employer, the years and quarters of employment, and the wages received during each quarter;
(4) Federal or state income tax records that contain relevant statements regarding the claimant's employer and wages;
(5) Records containing factual findings by any governmental judicial body, state worker's compensation board, or any governmental administrative body adjudicating the claimant's rights to any type of benefits (which will be accepted only to prove the fact of and duration of employment as an ore transporter);
(6) Statements in medical records created during the period 1942-1971 indicating or identifying the claimant's employer and occupation;
(7) Records of an academic or scholarly study, not conducted in anticipation of or in connection with any litigation, and completed prior to 1990; or
(8) Any other contemporaneous record that indicates or identifies the claimant's occupation or employer.
(d) To the extent that the documents submitted from the sources identified in this section do not so indicate, the claimant or eligible surviving beneficiary must set forth under oath on the standard claim form the following information, if known:
(1) The name or other identifying symbol of each employer for which the claimant worked during the time period identified in the documents;
(2) The name of each mine or mill from which uranium or uranium-vanadium ore was transported;
(3) The county and state in which each mine or mill was located;
(4) The actual time period the claimant worked as an ore transporter; and
(5) The method of transportation used to transport the ore.
(e) The Program may, for the purpose of verifying information submitted pursuant to this section, require the claimant or any eligible surviving beneficiary to provide an authorization to release any record identified in this section, in accordance with the provisions of §79.72(c).
(f) In determining whether a claimant satisfies the employment criteria of the Act, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. If the Assistant Director concludes that the claimant has not satisfied the employment requirements of the Act, the claimant or eligible surviving beneficiary will be notified and afforded the opportunity, in accordance with the provisions of $\S 79.72$ (c), to submit additional records to establish that the statutory employment criteria are satisfied.

## § 79.64 Proof of primary lung cancer.

(a) In determining whether a claimant developed primary lung cancer following pertinent employment as an ore transporter, the Assistant Director
shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed primary lung cancer must be supported by medical documentation. To prove that a claimant developed primary lung cancer, the claimant or beneficiary may submit any form of medical documentation specified in paragraph (e) of this section. In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate, review any pertinent records discovered within the sources identified in paragraphs (b), (c), and (d) of this section.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary lung cancer.)
(c) If a claimant was diagnosed as having primary lung cancer in Arizona, Colorado, Nevada, New Mexico, Utah or Wyoming, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information, valid in the state of diagnosis, that authorizes the Radiation Exposure Compensation Program to contact the appropriate state cancer or tumor registry, the Program will, where appropriate, request the relevant information from that registry and will review records that it obtains from the registry. (In cases where the claimant is deceased, the Program will accept as proof of medical condition verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary lung cancer.)
(d) If medical records regarding the claimant were gathered during the course of any federally supported,
health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a verified diagnosis of primary lung cancer.)
(e) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted lung cancer. Such documentation will be most useful where it contains an explicit statement of diagnosis or such other information or data from which the appropriate authorities at the National Cancer Institute can make a diagnosis to a reasonable degree of medical certainty:
(1) Pathology report of tissue biopsy, including, but not limited to, specimens obtained by any of the following methods:
(i) Surgical resection;
(ii) Endoscopic endobronchial or transbronchial biopsy;
(iii) Bronchial brushings and washings;
(iv) Pleural fluid cytology;
(v) Fine needle aspirate;
(vi) Pleural biopsy; or
(vii) Sputum cytology;
(2) Autopsy report;
(3) Bronchoscopy report;
(4) One of the following summary medical reports:
(i) Physician summary report;
(ii) Hospital discharge summary report;
(iii) Operative report;
(iv) Radiation therapy summary report; or
(v) Oncology summary or consultation report;
(5) Reports of radiographic studies, including:
(i) X-rays of the chest;
(ii) Chest tomograms;
(iii) Computer-assisted tomography (CT); or
(iv) Magnetic resonance imaging (MRI); or
(6) Death certificate, provided that it is signed by a physician at the time of death.

## §79.65 Proof of nonmalignant respiratory disease.

(a) In determining whether a claimant developed a nonmalignant respiratory disease following pertinent employment as an ore transporter, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed a nonmalignant respiratory disease must be supported by medical documentation. In cases where the claimant is deceased, the claimant's beneficiary may submit any form of medical documentation specified in paragraph (d)(1) of this section, and for proof of cor pulmonale must also submit one or more forms of documentation specified in paragraph (d)(2). A living claimant must at a minimum submit the medical documentation required in paragraph (d)(3) of this section, and for proof of cor pulmonale must also submit one or more forms of documentation specified in paragraph (d)(2). In all cases, the Program will review submitted medical documentation, and will, in addition and where appropriate, review any pertinent records discovered within the sources referred to in paragraphs (b) and (c) of this section. With respect to a deceased claimant, the Program will treat as equivalent to a diagnosis of pulmonary fibrosis any diagnosis of "restrictive lung disease" made by a physician employed by the Indian Health Service.
(b) Where appropriate, the Radiation Exposure Compensation Program will search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of
the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of a nonmalignant respiratory disease.)
(c) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a verified diagnosis of a nonmalignant respiratory disease.)
(d)(1) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted a nonmalignant respiratory disease, including pulmonary fibrosis, fibrosis of the lung, cor pulmonale related to fibrosis of the lung, silicosis and pneumoconiosis:
(i) Pathology report of tissue biopsy;
(ii) Autopsy report;
(iii) If an x-ray exists, the x-ray and interpretive reports of the x-ray by a maximum of two NIOSH certified "B" readers classifying the existence of disease of category $1 / 0$ or higher according to a 1989 report of the International Labor Office (known as the "ILO"), or subsequent revisions;
(iv) If no x-rays exist, an x-ray report;
(v) Physician summary report;
(vi) Hospital discharge summary report;
(vii) Hospital admitting report;
(viii) Death certificate, provided that it is signed by a physician at the time of death; or
(ix) Documentation specified in paragraphs (d)(3)(i) and (d)(3)(ii) of this section.
(2) In order to demonstrate that the claimant developed cor pulmonale related to fibrosis of the lung, the claimant or beneficiary must, at a minimum, submit one or more of the following medical records:
(i) Right heart catheterization;
(ii) Cardiology summary or consultation report;
(iii) Electrocardiogram;
(iv) Echocardiogram;
(v) Physician summary report;
(vi) Hospital discharge summary report;
(vii) Autopsy report;
(viii) Report of physical examination; or
(ix) Death certificate, provided that it is signed by a physician at the time of death.
(3) Notwithstanding any other documentation provided, a living claimant must at a minimum provide the following medical documentation:
(i) Either:
(A) An arterial blood gas study administered at rest in a sitting position, or an exercise arterial blood gas test, reflecting values equal to or less than the values set forth in the tables in appendix B to this part; or
(B) A written diagnosis by a physician in accordance with $\S 79.61$ (s); and
(ii) One of the following:
(A) A chest x-ray administered in accordance with standard techniques accompanied by interpretive reports of the x-ray by a maximum of two NIOSH certified "B" readers, classifying the existence of disease of category $1 / 0$ or higher according to a 1989 report of the International Labor Office (known as the "ILO"), or subsequent revisions;
(B) High-resolution computed tomography scans (commonly known as "HRCT scans"), including computer-assisted tomography scans (commonly known as "CAT scans"), magnetic resonance imaging scans (commonly known as "MRI scans"), and positron emission tomography scans (commonly known as "PET scans"), and interpretive reports of such scans;
(C) Pathology reports of tissue biopsies; or
(D) Pulmonary function tests indicating restrictive lung function and consisting of three reproducible time/ volume tracings recording the results
of the forced expiratory volume in one second (FEV1) and the forced vital capacity (FVC) administered and reported in accordance with the Standardization of Spirometry-1994 Update by the American Thoracic Society, and reflecting values for FEV1 or FVC that are less than or equal to the lower limit of normal for an individual of the claimant's age, sex, height, and ethnicity as set forth in the tables in appendix A to this part.
(e) The Assistant Director shall treat any documentation described in paragraph $(\mathrm{d})(3)(\mathrm{i})(\mathrm{B})$ or paragraph (d)(3)(ii)(A) of this section as conclusive evidence of the claimant's nonmalignant respiratory disease; provided, however, that the Program may subject such documentation to a fair and random audit to guarantee its authenticity and reliability for purposes of treating it as conclusive evidence; and provided further that, in order to be treated as conclusive evidence, a written diagnosis described in paragraph (d)(3)(i)(B) must be by a physician who is employed by the Indian Health Service or the Department of Veterans Affairs or who is board certified (as described in §79.61(s)), and who must have a documented, ongoing physician-patient relationship with the claimant. Notwithstanding the conclusive effect given to certain evidence, nothing in this paragraph shall be construed as relieving a living claimant of the obligation to provide the Program with the forms of documentation required under paragraph (d)(3).

## § 79.66 Proof of primary renal cancer.

(a) In determining whether a claimant developed primary renal cancer following pertinent employment as an ore transporter, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed primary renal cancer must be supported by medical documentation. In all cases, the Program will review submitted medical documentation, and, in addition and where appropriate, will review any pertinent records discovered within the sources referred to in paragraphs (b) and (c) of this section.
(b) Where appropriate, the Radiation Exposure Compensation Program will
search the records of the PHS (including NIOSH), created or gathered during the course of any health study of uranium workers conducted or being conducted by these agencies, to determine whether those records contain proof of the claimant's medical condition. (In cases where the claimant is deceased, the Program will accept as proof of medical condition the verification of the PHS or NIOSH that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary renal cancer.)
(c) If a claimant was diagnosed as having primary renal cancer in Arizona, Colorado, Nevada, New Mexico, Utah or Wyoming, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information, valid in the state of diagnosis, that authorizes the Radiation Exposure Compensation Program to contact the appropriate state cancer or tumor registry, the Program will, where appropriate, request the relevant information from that registry and will review records that it obtains from the registry. (In cases where the claimant is deceased, the Program will accept as proof of medical condition verification from the state cancer or tumor registry that it possesses medical records or abstracts of medical records of the claimant that contain a verified diagnosis of primary renal cancer.)
(d) If medical records regarding the claimant were gathered during the course of any federally supported, health-related study of uranium workers, and the claimant or eligible surviving beneficiary submits with the claim an Authorization To Release Medical or Other Information that authorizes the Program to contact the custodian of the records of the study to determine if proof of the claimant's medical condition is contained in the records of the study, the Program will, where appropriate, request such records from that custodian and will review records that it obtains from the custodian. (In cases where the claimant is deceased, the Program will accept as proof of the claimant's medical condition such medical records or abstracts of medical records containing a
verified diagnosis of primary renal cancer.)
(e) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted primary renal cancer. Such documentation will be most useful where it contains an explicit statement of diagnosis or such other information or data from which the appropriate authorities at the National Cancer Institute can make a diagnosis to a reasonable degree of medical certainty:
(1) Pathology report of tissue biopsy or resection;
(2) Autopsy report;
(3) One of the following summary medical reports:
(i) Physician summary report;
(ii) Hospital discharge summary report;
(iii) Operative report;
(iv) Radiotherapy summary report; or
(v) Medical oncology summary or consultation report;
(4) Report of one of the following radiology examinations:
(i) Computerized tomography (CT) scan;
(ii) Magnetic resonance imaging (MRI); or
(5) Death certificate, provided that it is signed by a physician at the time of death.

## § 79.67 Proof of chronic renal disease.

(a) In determining whether a claimant developed chronic renal disease following pertinent employment as an ore transporter, the Assistant Director shall resolve all reasonable doubt in favor of the claimant. A conclusion that a claimant developed chronic renal disease must be supported by medical documentation.
(b) A claimant or beneficiary may submit any of the following forms of medical documentation in support of a claim that the claimant contracted chronic renal disease.
(1) Pathology report of tissue biopsy;
(2) If laboratory or radiographic tests exist:
(i) Abnormal plasma creatinine values;
(ii) Abnormal glomerular filtration rate (by either measured creatinine or
iothalamate clearance or calculated by MDRD equation); and
(iii) Renal tubular dysfunction as evidenced by:
(A) Glycosuria in the absence of diabetes mellitus;
(B) Proteinuria less than one gram daily without other known etiology; or
(C) Hyperphosphaturia, aminoaciduria, B-2 microglobinuria or alkaline phosphaturia or other marker of proximal tubular injury; or
(iv) Radiographic evidence of chronic renal disease;
(3) Autopsy report;
(4) Physician summary report;
(5) Hospital discharge summary report;
(6) Hospital admitting report; or
(7) Death certificate, provided that it is signed by a physician at the time of death.

## Subpart H—Procedures

## §79.70 Attorney General's delegation of authority.

(a) An Assistant Director within the Constitutional and Specialized Torts Staff, Torts Branch, Civil Division, shall be assigned to manage the Radiation Exposure Compensation Program and issue a decision on each claim filed under the Act, and otherwise act on behalf of the Attorney General in all other matters relating to the administration of the Program, except for rulemaking authority. The Assistant Director may delegate any of his or her responsibilities under the regulations in this part to an attorney working under the supervision of the Assistant Director.
(b) The Assistant Attorney General, Civil Division, shall designate an Appeals Officer to act on appeals from the Assistant Director's decisions.

## § 79.71 Filing of claims.

(a) All claims for compensation under the Act must be in writing and submitted on a standard claim form designated by the Assistant Director for the filing of compensation claims. Except as specifically provided in this part, the claimant or eligible surviving beneficiary must furnish the medical documentation required by this part with his or her standard form. Except
as specifically provided in this part, the claimant or eligible surviving beneficiary must also provide with the standard form any records establishing the claimant's physical presence in an affected area, onsite participation, employment in a uranium mine or mill, or employment as an ore transporter, in accordance with this part. The standard claim form must be completed, signed under oath either by a person eligible to file a claim under the Act or by that person's legal guardian, and mailed with supporting documentation to the following address: Radiation Exposure Compensation Program, U.S. Department of Justice, P.O. Box 146, Ben Franklin Station, Washington, DC 20044-0146. Copies of the standard form, as well as the regulations, guidelines, and other information, may be obtained by requesting the document or publications from the Assistant Director at that address or by accessing the Program's Web site at http:// www.usdoj.gov/civil/reca.
(b) The Assistant Director will file a claim after receipt of the standard form with supporting documentation and examination for substantial compliance with this part. The date of filing shall be recorded by a stamp on the face of the standard form. The Assistant Director shall file only claims that substantially comply with paragraph (a) of this section. If a claim substantially fails to comply with paragraph (a), the Assistant Director shall promptly return the claim unfiled to the sender with a statement identifying the reason(s) why the claim does not comply with this part. The sender may return the claim to the Assistant Director after correcting the deficiencies. For those cases that are filed, the Assistant Director shall promptly acknowledge receipt of the claim with a letter identifying the number assigned to the claim, the date the claim was filed, and the period within which the Assistant Director must act on the claim.
(c) The following persons or their legal guardians are eligible to file claims for compensation under the Act in the following order:
(1) The claimant;
(2) If the claimant is deceased, the spouse of the claimant, provided that
he or she was married to the claimant for at least one year immediately prior to the claimant's death;
(3) If there is no surviving spouse or if the spouse is ineligible because he or she was not married to the claimant for at least one year immediately prior to the claimant's death, a child of the claimant;
(4) If there is no eligible surviving spouse and no child, a parent of the claimant;
(5) If there is no eligible surviving spouse and no child or parent, a grandchild of the claimant; or
(6) If there is no eligible surviving spouse and no child, parent or grandchild, a grandparent of the claimant.
(7) Only the beneficiaries listed in this paragraph (c) are eligible to file a claim on behalf of the claimant.
(d) The identity of the claimant must be established by submitting a birth certificate or one of the other documents identified in §79.14(a) when the person has no birth certificate. Additionally, documentation demonstrating any and all name changes must be provided.
(e)(1) The spouse of a claimant must establish his or her eligibility to file a claim by furnishing:
(i) His or her birth certificate and, if applicable, documentation demonstrating any and all name changes;
(ii) The birth and death certificates of the claimant;
(iii) One of the following documents to establish a marriage to the claimant:
(A) The public record of marriage;
(B) A certificate of marriage;
(C) The religious record of marriage; or
(D) A judicial or other governmental determination that a valid marriage existed, such as the final opinion or order of a probate court or a determination of the Social Security Administration that the person filing the claim is the spouse of the decedent;
(iv) A death certificate or divorce decree for each spouse of the claimant (if applicable); and
(v) An affidavit (or declaration under oath on the standard claim form) stating that the spouse was married to the claimant for at least one year immediately prior to the claimant's death.
(2) If the spouse is a member of an Indian Tribe, he or she need not provide any of the documents listed in paragraph (e)(1) of this section at the time the claim is filed (although these records may later be required), but should instead furnish a signed release of private information that the Assistant Director will use to obtain a statement of verification of all of the information listed in paragraph (e)(1) directly from the tribal records custodian. In identifying those individuals eligible to receive compensation by virtue of marriage, relationship, or survivorship, the Assistant Director shall, to the maximum extent practicable, take into consideration and give effect to established law, tradition, and custom of the particular affected Indian Tribe.
(f)(1) A child of a claimant must establish his or her eligibility to file a claim by furnishing:
(i) His or her birth certificate and, if applicable, documentation demonstrating any and all name changes;
(ii) The birth and death certificates of the claimant;
(iii) One of the documents listed in paragraph (e)(1)(iii) of this section to establish each marriage of the claimant (if applicable);
(iv) A death certificate or divorce decree for each spouse of the claimant (if applicable);
(v) A death certificate for each of the other children of the claimant (if applicable);
(vi) An affidavit (or declaration under oath on the standard claim form) stating the following:
(A) That the claimant was never married, or, if the claimant was ever married, the name of each spouse, the date each marriage began and ended, and the date and place of divorce or death of the last spouse of the claimant; and
(B) That the claimant had no other children, or, if the claimant did have other children, the name of each child, the date and place of birth of each child, and the date and place of death or current address of each child; and
(vii) One of the following:
(A) In the case of a natural child, a birth certificate showing that the claimant was the child's parent, or a
judicial decree identifying the claimant as the child's parent;
(B) In the case of an adopted child, the judicial decree of adoption; or
(C) In the case of a stepchild, evidence of birth to the spouse of the claimant as outlined in paragraph (f)(1)(vii) of this section, and records reflecting that the stepchild lived with the claimant in a regular parent-child relationship.
(2) If the child is a member of an Indian Tribe, he or she need not provide any of the documents listed in paragraph (f)(1) of this section at the time the claim is filed (although these records may later be required), but should instead furnish a signed release of private information that the Assistant Director will use to obtain a statement of verification of all of the information listed in paragraph (f)(1) directly from the tribal records custodian. In identifying those individuals eligible to receive compensation by virtue of survivorship, the Assistant Director shall, to the maximum extent practicable, take into consideration and give effect to established law, tradition, and custom of the particular affected Indian Tribe.
(g)(1) A parent of a claimant must establish his or her eligibility to file a claim by furnishing:
(i) His or her birth certificate and, if applicable, documentation demonstrating any and all name changes;
(ii) The birth and death certificates of the claimant;
(iii) One of the documents listed in paragraph (e)(1)(iii) of this section to establish each marriage of the claimant (if applicable);
(iv) A death certificate or divorce decree for each spouse of the claimant (if applicable);
(v) A death certificate for each child of the claimant (if applicable);
(vi) A death certificate for the other parent(s) (if applicable);
(vii) An affidavit (or declaration under oath on the standard claim form) stating the following:
(A) That the claimant was never married, or, if the claimant was ever married, the name of each spouse, the date each marriage began and ended, and the date and place of divorce or
death of the last spouse of the claimant;
(B) That the claimant had no children, or, if the claimant did have children, the name of each child, the date and place of birth of each child, and the date and place of death of each child; and
(C) The name and address, or date and place of death, of the other parent(s) of the claimant; and
(viii) One of the following:
(A) In the case of a natural parent, a birth certificate showing that the claimant was the parent's child, or a judicial decree identifying the claimant as the parent's child; or
(B) In the case of an adoptive parent, the judicial decree of adoption.
(2) If the parent is a member of an Indian Tribe, he or she need not provide any of the documents listed in paragraph $(\mathrm{g})(1)$ of this section at the time the claim is filed (although these records may later be required), but should instead furnish a signed release of private information that the Assistant Director will use to obtain a statement of verification of all of the information listed in paragraph (g)(1) directly from the tribal records custodian. In identifying those individuals eligible to receive compensation by virtue of survivorship, the Assistant Director shall, to the maximum extent practicable, take into consideration and give effect to established law, tradition, and custom of the particular affected Indian Tribe.
(h)(1) A grandchild of a claimant must establish his or her eligibility to file a claim by furnishing:
(i) His or her birth certificate and, if applicable, documentation demonstrating any and all name changes;
(ii) The birth and death certificates of the claimant;
(iii) One of the documents listed in paragraph (e)(1)(iii) of this section to establish each marriage of the claimant (if applicable);
(iv) A death certificate or divorce decree for each spouse of the claimant (if applicable);
(v) A death certificate for each child of the claimant;
(vi) A death certificate for each parent of the claimant;
(vii) A death certificate for each of the other grandchildren of the claimant (if applicable);
(viii) An affidavit (or declaration under oath on the standard claim form) stating the following:
(A) That the claimant was never married, or, if the claimant was ever married, the name of each spouse, the date each marriage began and ended, and the date and place of divorce or death of the last spouse of the claimant;
(B) The name of each child, the date and place of birth of each child, and the date and place of death of each child;
(C) The names of each parent of the claimant together with the dates and places of death of each parent; and
(D) That the claimant had no other grandchildren, or, if the claimant did have other grandchildren, the name of each grandchild, the date and place of birth of each grandchild, and the date and place of death or current address of each grandchild; and
(ix) One of the following:
(A) In the case of a natural grandchild, a combination of birth certificates showing that the claimant was the grandchild's grandparent;
(B) In the case of an adopted grandchild, a combination of judicial records and birth certificates showing that the claimant was the grandchild's grandparent; or
(C) In the case of a stepgrandchild, evidence of birth to the spouse of the child of the claimant, as outlined in this paragraph (h)(1), and records reflecting that the stepchild lived with a child of the claimant in a regular par-ent-child relationship; or evidence of birth to the spouse of the stepchild of the claimant or the stepchild of the claimant, as outlined in this paragraph (h)(1), and records reflecting that the stepchild of the claimant lived with the claimant in a regular parent-child relationship.
(2) If the grandchild is a member of an Indian Tribe, he or she need not provide any of the documents listed in paragraph (h)(1) of this section at the time the claim is filed (although these records may later be required), but should instead furnish a signed release
of private information that the Assistant Director will use to obtain a statement of verification of all of the information listed in paragraph (h)(1) directly from the tribal records custodian. In identifying those individuals eligible to receive compensation by virtue of survivorship, the Assistant Director shall, to the maximum extent practicable, take into consideration and give effect to established law, tradition, and custom of the particular affected Indian Tribe.
(i)(1) A grandparent of the claimant must establish his or her eligibility to file a claim by furnishing:
(i) His or her birth certificate and, if applicable, documentation demonstrating any and all name changes;
(ii) The birth and death certificates of the claimant;
(iii) One of the documents listed in paragraph (e)(1)(iii) of this section to establish each marriage of the claimant (if applicable);
(iv) A death certificate or divorce decree for each spouse of the claimant (if applicable);
(v) A death certificate for each child of the claimant (if applicable);
(vi) A death certificate for each parent of the claimant;
(vii) A death certificate for each grandchild of the claimant (if applicable);
(viii) A death certificate for each of the other grandparents of the claimant (if applicable);
(ix) An affidavit stating the following:
(A) That the claimant was never married, or if the claimant was ever married, the name of each spouse, the date each marriage began and ended, and the date and place of divorce or death of the last spouse of the claimant;
(B) That the claimant had no children, or, if the claimant did have children, the name of each child, the date and place of birth of each child, and the date and place of death of each child;
(C) The names of each parent of the claimant together with the dates and places of death of each parent;
(D) That the claimant had no grandchildren, or, if the claimant did have grandchildren, the name of each grandchild, the date and place of birth of
each grandchild, and the date and place of death of each grandchild; and
(E) The names of all other grandparents of the claimant together with the dates and places of birth of each grandparent, and the dates and places of death of each other grandparent or the current address of each other grandparent; and
(x) One of the following:
(A) In the case of a natural grandparent, a combination of birth certificates showing that the claimant was the grandparent's grandchild;
(B) In the case of an adoptive grandparent, a combination of judicial records and birth certificates showing that the claimant was the grandparent's grandchild.
(2) If the grandparent is a member of an Indian Tribe, he or she need not provide any of the documents listed in paragraph (i)(1) of this section at the time the claim is filed (although these records may later be required), but should instead furnish a signed release of private information that the Assistant Director will use to obtain a statement of verification of all of the information listed in paragraph (i)(1) directly from the tribal records custodian. In identifying those individuals eligible to receive compensation by virtue of survivorship, the Assistant Director shall, to the maximum extent practicable, take into consideration and give effect to established law, tradition, and custom of the particular affected Indian Tribe.
(j) A claim that was filed and denied may be filed again in those cases where the claimant or eligible surviving beneficiary obtains documentation that he or she did not possess when the claim was filed previously and that redresses the deficiency for which the claim was denied, including, where applicable, documentation addressing:
(1) An injury specified in the Act;
(2) Residency in the affected area;
(3) Onsite participation in a nuclear test;
(4) Exposure to 40 WLMs of radiation while employed in a uranium mine or mines during the designated time period;
(5) Employment for one year (12 consecutive or cumulative months) as a miner, miller or ore transporter; or
(6) The identity of the claimant and/ or the eligible surviving beneficiary.
(k) A claimant or eligible surviving beneficiary may not refile a claim more than three times. Claims filed prior to July 10, 2000, will not be included in determining the number of claims filed.

## §79.72 Review and resolution of claims.

(a) Initial review. The Assistant Director shall conduct an initial review of each claim that has been filed to determine whether:
(1) The person submitting the claim represents that he or she is an eligible surviving beneficiary in those cases where the claimant is deceased;
(2) The medical condition identified in the claim is a disease specified in the Act for which the claimant or eligible surviving beneficiary could recover compensation;
(3) For claims submitted under subparts $B$ and $C$ of this part, as relevant, the period and place of physical presence set forth in the claim falls within the designated time period and affected areas identified in §79.11;
(4) For claims submitted under subparts B and D of this part, as relevant, the place and period of onsite participation set forth in the claim falls within the places and times set forth in $\S 79.11$ and §79.31; and
(5) For claims submitted under subparts E, F, and G of this part, the period and place of uranium mining, mill working or ore transporting set forth in the claim falls within the designated time period and specified states identified in $\S \S 79.41,79.51$, and 79.61. If the Assistant Director determines from the initial review that any one of the applicable criteria is not met, or that any other criterion of this part is not met, the Assistant Director shall so advise the claimant or eligible surviving beneficiary in writing, setting forth the reasons for the determination, and allow the claimant or eligible surviving beneficiary 60-days from the date of such notification to correct any deficiency in the claim. If the claimant or eligible surviving beneficiary fails adequately to correct the deficiencies within the 60-day period, the Assistant

Director shall, without further review, issue a Decision denying the claim.
(b) Review of medical documentation. The Assistant Director will examine the medical documentation submitted in support of the claim and determine whether it satisfies the criteria for eligibility established by the Act and this part. The Assistant Director may, for the purpose of verifying eligibility, require the claimant or eligible surviving beneficiary to provide an authorization to release any medical record identified in this part. If the Assistant Director determines that the documentation does not satisfy the criteria for eligibility established by the Act and this part, the Assistant Director shall so advise the claimant or eligible surviving beneficiary in writing, setting forth the reason(s) for the determination, and shall allow the claimant or eligible beneficiary 60 days from the date of notification, or such greater period as the Assistant Director permits, to furnish additional medical documentation that meets the requirements of the Act and this part. Where appropriate, the Assistant Director may require the claimant or eligible surviving beneficiary to provide an authorization to release additional records. If the claimant or eligible beneficiary fails, within 60 days or the greater period approved by the Assistant Director, to provide sufficient medical documentation or a valid release when requested by the Assistant Director, then the Assistant Director shall, without further review, issue a Decision denying the claim.
(c) Review of the records. The Assistant Director will examine the other records submitted in support of the claim to prove those matters set forth in all other sections of the Act and this part, and will determine whether such records satisfy all other criteria for eligibility. For the purposes of verifying such eligibility, the Assistant Director may require the claimant or eligible surviving beneficiary to provide an authorization to release any record identified in this part. If the Assistant Director determines that the records do not satisfy the criteria for eligibility established by the Act and this part, the Assistant Director shall so advise
the claimant or eligible surviving beneficiary in writing, setting forth the reasons for the determination, and shall provide the claimant or eligible surviving beneficiary 60 days from the date of notification, or such greater period as the Assistant Director permits, to furnish additional records to satisfy the requirements of the Act and this part. Where appropriate, the Assistant Director may require the claimant or eligible surviving beneficiary to provide an authorization to release additional records as an alternative to, or in addition to, the claimant or eligible beneficiary furnishing such additional records. If the claimant or eligible beneficiary fails within 60 days or the greater period approved by the Assistant Director, to provide sufficient records or a valid release when requested by the Assistant Director, then the Assistant Director shall, without further review, issue a Decision denying the claim.
(d) Decision. The Assistant Director shall review each claim and issue a written Decision on each claim within 12 months of the date the claim was filed. The Assistant Director may request from any claimant, or from any individual or entity on behalf of the claimant, any relevant additional information or documentation necessary to complete the determination of eligibility under paragraphs (a), (b), or (c) of this section. The period beginning on the date on which the Assistant Director makes a request for such additional information or documentation and ending on the date on which the claimant or individual or entity acting on behalf of the claimant submits that information or documentation (or informs the Assistant Director that it is not possible to provide that information or that the claimant or individual or entity will not provide that information) shall not apply to the $12-$ month period. Any Decision denying a claim shall set forth reason(s) for the denial, shall indicate that the Decision of the Assistant Director may be appealed to the Assistant Attorney General, Civil Division, in writing within 60 days of the date of the Decision, or such greater period as may be permitted by the Assistant Attorney General, Civil Divi-
sion, and shall identify the address to which the appeal should be sent.

## § 79.73 Appeals procedures.

(a) An appeal must be in writing and must be received by the Radiation Exposure Compensation Program within 60 days of the date of the Decision denying the claim, unless a greater period has been permitted. Appeals must be sent to the following address: Radiation Exposure Compensation Program, Appeal of Decision, U.S. Department of Justice, P.O. Box 146, Ben Franklin Station, Washington, DC 20044-0146.
(b) The claimant or eligible surviving beneficiary must set forth in the appeal the reason(s) why he or she believes that the Decision of the Assistant Director is incorrect.
(c) Upon receipt of an appeal, the Radiation Exposure Compensation Program shall forward the appeal, the Decision, the claim, and all supporting documentation to the Appeals Officer for action on the appeal. If the appeal is not received within the 60-day period, or such greater period as may be permitted, the appeal may be denied without further review.
(d) The Appeals Officer shall review any appeal and other information forwarded by the Program. Within 90 days after the receipt of an appeal, the Appeals Officer shall issue a Memorandum either affirming or reversing the Assistant Director's Decision or, when appropriate, remanding the claim to the Assistant Director for further action. The Memorandum shall include a statement of the reason(s) for such reversal, affirmance, or remand. The Memorandum and all papers relating to the claim shall be returned to the Radiation Exposure Compensation Program, which shall promptly inform the claimant or eligible surviving beneficiary of the action of the Appeals Officer. A Memorandum affirming or reversing the Assistant Director's Decision shall be deemed to be the final action of the Department of Justice on the claim.
(e) Before seeking judicial review of a decision denying a claim under the Act, an individual must first seek review by the designated Appeals Officer.

Once the appeals procedures are completed, an individual whose claim for compensation under the Act is affirmed on appeal may seek judicial review in a district court of the United States.

## § 79.74 Representatives and attorney's

 fees.(a) Representation. In submitting and presenting a claim to the Program, a claimant or beneficiary may, but need not, be represented by an attorney or by a representative of an Indian Tribe or tribal organization. Non-attorneys (other than representatives of an Indian Tribe or tribal organization) are not permitted to represent claimants or beneficiaries before the Program. To the extent that resources are available, the Assistant Director will provide assistance to all persons who file claims for compensation. Only qualified attorneys, as described in paragraph (c) of this section, may receive from a claimant or beneficiary any fee in connection with a successful claim.
(b) Fees. (1) Notwithstanding any contract, the attorney of a claimant or beneficiary, along with any assistants or experts retained by the attorney on behalf of the claimant or beneficiary, may not receive from a claimant or beneficiary any fee for services rendered in connection with an unsuccessful claim. The attorney of a claimant or beneficiary may recover costs incurred in connection with an unsuccessful claim.
(2) Notwithstanding any contract and except as provided in paragraph (b)(3) of this section, the attorney of a claimant or beneficiary, along with any assistants or experts retained by the attorney on behalf of the claimant or beneficiary, may receive from a claimant or beneficiary no more than $2 \%$ of the total award for all services rendered in connection with a successful claim, exclusive of costs.
(3)(i) If an attorney entered into a contract with the claimant or beneficiary for services before July 10, 2000, with respect to a particular claim, then that attorney may receive up to $10 \%$ of the total award for services rendered in connection with a successful claim, exclusive of costs.
(ii) If an attorney resubmits a previously denied claim, then that attor-
ney may receive up to $10 \%$ of the total award to the claimant or beneficiary for services rendered in connection with that subsequently successful claim, exclusive of costs. Resubmission of a previously denied claim includes only those claims that were previously denied and refiled under the Act.
(4) Any violation of paragraph (b) of this section shall result in a fine of not more than $\$ 5,000$.
(c) Attorney qualifications. An attorney may not represent a claimant or beneficiary unless the attorney is engaged in the private practice of law and an active member in good standing of the bar of the highest court of a state. Attorneys who are members of multiple state bars, and who are suspended, sanctioned, disbarred, or disqualified from the practice of law for professional misconduct in one state may not represent a claimant or beneficiary even though the attorney continues to remain in good standing of the bar of another state. If a claimant or beneficiary is represented by an attorney, then the attorney must submit the following documents to the Program along with the claim:
(1) A statement of the attorney's active membership in good standing of the bar of the highest court of a state; and
(2) A signed representation agreement, retainer agreement, fee agreement, or contract, documenting the attorney's authorization to represent the claimant or beneficiary. The document must acknowledge that the Act's fee limitations are satisfied.
[Order No. 2711-2004, 69 FR 13634, Mar. 23, 2004, as amended by Order No. 3185-2010, 75 FR 48275, Aug. 10, 2010]

## § 79.75 Procedures for payment of claims.

(a) All awards for compensation are made in the form of one time lump sum payments and shall be made to the claimant or to the legal guardian of the claimant, unless the claimant is deceased at the time of the payment. In cases involving a claimant who is deceased, payment shall be made to each eligible surviving beneficiary or to the legal guardian acting on his or her behalf, in accordance with the terms and conditions specified in the

Act. Once the Program has received the claimant's or eligible surviving beneficiary's election to accept the payment, the Assistant Director shall ensure that the claim is paid within six weeks. All time frames for processing claims under the Act are suspended during periods when the Radiation Trust Fund is not funded.
(b) In cases involving the approval of a claim, the Assistant Director shall take all necessary and appropriate steps to determine the correct amount of any offset to be made to the amount awarded under the Act and to verify the identity of the claimant or, in the case of a deceased claimant, the existence of eligible surviving beneficiaries who are entitled by the Act to receive the payment the claimant would have received. The Assistant Director may conduct any investigation, and may require any claimant or eligible surviving beneficiary to provide or execute any affidavit, record, or document or authorize the release of any information the Assistant Director deems necessary to ensure that the compensation payment is made in the correct amount and to the correct person(s). If the claimant or eligible surviving beneficiary fails or refuses to execute an affidavit or release of information, or to provide a record or document requested, or fails to provide access to information, such failure or refusal may be deemed to be a rejection of the payment, unless the claimant or eligible surviving beneficiary does not have and cannot obtain the legal authority to provide, release or authorize access to the required information, records or documents.
(c) Prior to authorizing payment, the Assistant Director shall require the claimant or each eligible surviving beneficiary to execute and provide an affidavit (or declaration under oath on the standard claim form) setting forth the amount of any payment made pursuant to a final award or settlement on a claim (other than a claim for worker's compensation), against any person, that is based on injuries incurred by the claimant on account of:
(1) Exposure to radiation from an atmospheric detonation of a nuclear device while present in an affected area (as defined in §79.11(a)) at any time
during the periods described in $\S 79.11$ (c) or §79.11(h);
(2) Exposure to radiation while participating onsite in an atmospheric detonation of a nuclear device (as defined in §79.11(b)) at any time during the periods described in $\S 79.11$ (h) (This paragraph (c) only applies to claims filed under section $4(\mathrm{a})(1)(\mathrm{A})(\mathrm{i})(\mathrm{III})$ of the Act); or
(3) Exposure to radiation during employment in a uranium mine at any time during the period described in section 5 of the Act. For purposes of this paragraph, a "claim" includes, but is not limited to, any request or demand for money made or sought in a civil action or made or sought in anticipation of the filing of a civil action, but shall not include requests or demands made pursuant to a life insurance or health insurance contract. If any such award or settlement payment was made, the Assistant Director shall subtract the sum of such award or settlement payments from the payment to be made under the Act.
(d) In the case of a claim filed under section 4(a)(2)(C) of the Act, the Assistant Director shall require the claimant or each eligible surviving beneficiary to execute and provide an affidavit (or declaration under oath on the standard claim form) setting forth the amount of any payment made pursuant to a final award or settlement on a claim (other than a claim for worker's compensation) against any person or any payment made by the Department of Veterans Affairs, that is based on injuries incurred by the claimant on account of exposure to radiation as a result of onsite participation in a test involving the atmospheric detonation of a nuclear device. For purposes of this paragraph, a "claim" includes, but is not limited to, any request or demand for money made or sought in a civil action or made or sought in anticipation of a civil action, but shall not include requests or demands made pursuant to a life-or health-insurance contract.
(1) Payments by the Department of Veterans Affairs shall include:
(i) Any disability payments or compensation benefits paid to the claimant and his or her dependents while the claimant is alive; and
(ii) Any Dependency and Indemnity Compensation payments made to survivors due to death related to the illness for which the claim under the Act is submitted.
(2) Payments by the Department of Veterans Affairs shall not include:
(i) Active duty pay, retired pay, retainer pay, or payments under the Survivor Benefits Plan;
(ii) Death gratuities;
(iii) SGLI, VGLI, or mortgage, life, or health insurance payments;
(iv) Burial benefits or reimbursement for burial expenses;
(v) Loans or loan guarantees;
(vi) Education benefits and payments;
(vii) Vocational rehabilitation benefits and payments;
(viii) Medical, hospital, and dental benefits; or
(ix) Commissary and PX privileges.
(e) If any such award, settlement, or payment was made as described in paragraphs (c) or (d) of this section, the Assistant Director shall calculate the actuarial present value of such payment(s), and subtract the actuarial present value from the payment to be made under the Act. The actuarial present value shall be calculated using the worksheet in appendix $C$ to this part in the following manner:
(1) Step 1. The sums of the past payments received in each year are entered in the appropriate rows in column (2). Additional rows will be added as needed to calculate the present value of payments received in the years prior to 1960 and after 1990.
(2) Step 2. The present CPI-U (to be obtained monthly from the Bureau of Labor Statistics, Department of Labor) is entered in column (3).
(3) Step 3. The CPI (Major Expenditure Classes-All Items) for each year in which payments were received is entered in the appropriate row in column (4). (This measure is provided for 1960 through 1990. The measure for subsequent years will be obtained from the Bureau of Labor Statistics.)
(4) Step 4. For each row, the amount in column (2) is multiplied by the corresponding inflator (column (3) divided by column (4)) and the product is entered in column (5).
(5) Step 5. The products in column (5) are added together and the sum is entered on the line labeled "Total of column (5) equals actuarial present value of past payments."
(6) Step 6. The sum in Step 5 is subtracted from the statutory payment of $\$ 75,000$ and the remainder is entered on the line labeled "Net Claim Owed to Claimant."
(f) When the Assistant Director has verified the identity of the claimant or each eligible surviving beneficiary who is entitled to the compensation payment or to a share of the compensation payment, and has determined the correct amount of the payment or the share of the payment, he or she shall notify the claimant or each eligible surviving beneficiary, or his or her legal guardian, and require such person(s) to sign an Acceptance of Payment Form. Such form shall be signed and returned within 60 days of the date of the form or such greater period as may be allowed by the Assistant Director. Failure to return the signed form within the required time may be deemed to be a rejection of the payment. Signing and returning the form within the required time shall constitute acceptance of the payment, unless the individual who has signed the form dies prior to receiving the actual payment, in which case the person who possesses the payment shall return it to the Assistant Director for redetermination of the correct disbursement of the payment.
(g) Rejected compensation payments or shares of compensation payments shall not be distributed to other eligible surviving beneficiaries, but shall be returned to the Trust Fund for use in paying other claims.
(h) Upon receipt of the Acceptance of Payment Form, the Assistant Director or the Constitutional and Specialized Torts Staff Director or Deputy Director, or their designee, shall authorize the appropriate authorities to issue a check to the claimant or to each eligible surviving beneficiary who has accepted payment out of the funds appropriated for this purpose.
(i) Multiple payments. (1) No claimant may receive payment under more than one subpart of this part for illnesses that he or she contracted. In addition
to one payment for his or her illnesses, he or she may also receive one payment for each claimant for whom he or she qualifies as an eligible surviving beneficiary.
(2) An eligible surviving beneficiary who is not also a claimant may receive

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one payment for each claimant for whom he or she qualifies as an eligible surviving beneficiary.
Appendix A to Part 79—FVC and FEV－1 Lower Limits of Normal Values

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table 2－Caucasian Females FVC Lower Limit of Normal Values，Hankinson，et al．（1999）—Continued

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\footnotetext{
TABLE 2A－CAUCASIAN FEMALES FEV－1 LOWER LIMIT OF NORMAL VALUES，HANKINSON，ET AL．（1999）
［Reference value equation： $0.4333+(-0.00361)($（age $)+(-0.000194)\left(\right.$ age $\left.^{2}\right)+(0.00009283)($ height 2$\left.)\right]$

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Table 4—African American Females FVC Lower Limit of Normal Values，Hankinson，et al．（1999）—Continued

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Table 4A-African American Females FEV-1 Lower Limit of Normal Values, Hankinson, et al. (1999)


Table 5A—Mexican American Males FEV-1 Lower Limit of Normal Values, Hankinson, et Al. (1999)—Continued [Reference value equation: $0.6306+(-0.02928)$ (age) $+(0.0001267)$ (height ${ }^{2}$ )]

| $\begin{aligned} & \text { Height } \\ & \text { in } \\ & \text { inches } \end{aligned}$ |  | Age in years |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 75 | 77 | 79 | 81 |
| 76.0 | 193.0 | 3.92 | 3.86 | 3.80 | 3.74 | 3.68 | 3.62 | 3.56 | 3.51 | 3.45 | 3.39 | 3.33 | 3.27 | 3.21 | 3.15 | 3.10 | 3.04 | 2.98 |
| 76.5 | 194.3 | 3.98 | 3.92 | 3.86 | 3.80 | 3.74 | 3.69 | 3.63 | 3.57 | 3.51 | 3.45 | 3.39 | 3.33 | 3.28 | 3.22 | 3.16 | 3.10 | 3.04 |
| 77.0 | 195.6 | 4.04 | 3.98 | 3.93 | 3.87 | 3.81 | 3.75 | 3.69 | 3.63 | 3.57 | 3.52 | 3.46 | 3.40 | 3.34 | 3.28 | 3.22 | 3.16 | 3.11 |
| 77.5 | 196.9 | 4.11 | 4.05 | 3.99 | 3.93 | 3.87 | 3.82 | 3.76 | 3.70 | 3.64 | 3.58 | 3.52 | 3.46 | 3.41 | 3.35 | 3.29 | 3.23 | 3.17 |
| 78.0 | 198.1 | 4.17 | 4.11 | 4.05 | 3.99 | 3.93 | 3.88 | 3.82 | 3.76 | 3.70 | 3.64 | 3.58 | 3.52 | 3.47 | 3.41 | 3.35 | 3.29 | 3.23 |
| 78.5 | 199.4 | 4.23 | 4.17 | 4.12 | 4.06 | 4.00 | 3.94 | 3.88 | 3.82 | 3.77 | 3.71 | 3.65 | 3.59 | 3.53 | 3.47 | 3.41 | 3.36 | 3.30 |
| 79.0 | 200.7 | 4.30 | 4.24 | 4.18 | 4.12 | 4.07 | 4.01 | 3.95 | 3.89 | 3.83 | 3.77 | 3.71 | 3.66 | 3.60 | 3.54 | 3.48 | 3.42 | 3.36 |
| 79.5 | 201.9 | 4.36 | 4.30 | 4.24 | 4.18 | 4.13 | 4.07 | 4.01 | 3.95 | 3.89 | 3.83 | 3.78 | 3.72 | 3.66 | 3.60 | 3.54 | 3.48 | 3.42 |
| 80.0 | 203.2 | 4.43 | 4.37 | 4.31 | 4.25 | 4.19 | 4.13 | 4.08 | 4.02 | 3.96 | 3.90 | 3.84 | 3.78 | 3.72 | 3.67 | 3.61 | 3.55 | 3.49 |
| 80.5 | 204.5 | 4.49 | 4.44 | 4.38 | 4.32 | 4.26 | 4.20 | 4.14 | 4.08 | 4.03 | 3.97 | 3.91 | 3.85 | 3.79 | 3.73 | 3.67 | 3.62 | 3.56 |
| 81.0 | 205.7 | 4.56 | 4.50 | 4.44 | 4.38 | 4.32 | 4.26 | 4.21 | 4.15 | 4.09 | 4.03 | 3.97 | 3.91 | 3.85 | 3.80 | 3.74 | 3.68 | 3.62 |
| 81.5 | 207.0 | 4.62 | 4.57 | 4.51 | 4.45 | 4.39 | 4.33 | 4.27 | 4.21 | 4.16 | 4.10 | 4.04 | 3.98 | 3.92 | 3.86 | 3.81 | 3.75 | 3.69 |
| 82.0 | 208.3 | 4.69 | 4.63 | 4.58 | 4.52 | 4.46 | 4.40 | 4.34 | 4.28 | 4.22 | 4.17 | 4.11 | 4.05 | 3.99 | 3.93 | 3.87 | 3.81 | 3.76 |
| 82.5 | 209.6 | 4.76 | 4.70 | 4.64 | 4.59 | 4.53 | 4.47 | 4.41 | 4.35 | 4.29 | 4.24 | 4.18 | 4.12 | 4.06 | 4.00 | 3.94 | 3.88 | 3.83 |



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Table 6A-Mexican American Females FEV-1 Lower Limit of Normal Values, Hankinson, et al. (1999)—Continued

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TABLE 7-NAVAJO MALES FVC LOWER LIMIT OF NORMAL VALUES, CRAPO, ET AL. (1988)
[Reference value equation: $[-6.2404+(-0.0264)($ age $)+(0.0686)($ height $)] \times(.817)]$

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Table 7A—Navajo Males FeV-1 Lower Limit of Normal Values, Crapo, et al. (1988)-Continued

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table 8-Navajo Females FVC Lower Limit of Normal Values, Crapo, et al. (1988)—Continued [Reference value equation: $[-2.9769+(-0.0207)$ (age) $+(0.0448)$ (height $] \times(0.815)]$

TABLE 8A—NAVAJO FEMALES FEV-1 LOWER LIMIT OF NORMAL VALUES, CRAPO,

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## Appendix B to Part 79-Blood-Gas Study Tables

For arterial blood-gas studies performed at test locations between sea level and 2,999 feet above sea level:


For arterial blood-gas studies performed at test locations above 3,000 feet above sea level:

| Arterial $\mathrm{pCO}_{2}$ | and arterial $\mathrm{pO}_{2}$ |
| :---: | :---: |
| 25 mmHg or below | 75 mmHg or below. |
| 26 mmHg | 74 mmHg or below. |
| 27 mmHg | 73 mmHg or below. |
| 28 mmHg | 72 mmHg or below. |
| 29 mmHg | 71 mmHg or below. |
| 30 mmHg | 70 mmHg or below. |
| 31 mmHg | 69 mmHg or below. |
| 32 mmHg | 68 mmHg or below. |
| 33 mmHg | 67 mmHg or below. |
| 34 mmHg | 66 mmHg or below. |
| 35 mmHg | 65 mmHg or below. |
| 36 mmHg | 64 mmHg or below. |
| 37 mmHg | 63 mmHg or below. |
| 38 mmHg | 62 mmHg or below. |
| 39 mmHg .. | 61 mmHg or below. |
| $40-49 \mathrm{mmHg}$ | 60 mmHg or below. |
| Above 50 mmHg | Any value. |

Appendix C To Part 79—Radiation Exposure Compensation Act Offset WORKSHEET-ON SITE PARTICIPANTS

Radiation Exposure Compensation Act Offset Worksheet-On Site Participants
[Present CPI = 185.20]

| VA payments <br> year | Payment | Indicated year CPI <br> (laim \# | inflated PV |
| :---: | :---: | :---: | :---: |
| 1960 |  | 29.60 | $\$ 0.00$ |
| 1961 | 29.90 | $\$ 0.00$ |  |
| 1962 | 30.20 | $\$ 0.00$ |  |
| 1963 | 30.60 | $\$ 0.00$ |  |
| 1964 | 31.00 | $\$ 0.00$ |  |
| 1965 | 31.50 | $\$ 0.00$ |  |
| 1966 | 32.40 | $\$ 0.00$ |  |
| 1967 |  | 33.40 | $\$ 0.00$ |
| 1968 |  | 34.80 | $\$ 0.00$ |

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Radiation Exposure Compensation Act Offset Worksheet-On Site ParticipantsContinued
[Present CPI $=185.20$ ]

| VA payments year | Payment | Indicated year CPI | Claim \# *inflated PV |
| :---: | :---: | :---: | :---: |
| 1969 |  | 36.70 | \$0.00 |
| 1970 |  | 38.80 | \$0.00 |
| 1971 |  | 40.50 | \$0.00 |
| 1972 |  | 41.80 | \$0.00 |
| 1973 |  | 44.40 | \$0.00 |
| 1974 |  | 49.30 | \$0.00 |
| 1975 |  | 53.80 | \$0.00 |
| 1976 |  | 56.90 | \$0.00 |
| 1977 |  | 60.60 | \$0.00 |
| 1978 |  | 65.20 | \$0.00 |
| 1979 |  | 72.60 | \$0.00 |
| 1980 |  | 82.40 | \$0.00 |
| 1981 |  | 90.90 | \$0.00 |
| 1982 |  | 96.50 | \$0.00 |
| 1983 |  | 99.60 | \$0.00 |
| 1984 |  | 103.90 | \$0.00 |
| 1985 |  | 107.60 | \$0.00 |
| 1986 |  | 109.60 | \$0.00 |
| 1987 |  | 113.60 | \$0.00 |
| 1988 |  | 118.30 | \$0.00 |
| 1989 |  | 124.00 | \$0.00 |
| 1990 |  | 130.70 | \$0.00 |
| 1991 |  | 136.20 | \$0.00 |
| 1992 |  | 140.30 | \$0.00 |
| 1993 |  | 144.50 | \$0.00 |
| 1994 |  | 148.20 | \$0.00 |
| 1995 |  | 152.40 | \$0.00 |
| 1996 |  | 156.90 | \$0.00 |
| 1997 |  | 160.50 | \$0.00 |
| 1998 |  | 163.00 | \$0.00 |
| 1999 |  | 166.60 | \$0.00 |
| 2000 |  | 172.20 | \$0.00 |
| 2001 |  | 177.10 | \$0.00 |
| 2002 |  | 179.90 | \$0.00 |
| 2003 |  | 184.00 | \$0.00 |


| Radiation Ex | e Compensation Act Of Contin [Present CP | FSET Worksheet-On S nued I | Site Participants- |
| :---: | :---: | :---: | :---: |
| VA payments year | Payment | Indicated year CPI | $\underset{\text { *inflated PV }}{\text { Claim }}$ |
| 2004 | ............................................. | ............................................. | ................. |
|  | Total, Column 4 | "Actuarial Present Value" of past payments $=$ | \$0.00 |
|  | NET AMOUNT OWED CLAIMANT (\$75,000 less APV) |  | \$75,000.00 |
|  |  | Past CPI |  |
| xxxx |  |  | ?? |

*Inflated PV is computed as \{payment X (current CPI $\div$ Year's CPI) \}.

## PART 80-FOREIGN CORRUPT PRACTICES ACT OPINION PROCEDURE

Sec.
80.1 Purpose.
80.2 Submission requirements.
80.3 Transaction.
80.4 Issuer or domestic concern.
80.5 Affected parties.
80.6 General requirements.
80.7 Additional information.
80.8 Attorney General opinion.
80.9 No oral opinion.
80.10 Rebuttable presumption.
80.11 Effect of FCPA Opinion.
80.12 Accounting requirements.
80.13 Scope of FCPA Opinion.
80.14 Disclosure.
80.15 Withdrawal.
80.16 Additional requests.

AUTHORITY: 28 U.S.C. 509, 510; 15 U.S.C. 78dd-1, 78dd-2.

Source: Order No. 1620-92, 57 FR 39600, Sept. 1, 1992, unless otherwise noted.

## § 80.1 Purpose.

These procedures enable issuers and domestic concerns to obtain an opinion of the Attorney General as to whether certain specified, prospective-not hy-pothetical-conduct conforms with the Department's present enforcement policy regarding the antibribery provisions of the Foreign Corrupt Practices Act of 1977, as amended, 15 U.S.C. 78dd1 and 78dd-2. An opinion issued pursuant to these procedures is a Foreign Corrupt Practices Act opinion (hereinafter FCPA Opinion).

## § 80.2 Submission requirements.

A request for an FCPA Opinion must be submitted in writing. An original and five copies of the request should be addressed to the Assistant Attorney General in charge of the Criminal Division, Attention: FCPA Opinion Group. The mailing address is P.O. Box 28188, Central Station, Washington, DC 20038. The address for hand delivery is room 2424, Bond Building, 1400 New York Avenue, NW., Washington, DC 20005.

## § 80.3 Transaction.

The entire transaction which is the subject of the request must be an ac-tual-not a hypothetical-transaction but need not involve only prospective conduct. However, a request will not be considered unless that portion of the transaction for which an opinion is sought involves only prospective conduct. An executed contract is not a prerequisite and, in most-if not allinstances, an opinion request should be made prior to the requestor's commitment to proceed with a transaction.

## § 80.4 Issuer or domestic concern.

The request must be submitted by an issuer or domestic concern within the meaning of 15 U.S.C. $78 d d-1$ and $78 d d-2$, respectively, that is also a party to the transaction which is the subject of the request.

## §80.5 Affected parties.

An FCPA Opinion shall have no application to any party which does not join in the request for the opinion.

