

**REPORT OF THE
UNITED NATIONS
SCIENTIFIC COMMITTEE
ON THE
EFFECTS OF ATOMIC RADIATION**

GENERAL ASSEMBLY
OFFICIAL RECORDS : NINETEENTH SESSION
SUPPLEMENT No. 14 (A/5814)



UNITED NATIONS
New York, 1964

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NOTE

Throughout the present report, references to the annexes are indicated by a letter immediately followed by a number: the letter denotes the relevant annex and the number the paragraph therein. Within each annex, references to its scientific bibliography are indicated by numbers.

Symbols of United Nations documents are composed of capital letters combined with figures. Mention of such a symbol indicates a reference to a United Nations document.

ANNEX C

LIST OF REPORTS RECEIVED BY THE COMMITTEE

1. This annex lists reports received by the Committee from Governments and agencies of the United Nations.
2. All those reports are included of which a sufficient number of copies for distribution in the A/AC.82/G/L. document series were received between 10 March 1962 and 3 July 1964, inclusive.
3. The first 750 reports received by the Committee are listed in annex I of its first comprehensive report^a and annex J of the second.^b

^a *Official Records of the General Assembly, Thirteenth Session, Supplement No. 17 (A/3838).*

^b *Ibid., Seventeenth Session, Supplement No. 16 (A/5216).*

<i>Document No.</i>	<i>Country and Title</i>	<i>Document No.</i>	<i>Country and Title</i>
A/AC.82/G/L.		A/AC.82/G/L.	
	BRAZIL		NORWAY
751	A survey on artificial radio-active contamination in Brazil (1958-1962).	769	Assay of strontium-90 in human bone in Norway 1956-1961.
	SWEDEN		ITALY
752	The increase of gamma radiation from the ground during September 1st-November 30th 1961.	770	Data on environmental radioactivity, collected in Italy (January-June 1961).
753	Some observations of variations of the natural background radiation.		UNITED KINGDOM
754	Distribution and excretion of radio-caesium in goats, pigs and hens.	771	Interim report on radio-activity in diet. ARCRL-7.
755	Report on observations made at Kiruna Geophysical Observatory during the series of nuclear weapon tests carried out at Novaja Zemlja between 10 Sept. and 4 Nov. 1961.		UNITED STATES OF AMERICA
756	Determination of strontium-90 and stable strontium in bones from sheep, ewes and fetuses.	772	Atmospheric radio-activity at Washington, D.C., 1950-1961. NRL-5764.
757	Cesium-137 deposition in Sweden 1958-1960 and the 1961 spring maximum in air.	773	Radiological Health Data, Volume III, Number 4, April 1962.
758	The radio-activity in air and precipitation during autumn 1961.	774	Radiological Health Data, Volume III, Number 3, March 1962.
759	Internal doses from mixed fission products.	775	Radio-active fall-out from nuclear weapons tests, Nov. 15-17, 1961. Book 1.
760	A fall-out model II. Some quantitative properties.	776	Radio-active fall-out from nuclear weapons tests, Nov. 15-17, 1961. Book 2.
761	Behaviour of yttrium-91 and some lanthanons towards serum proteins in paper electrophoresis, density gradient electrophoresis and gel filtration.	777	Health implications of fall-out from nuclear weapons testing through 1961.
	UNITED KINGDOM	778	Radiological Health Data, Volume III, Number 5, May 1962.
762	Radioactivity in milk. Interim report, Dec. 1961.		UNITED KINGDOM
	JAPAN	779	Assay of strontium-90 in human bone in the United Kingdom. Results for 1961, part I.
763	Japanese dietary habits and the fall-out problem.		SWEDEN
764	Environmental contamination with short-lived radio-nuclides in Japan in 1961.	780	Doses to the gastrointestinal tract from ingestion of fission products in drinking water or food.
	UNITED STATES OF AMERICA	781	Internal doses from fission products in milk.
765	Radiological Health Data, Volume III, Number 2, February 1962.	782	Simulation of an atmospheric transport problem.
766	Health and Safety Laboratory fall-out program quarterly summary report, April 1, 1962. HASL-122.	783	Studies in reversal autoradiography.
	INTERNATIONAL ATOMIC ENERGY AGENCY	784	Strontium-90 induced bone and bone-marrow changes.
767	Survey of radio-activity in food consumed in Austria. Report on second sampling period — January-June 1961.	785	Sr ⁹⁰ induced osteosarcomas.
	SWEDEN	786	Uptake and retention of strontium-90 in mouse tissues studied by whole animal autoradiography and impulse counting.
768	The effect of radiostrontium on mouse testes.	787	II. Uptake and retention of strontium 90 in strontium-90-induced osteosarcomas.
		788	III. Dissemination of metastases from a strontium-90-induced transplanted osteosarcoma investigated by whole-body autoradiography.
		789	Effects of radiostrontium on the blood and haematopoietic tissues of mice.
		790	Histogenesis of Sr ⁹⁰ -induced osteosarcomas.

<i>Document No.</i>	<i>Country and Title</i>	<i>Document No.</i>	<i>Country and Title</i>
A/AC.82/G/L.		A/AC.82/G/L.	
	UNITED STATES OF AMERICA		ARGENTINA
791	Measurement of bone marrow and gonadal dose from X-ray examinations of the pelvis, hip and spine as a function of field size, tube kilovoltage and added filtration.	808	Contaminación por I ¹³¹ debida al fall-out.
792	Strontium-90 in man and his environment —Volume I: Summary.		ITALY
793	Fall-out program quarterly summary report, July 1, 1962. HASL-127.	809	Data on environmental radio-activity collected in Italy (July-December 1961). BIO/06/62.
794	Survey of fall-out operations, July 1, 1962. HASL-128.		NORWAY
	BELGIUM	810	Fall-out in Norwegian milk in 1961.
795	La retombée radioactive à Mol. Rapport d'avancement — 1er semestre 1961.		UNITED STATES OF AMERICA
796	Evolution du ⁹⁰ Sr dans les sols et les végétaux: analyse des résultats obtenus en 1959.	811	Radiological Health Data, Volume III, Number 11, November 1962.
	UNITED STATES OF AMERICA	812	Radiological Health Data, Volume III, Number 10, October 1962.
797	Radiological Health Data, Volume III, Number 6, June 1962.	813	Radiation standards, including fall-out. Hearings before the Subcommittee on Research, Development, and Radiation of the Joint Committee on Atomic Energy, Congress of the United States, 87th Congress, 2nd session. Parts 1 and 2 (Appendix).
	ISRAEL	814	Fallout program quarterly summary report, January 1, 1963. HASL-132.
798	Early radio-active fall-out in Israel following the 1961 nuclear weapon tests.		BELGIUM
	UNITED STATES OF AMERICA	815	La retombée radioactive à Mol. Rapport d'avancement — second semestre 1961.
799	Terrestrial and freshwater radioecology: A selected bibliography.		SWEDEN
800	Radiological Health Data, Volume III, Number 8, August 1962.	816	Distribution of radoruthenium in mice.
	SWITZERLAND		UNITED STATES OF AMERICA
801	5. Bericht der Eidgenössischen Kommission zur Überwachung der Radioaktivität zuhanden des Bundesrates für das Jahr 1961.	817	Radiological Health Data, Volume III, Number 12, December 1962.
801/ Corr. 1	Corrigendum to above document.		BRAZIL
	DENMARK	818	Environmental radio-activity in high background areas of Brazil.
802	Environmental radio-activity in Denmark, 1961.		UNITED KINGDOM
	UNITED STATES OF AMERICA	819	Assay of strontium-90 in human bone in the United Kingdom. Results for 1961, part II.
803	Health and Safety Laboratory fall-out program quarterly summary report, October 1, 1962. HASL-131.		UNITED STATES OF AMERICA
804	Radiological Health Data, Volume III, Number 9, September 1962.	820	Radiological Health Data, Volume IV, Number 1, January 1963.
805	Radiation standards including fall-out. Summary analysis of Hearings held on June 4, 5, 6, and 7, 1962. before the Subcommittee on Research, Development, and Radiation of the Joint Committee on Atomic Energy, Congress of the United States, September 1962.	821	Factors influencing strontium-90 in milk from the Brainerd, Minn. milkshed.
	UNITED KINGDOM	822	Strontium-90 on the earth's surface II. Summary and interpretation of a worldwide soil sampling program: 1960-1961 results.
806	Annual report, 1961-1962. ARCRL-8.		UNITED KINGDOM
	UNITED STATES OF AMERICA	823	Radio-active fall-out in air and rain results to the middle of 1962.
807	Medical survey of Rongelap people seven years after exposure to fall-out. BNL-727 T-260.		UNITED STATES OF AMERICA
		824	Bioenvironmental features of the Ogotoruk Creek area, Cape Thompson, Alaska. TID-17226.
		825	Radiological Health Data, Volume IV, Number 2, February 1963.

<i>Document No.</i>	<i>Country and Title</i>	<i>Document No.</i>	<i>Country and Title</i>
A/AC.82/G/L.		A/AC.82/G/L.	
	SWEDEN		UNITED KINGDOM
826	Distribution of plutonium in mice. An autoradiographic study.	844	Assay of strontium-90 in human bone in the United Kingdom, results for 1962, Part I with some further results for 1961.
827	Radioaktivitetsmätningar pa livsmedel 1962.		INDIA
	UNITED STATES OF AMERICA	845	Estimates of biospheric contamination and radiation dose from nuclear explosions up to April 1962. AEET/AM/27.
828	Radionuclides and ionizing radiation in ornithology. TID-17762.	846	Gamma activity of the food samples in India after the autumn 1961 tests of nuclear weapons. AEET/AM/32.
	UNITED KINGDOM		USSR
829	Interim report on radio-activity in milk. ARCRL-9.	847	Определение возраста продуктов деления по измерению суммарной площади фотоплаки $Zr^{95} + Nb^{95}$ со временем.
	SWEDEN		UNITED STATES OF AMERICA
830	Genetic effects of strontium-90 injected into male mice.	848	Review of the army food irradiation program. Hearings before the Joint Committee on Atomic Energy, Congress of the United States, 88th Congress, May 13, 1963.
	UNITED STATES OF AMERICA	849	Fall-out, radiation standards, and countermeasures. Hearings before the Subcommittee on Research, Development, and Radiation of the Joint Committee on Atomic Energy, Congress of the United States, 88th Congress, 1st session, June 3, 4, and 6, 1963. Part I.
831	Health and Safety Laboratory fallout program quarterly summary report, April 1, 1963. HASL-135.	850	Radiological Health Data, Volume IV, Number 7, July 1963.
832	Intercalibration of some systems employed in monitoring fission products in the atmosphere. NRL-5850.	851	Radiological Health Data, Volume IV, Number 6, June 1963.
833	Atmospheric radio-activity and fall-out research. TID-12616 (Rev. 1).	852	The treatment of radiation injury. NAS-NRC Publ. 1134.
	SWITZERLAND	853	Radiological Health Data, Volume IV, Number 8, August 1963.
834	Messung des Natürlichen Strahlenpegels in der Schweiz.		CANADA
	UNITED STATES OF AMERICA	854	Iodine-131 content of Canadian milk during 1961. AECL-1797.
835	Rapid methods for estimating fission product concentrations in milk.		UNITED KINGDOM
836	Radiological Health Data, Volume IV, Number 3, March 1963.	855	Radio-activity in drinking water in the United Kingdom—1962 results.
	ITALY		UNITED STATES OF AMERICA
837	Data on environmental radio-activity collected in Italy (January-June 1962). BIO/26/62.	856	Health and Safety Laboratory fall-out program quarterly summary report. HASL-140.
	SOUTH AFRICA		SWEDEN
838	Radio-active fall-out, its dispersion, deposition over South Africa and biological significance.	857	Genetic effects of strontium-90 on immature germ-cells in mice.
	UNITED STATES OF AMERICA		UNITED KINGDOM
839	Radiological Health Data, Volume IV, Number 4, April 1963.	858	Annual report 1962-1963. ARCRL-10.
840	Radiological Health Data, Volume IV, Number 5, May 1963.		UNITED STATES OF AMERICA
841	Studies of the fate of certain radionuclides in estuarine and other aquatic environments.	859	Radiological Health Data, Volume IV, Number 9, September 1963.
842	Health and Safety Laboratory fallout program quarterly summary report, July 1, 1962. HASL-138.		
843	Estimates and evaluation of fall-out in the United States from nuclear weapons testing conducted through 1962.		

Document No.	Country and Title	Document No.	Country and Title
A/AC.82/G/L.		A/AC.82/G/L.	
860	UNITED KINGDOM The weathering of caesium-137 in soil. AERE-R-4241.	876	FRANCE Doses d'exposition au cours d'examen radiologiques per-opératoires. SCPRI-55.
861	UNITED STATES OF AMERICA Mathematical programming models for selection of diets to minimize weighted radionuclide intake.	877	Surveillance de la radioactivité sur le territoire français de 1961 à 1963. SCPRI-98.
862	Terrestrial and freshwater radioecology. A selected bibliography (Suppl. 1). TID-3910 (Suppl. 1).	878	Radioactivité des eaux de la Durance.
863	INDIA Levels of cerium-141 and cerium-144 in surface fallout samples collected at Bombay during the monsoon months of 1962.	879	Accroissement du tritium atmosphérique dû aux explosions thermonucléaires.
864	UNITED KINGDOM Radio-active fall-out: Short-lived fission products in air and rain, August 1962-April 1963. AERE-R-4384.	880	Mesures de la radioactivité naturelle dans la région parisienne.
865	Assay of strontium-90 in human bone in the United Kingdom, results for 1962, part II.	881	Mesure de la radioactivité d'origine artificielle dans l'hémisphère Sud.
866	AUSTRALIA Iodine-131 levels in milk in Australia during period May-November 1962.	882	De la dynamique des transports des aérosols radioactifs au-dessus de la France.
867	DENMARK Genetically significant radiation doses in diagnostic radiology.	883	Mesure de l'activité de l'air due au krypton 85.
868	UNITED STATES OF AMERICA Radiological Health Data, Volume IV, Number 10, October 1963.	884	Essai d'analyse de la radioactivité de l'éponge "Hercinia variabilis".
869	Radiological Health Data, Volume IV, Number 11, November 1963.	885	Identification directe des nucléides radioactifs dans l'eau de mer par spectrographie gamma.
870	WORLD HEALTH ORGANIZATION Radiation hazards in perspective (3rd report of the Expert Committee on Radiation).	886	Spectrométrie gamma <i>in situ</i> des eaux de la Méditerranée occidentale.
871	UNITED STATES OF AMERICA Health and Safety Laboratory fallout program quarterly summary report, January 1, 1964. HASL-142.	887	UNITED STATES OF AMERICA Radiological Health Data, Volume V, Number 1, January 1964.
872	Iodine-131 in fresh milk and human thyroids following a single deposition of nuclear test fall-out. TID-19266.	888	Fall-out, radiation standards, and countermeasures. Hearings before the Subcommittee on Research, Development and Radiation of the Joint Committee on Atomic Energy, Congress of the United States, 88th Congress, 1st session, August 20, 21, 22, and 27, 1963. Part 2.
873	INDIA Estimation of zirconium-95 deposited by fallout during September 1961 to February 1962. AEET/AM/31.	889	NORWAY A study of Sr ⁹⁰ and Cs ¹³⁷ in Norway 1957-1958. Intern rapport K-253.
874	UNITED KINGDOM Radio-active fall-out in air and rain. Results to the middle of 1963. AERE-R-4392.	890	ITALY Data on environmental radio-activity collected in Italy (July-December 1962). BIO/03/63.
875	AUSTRALIA Strontium-90 in the Australian environment during 1961.	891	UNITED STATES OF AMERICA Neoplasms in children treated with X-rays for thymic enlargement. I. Neoplasms and mortality.
		891/ Add. 1	Neoplasms in children treated with X-rays for thymic enlargement. II. Tumor incidence as a function of radiation factors.
		891/ Add. 2	Neoplasms in children treated with X-rays for thymic enlargement. III. Clinical description of cases.
		892	Distribution and retention of Cs ¹³⁷ after accidental inhalation. UAC-8383.

Document No.	Country and Title
A/AC.82/G/L.	
UNITED STATES OF AMERICA (<i>continued</i>)	
892/ Corr. 1	Correction to above report.
893	Radiological Health Data, Volume IV, Number 12, December 1963.
SWITZERLAND	
894	6. Bericht der Eidg. Kommission zur Überwachung der Radioaktivität, zuhanden des Bundesrates für das Jahr 1962.
CZECHOSLOVAKIA	
895	Prediction of individual differences in postirradiation regeneration of the lymphatic tissue of the thymus.
USSR	
896	Стронций-90 в воде пресных водоемов Советского Союза в 1961-1962 годах.
897	Содержание цезия-137 в поверхностных водах Атлантического океана и его морей в 1961 году.
898	Изучение распределения изотопов церия, рутения, циркония и ниобия в процессе разложения минеральными кислотами проб радиоактивных выпадений и атмосферных осадков.
899	Определение стронция-90 в водах Атлантического океана в 1961 году.
900	Поведение цезия-137 в ходе анализа проб атмосферных осадков.
901	Аккумуляция радиоактивного стронция пресноводными растениями.
902	Выпадение Ce^{141} , Ce^{144} , $Zr^{95} + Nb^{95}$ и Sr^{90} на территории СССР во второй половине 1962 года.
903	Радиохимическая методика массового контроля содержания стронция-90 в пресных водоемах.
904	Стронций-90 в поверхностных водах Индийского океана в 1960-1961 годах.
905	Сравнительный анализ наблюдаемых планетарных распределений содержания озона и некоторых радиоактивных изотопов в атмосфере.
906	Концентрация суммарной радиоактивности продуктов деления, а также Ce^{141} , Ce^{144} , $Zr^{95} + Nb^{95}$ и Cs^{137} в приземном слое воздуха в подмосковье в 1960-1962 годах.
907	Стронций-90 в водах Тихого океана.
908	Некоторые данные по концентрации радиоактивных продуктов над Индийским и Тихим океанами в 1961-1962 годах.
909	Содержание стронция-90 в Черном море в 1959-1961 годах.
910	Содержание стронция-90 в молоке отдельных районов СССР в 1960-1961 годах и в первой половине 1962 года.

Document No.	Country and Title
A/AC.82/G/L.	
USSR (<i>continued</i>)	
911	Природная радиоактивность океанской воды.
912	Искусственная радиоактивность приземного слоя атмосферы на о. Хейса земли Франца-Иосифа в 1960-1961 годах.
913	О загрязнении растительности стронцием-90 и цезием-137 в 1961 году.
914	Радиоактивные выпадения близ Симеиза в 1960-1961 годах.
915	Исследование состава рутения-103 и рутения-106 в смеси продуктов деления методом бета-гамма-совпадений сцинтилляционных спектрометров.
916	Выпадение стронция-90 на поверхность территории СССР в четвертом квартале 1961 года и первой половине 1962 года.
917	Статистика появления «горячих» частиц в приземном слое воздуха в Подмосковье в 1961-1962 годах.
918	Стронций-90 в воде бассейна р. Дон.
919	Вопросы глобального радиоактивного загрязнения вод Мирового океана.
INDIA	
920	Active particles in fallout from nuclear weapon tests. AEET/AM/34.
JAPAN	
921	Radio-activity survey data in Japan, No. 1.
922	Deposition of Sr^{90} and Cs^{137} in Tokyo through the end of July 1963.
923	Leukaemia and ionizing radiation in Japan. An epidemiological survey.
924	X-ray microanalysis of highly radioactive fall-out particles.
925	Fractionation phenomena in highly radioactive fall-out particles.
926	The increase in induced mutation frequency after fractionated irradiation of gonial cells of the silkworm.
UNITED KINGDOM	
927	Interim report: Radio-activity in milk, 1963. ARCRL-11.
UNITED STATES OF AMERICA	
928	Radiological Health Data, Volume V, Number 2, February 1964.
INDIA	
929	Deposition of iodine-131 from the nuclear weapon tests in the Pacific during 1962. AEET/AM/35.
930	Airborne cerium-141 and cerium-144 at Bombay during November 1961-February 1963. AEET/AM/36.

<i>Document No.</i>	<i>Country and Title</i>	<i>Document No.</i>	<i>Country and Title</i>
A/AC.82/G/L.		A/AC.82/G/L.	
	MEXICO		UNITED STATES OF AMERICA
931	Determinación del estroncio 90 en leches y aguas de lluvia.	939	Environmental radiation measurements in the South-eastern, Central and Western United States, 1962-1963. HASL-145.
	UNITED ARAB REPUBLIC		SWEDEN
932	Fall-out and radio-active content of the food chain in U.A.R. during the year 1962.	940	The radio-activity of watches.
		941	Physics, chemistry and meteorology of fall-out.
933	Fall-out and radio-active content of certain food items in U.A.R. during the first quarter of 1963.		UNITED STATES OF AMERICA
	SWEDEN	942	Radiological Health Data, Volume V, Number 5, May 1964.
934	A review of measurements of radioactivity in food, especially dairy milk, and a presentation of the 1963 data on Cs ¹³⁷ and Sr ⁹⁰ .		SWEDEN
	UNITED STATES OF AMERICA	943	Protective effect of cysteamine at fractionated irradiation.
935	Radiological Health Data, Volume V, Number 3, March 1964.	944	The behavior of certain lanthanons in rats.
936	Fall-out program quarterly summary report, April 1, 1964. HASL-144.	945	Note on the increase of gamma radiation from the ground during September 1st-November 30th, 1961.
937	Radiological Health Data, Volume V, Number 4, April 1964.	946	Some observations of variations of the natural background radiation.
	UNITED KINGDOM	947	Gamma radiation from the ground in Sweden during 1960-1963.
938	Assay of strontium-90 in human bone in the United Kingdom. Results for 1963, part I.		UNITED ARAB REPUBLIC
		948	Fall-out and radio-active content of food chain in U.A.R. during the year 1963.

APPENDIX I

LIST OF SCIENTIFIC EXPERTS, MEMBERS
OF NATIONAL DELEGATIONS

The scientific experts who took part in the preparation of the present report while attending Committee sessions as members of national delegations are listed below.

ARGENTINA

Dr. D. Beninson (*Representative*)
Dr. J. Flegenheimer
Dr. H. Mugliaroli
Dr. A. Placer
Dr. E. Ramos Zabarrain

AUSTRALIA

Mr. D. J. Stevens (*Representative*)
Dr. H. A. S. van den Brenk
Mr. G. U. Wilson

BRAZIL

Professor C. Chagas (*Representative*)
Professor C. Pavan (*Representative*)
Dr. L. R. Caldas
Dr. E. Penna Franca
Father F. X. Roser, S.J.

BELGIUM

Professor J. A. Cohen (*Representative*)
Mr. J. F. Bleichrodt

CANADA

Dr. G. C. Butler (*Representative*)
Dr. W. E. Grummitt
Dr. H. B. Newcombe

CZECHOSLOVAKIA

Professor Dr. F. Herčík (*Representative*)

FRANCE

Professor L. Bugnard (*Representative*)
Dr. H. Jammet (*Representative*)
Mr. L. Facy
Dr. J. Labeyrie
Mr. G. Lambert
Dr. J. Lejeune
Mr. F. Zajdela

INDIA

Dr. A. R. Gopal-Ayengar (*Representative*)

JAPAN

Dr. K. Tsukamoto (*Representative*)
Dr. Y. Kawabata
Dr. M. Saiki
Dr. T. Sugahara
Dr. E. Tajima

MEXICO

Dr. M. Martínez Báez (*Representative*)
Dr. F. Alba Andrade (*Representative*)
Dr. H. Zalce

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Professor R. M. Sievert (*Representative*)
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Dr. B. Lindell

UNITED ARAB REPUBLIC

Dr. M. E. A. El-Kharadly (*Representative*)
Dr. S. E. Hashish (*Representative*)
Dr. K. A. Mahmoud

UNION OF SOVIET SOCIALIST REPUBLICS

Professor A. M. Kuzin (*Representative*)
Professor N. A. Kraevsky
Professor O. I. Leipunsky
Dr. M. A. Arsenieva
Dr. I. L. Karol
Dr. V. T. Kozlov
Dr. A. S. Kulak
Dr. Y. M. Shtukkenberg
Mr. G. I. Apollonov

UNITED KINGDOM OF GREAT BRITAIN
AND NORTHERN IRELAND

Dr. E. E. Pochin (*Representative*)
Professor L. Lamerton
Dr. W. G. Marley
Dr. D. H. Peirson
Dr. R. Scott Russell

UNITED STATES OF AMERICA

Dr. R. H. Chamberlain (*Representative*)
Dr. S. Warren (*Representative*)
Dr. A. M. Brues
Dr. V. P. Bond
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Dr. E. P. Cronkite
Dr. C. L. Dunham
Dr. J. H. Harley
Dr. A. Hollaender
Dr. L. Machta
Mr. R. T. Norris
Mr. T. F. O'Leary
Mr. J. Rivera
Dr. P. C. Tompkins
Dr. A. C. Upton

APPENDIX II

**LIST OF SCIENTIFIC EXPERTS WHO HAVE CO-OPERATED WITH
THE COMMITTEE IN THE PREPARATION OF THE REPORT**

Dr. K. C. Bora
Dr. G. C. Casarett
Dr. J. Liniecki

Dr. B. J. O'Brien
Dr. F. Sella

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