



CONFERENCE OF RADIATION CONTROL PROGRAM DIRECTORS, INC.

RESOLUTION

Relating to: Voluntary Use of a Thyroid Bioassay Intercomparison Program for the Purpose of Radiobioassay Accreditation

WHEREAS: Direct bioassay of radioiodine isotopes in the thyroid is one basis for licensees to show compliance with requirements to sum external and internal radiation doses to of radiation workers; and

WHEREAS: Accurate personnel dosimetry assessments are required under certain circumstances for health, economic, and legal reasons; and

WHEREAS: Analytical methods for radiobioassay are not currently standardized; and

WHEREAS: It is known that thyroid radiobioassay does not always meet the American National Standard Institute, Inc. (ANSI) N13.30, *Performance Criteria for Radiobioassay*; and

WHEREAS: The International Atomic Energy Agency (IAEA) has recommended inter-laboratory comparisons for assessment of radioiodines in the thyroid as a component of quality assurance procedures; and

WHEREAS: Over the years, thyroid radioiodine intercomparison programs have been established to assist licensees to self-assess their performance, and to demonstrate that they meet the aforementioned ANSI N13.30 criteria; and

WHEREAS: A voluntary participation in the radiobioassay intercomparison program is recommended; and

WHEREAS: A thyroid radiobioassay accreditation program should be essential,

NOW BE IT THEREFORE RESOLVED THAT:

The Conference of Radiation Control Program Directors, Inc. urges its members to adopt a policy that establishes the criteria for accreditation of thyroid radiobioassay.

BE IT FURTHER RESOLVED THAT:

The Conference of Radiation Control Program Directors, Inc. urges its members to encourage participation in a thyroid radiobioassay intercomparison program as an acceptable accreditation.


Jill Lipon
CRCPD Chairperson

Approved by the CRCPD Membership May 20, 1998